Compendium

SOP of Attributes

Department of Industries Chhattisgarh

Contents

1 Directorate Of Urban Administration & Development

1.1 Mandatory Layer

1.1.1 Bus terminals & Shelters

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon/Point	Bus Terminals & Bus Shelters	BTBS_ID	Alphanumeric	30	Unique Id
	City Name	City_Name	Text	50	Name of City
	District Name	Dist_Name	Text	50	Name of District
	State/U.T.	State_Name	Text	50	Name of State
	Type	Authority	Text	50	Govt/ Semi/ ULB/ Pvt/ other
	Height	Height	Alphanumeric	25	Height
	Latitude	Lat	Degree Decimal Minutes	Ex. 26° 50' 48.102"N	Latitude
	Longitude	Long	Degree Decimal Minutes	Ex. 80° 56' 46.2012"E	Longitude

1.1.2 Water Supply Network-Line

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line	Water SupplyID	WS_Line_ ID	Alpha-numeric	30	UniqueId
	Type of Water Line	WT_Line	Text	50	Raw Water Main Pipeline
					Pumping Line
					Distribution Pipeline
					Service Pipeline
					Strom Water Drain
	Town Name	Town_Name	Text	50	Town Name
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Construction Material	Cons_Mat	Text	50	PSC/ DI/ HDPE/ MS/ RCC/ Others/ GI/ AC/ CI/ PVC
	Pipe Dia in (mt.)	Pipe_Dia	Numeric	15	Pipe Diameter in meters
	Length	Length	Numeric	15	Length in meters
	Water Line Nature	WL_Nature	Text	30	Existing/ Proposed/ Doubling/ feeder/ mainline/ minor line

1.1.3 Water Supply Network-Point

Geometry type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Water Supply ID	WS_Line_ID	Alpha-numeric	30	UniqueId
	Type of Water Structure	WS_Type	Text	50	Water Treatment Plant
					Water Pumping Station
					Ground Level Reservoir
					Supply Valve
					Over Head Tank
					Public Stand Post
					Tube Well
					Hand Pump
					Storm Water Vent
	Town Name	Town_Name	Text	50	Town Name
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Capacity	Capacity	Text	30	Capacity of the Treatment plant, Pumping station, GLR, and overhead tank in the respective units
	Water Structure Nature	WS_Nature	Text	40	Existing/Proposed

1.1.4 Sewerage Network – Line Feature

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line	Sewerage ID	SW_Line_ID	Alpha-numeric	30	Unique Id
	Type of Sewerage Line	SW_Line	Text	50	Pumping Line
					Main Sewer Line
					Branch Sewer Line
					Service Sewer Line
	Town Name	Town_Name	Text	50	Town Name
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Construction on Material	Cons_Mat	Text	20	PSC/DI/HDPE/MS/ RCC/Others/GI/AC /CI/PVC
	Pipe Dia in mt.	Pipe_Dia	Numeric	15	Pipe Diameter in meters
	Length	Length	Numeric	15	Length in meters
	Water Line Nature	WL_Nature	Text	40	Existing/ Proposed/ Doubling/ feeder/mainline/ minor line

1.1.5 Sewerage Network – Point Feature

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	SewerageID	SW_Line_ ID	Alpha-numeric	30	Unique Id
	Type Sewerage Structure	SW_Type	Text	50	Sewage Treatment Plant
					Sewage Pumping Station
					Manhole
					Vent Valve
	Town Name	Town_Name	Text	50	Town Name
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Capacity	Capacity	Text	50	Capacity of the Treatment plant, Pumping station, GLR, and overhead tank in the respective units
	Water Structure Nature	WS_Nature	Text	40	Existing/Proposed

1.1.6 Drainage

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line/Polygon	Drainage Line ID	DR_Line_ID	Alpha-numeric	30	Unique identifier for each drainage line
	Type of Drainage Line	DR_Type	Text	50	Storm Drain / Sewer Line / Open Channel / Culvert / Combined Drain
	Town Name	Town_Name	Text	50	Name of the town where the drainage line is located
	District Name	Dist_Name	Text	50	Name of the district
	State Name	State_Name	Text	50	Name of the state
	Construction Material	Cons_Mat	Text	50	RCC / Brick / Stone / HDPE / CI / Others
	Drain Width (m)	Drain_Width	Numeric	15	Width of the drain in meters
	Drain Depth (m)	Drain_Depth	Numeric	15	Depth of the drain in meters
	Length (m)	Length	Numeric	15	Length of the drainage line in meters
	Drainage Line Status	DR_Nature	Text	30	Existing / Proposed / Rehabilitation / Temporary
	Connectivity Type	Conn_Type	Text	30	Main / Branch / Outfall / Interceptor
	Discharge Point	Discharge_Point	Text	50	River / Nallah / STP / Open Land / Others
	Maintaining Authority	Maint_Resp	Text	50	ULB / PHED / PWD / Private / Others

2.1 Additional Layer

2.1.1 Transport Nagar

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Transport Nagar ID	tn_id	Alpha-numeric	30	Unique Id
	Area	area_acre	Double	10 Digit to 2 Decimals	Area of the Transport Nagar in Acre
	City Name	city_name	Text	50	Name of City
	District Name	dist_name	Text	50	Name of District
	State/U.T.	state_name	Text	50	Name of State
	Type	authority	Text	50	UAD/Transport
	Highway Access	high_acc	Text	3	Access to Highway (Yes/No)
	Parking Capacity	parkin_cap	Numeric	10	Parking capacity for total number of trucks and trailers
	Warehouse Number	warehouse	Numeric	10	Total Number of warehouses
	Storage Capacity	stor_cap	Double	10 Digit to 4 Decimals	Total Storage capacity of warehouses in metric Tons
	Facilities Available	amenities	Text	200	Weighing bridges, eateries, office spaces, dormitories, fuel stations etc.

2.1.2 Road inside urban area

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line	Road ID	rd_id	Alpha-numeric	30	Unique Id
	Road Type	road_type	Text	50	Concrete/Asphalt
	Road Name	road_name	Text	50	Road Name
	Length	length_km	Double	10 Digit to 4 Decimals	Length (in km)
	Number of Lanes	num_lanes	Numeric	5	Number of Lanes, e.g. <2, 2, 4
	Surface Type	surf_type	Text	50	Surface type, e.g. Asphalt, concrete, unpaved

2.1.3 Multi-Level Parking

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Multi-Level Parking ID	mlp_id	Alpha-numeric	30	Unique Id
	Area	area_acre	Double	10 Digit to 2 Decimals	Area of the Total parking area in Acre
	Number of Levels	num_lev	Numeric	5	No of levels in Parking area
	Parking Capacity	parkin_cap	Numeric	5	Capacity for total No of cars
	EV Charging Facility	elec_chrg	Alphanumeric	10	If Yes - number of charging point If No – NA
	Car Servicing Facility	servicing	Text	3	Car Servicing Facility available (Yes/No)

2.1.4 Ward Boundary & Zone Boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Ward ID	Ward_ID	Alpha-numeric	20	Unique identifier for each ward
	Ward Name	Ward_Name	Text	50	Official name of the ward
	Town Name	Town_Name	Text	50	Name of the town or city
	District Name	Dist_Name	Text	50	Name of the district
	State Name	State_Name	Text	50	Name of the state
	Ward Area (sq.km)	Ward_Area	Numeric	15	Area of the ward in square kilometers
	Population (Total)	Pop_Total	Numeric	15	Total population of the ward
	Male Population	Pop_Male	Numeric	15	Total male population
	Female Population	Pop_Female	Numeric	15	Total female population
	Population Year	Pop_Year	Numeric	4	Year of population data (e.g., 2021)
	Literacy Rate (%)	Literacy_Rate	Numeric	5	Literacy rate in percentage
	SC Population (%)	SC_Pop_Percent	Numeric	5	Scheduled Caste population percentage
	ST Population (%)	ST_Pop_Percent	Numeric	5	Scheduled Tribe population percentage

2.1.5 Vegetable Market

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Market ID	vegmkt_id	Alpha-numeric	30	Unique identifier
	Name	name	Text	100	Name of the market
	Area (in acre)	area_acre	Double	10 Digit to 2 Decimals	Area of the market
	No. of Vendors	num_vendors	Numeric	10	Total number of vendors/stalls
	Covered/Open	cover_type	Text	20	Covered / Open
	Operating Days	op_days	Text	50	All days / Specific days
	Location Description	location	Text	255	Address or landmark
	Authority	authority	Text	100	Municipality / Market Committee
	Parking Availability	parking	Text	3	Yes / No
	Fresh water Facility	Frsh_Water	Text	3	Yes / No
	Wet Waste Processing Unit	Wet_Wst_Unit	Text	3	Yes / No
	Drainage System	Drain_Sys	Text	3	Yes / No
	Latitude	lat	Degree Decimal	Ex. 26.4812	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012	Longitude

2.1.6 Sports Infrastructure (Stadiums)

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Polygon	OTH	stdm_id	Alpha-numeric	30	Unique ID for the stadium
	Stadium Name	stdm_name	Text	100	Name of the stadium
	Location	location	Text	200	Address or landmark
	Sports Hosted	hosted_sports	Text	100	E.g., Cricket, Football, Athletics
	Seating Capacity	seat_cap	Numeric	10	Total seating capacity
	Year Built	year_const	Numeric	4	Year of construction
	Ownership Type	own_type	Text	50	State Govt / Central / Private / PPP
	Key Infrastructure	infra_type	Text	100	E.g., Synthetic Track, Gallery, Floodlights

2.1.7 Community/Public Toilet

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Toilet ID	toilet_id	Alpha-numeric	30	Unique identifier
	Type	type	Text	30	Community / Public
	Location Description	location	Text	255	Address or landmark
	Gender Usage	gender_use	Text	20	Male / Female / Unisex
	Facilities	facilities	Text	255	Water, Lighting, Disabled Access
	Maintenance Authority	maint_auth	Text	100	ULB / NGO / Private
	Operating Hours	op_hour	Text	50	e.g., 24/7, 6AM-10PM
	Cleaning Frequency	clean_freq	Text	30	Daily / Weekly
	Latitude	lat	Degree Decimal	Ex. 26.4812	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012	Longitude

2.1.8 Commercial complex

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Commercial Complex ID	cc_id	Alpha-numeric	30	Unique identifier for each commercial complex.
	Name	name	Text	100	Name of the commercial complex.
	Location	location	Text	255	Address or general location description.
	City	city	Text	50	City where commercial complex is located.
	Total Floor Area	floor_area	Double	10 Digit to 4 Decimals	Total floor area of the commercial complex in square feet.
	Number of Floors	num_floor	Numeric	10	Total number of floors in the commercial complex.
	Year Built	year_built	Numeric	10	Year the commercial complex was constructed.
	Ownership	ownership	Text	100	Name of the owner or owning organization.
	Number of Units	num_unit	Numeric	20	Total number of units (shops/offices) in the complex.
	Main Purpose	purpose	Text	50	Main use of the complex (e.g., Retail, Office, Mixed-use).
	Parking Availability	parking	Text	3	Parking availability (Yes/No)
	Parking Capacity	parkin_cap	Numeric	20	Number of vehicles the parking area can accommodate.
	Elevator Availability	elev_avail	Text	3	Indicates if elevators are available (Yes/No)
	Accessibility Features	access	Text	255	Accessibility features (e.g., Wheelchair Access, Ramps).
	Power Backup Availability	power_bk	Text	3	Indicates if power backup is available (Yes/No)
	Latitude	lat	Degree Decimal	Ex. 26.4812	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012	Longitude

2.1.9 Generic medicine stores (Dhanwantari)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	ID	medstor_id	Alpha-numeric	30	Unique identifier for each medicine store.
	Name	name	Text	100	Name of the medicine store.
	Location	location	Text	255	Address or general location description.
	City	city	Text	50	City where the medicine store is located.
	State/U.T.	state_name	Text	50	Name of State
	Year Established	year_est	Numeric	10	Year the medicine store was established.
	Contact Number	contact	Text	15	Primary contact number of the store.
	Operating Hours	op_hour	Text	50	Operating hours of the store (e.g., 9AM-9PM, 24/7).
	Medicine Availability	med_avl	Text	255	Types of medicines available (e.g., Generic, OTC, Prescription).
	Certification/ License Number	lic_no	Text	50	Certification or license number of the store.
	Latitude	lat	Degree Decimal	Ex. 26.4812	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012	Longitude

2.1.10 Park/Garden

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Park/Garden ID	park_id	Alpha-numeric	30	Unique identifier for each park/garden
	Name	name	Text	100	Name of the park or garden
	Area (in acre)	area_acre	Double	10 Digit to 2 Decimals	Area of the park/garden
	Location Description	location	Text	255	Address or general location
	City Name	city_name	Text	50	Name of City
	District Name	dist_name	Text	50	Name of District
	Type	type	Text	50	Park / Garden / Urban Green Space
	Amenities	amenities	Text	255	Walking track, benches, lights, kids play area etc.
	Maintenance Authority	maint_auth	Text	100	ULB / Municipal Corporation / Private
	Open Gym	Opn_Gym	Text	3	Yes/No
	Kids Play Area	Kids_Area	Text	3	Yes/No
	Latitude	lat	Degree Decimal	Ex. 26.4812	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012	Longitude

3 Chhattisgarh Revenue & Disaster Management

3.1 Mandatory Layer

3.1.1 Cadastral

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Bhu Code	Bhu_Code	Alpha-numeric	30	Unique_id
	Survey Number	Survey_Num	Alpha-numeric	30	Khasra Number/Survey Number
	Ownership	Owner_Ship	Text	50	Central Govt./ State Govt/Private/Agriculture/ wasteland/Forest /others
	Village	Vill_Name	Text	50	Name of Location/Village
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Area	Area	Double	Upto4 decimals	Area of Village Cadastral or Parcel

3.1.2 Soil

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Soil	Soil_ID	Alpha-numeric	30	Unique_id
	Type of Soil	Soil_Type	Text	50	Forest & Mountains Soil/ Alluvial/Red and Yellow/ Black/ Laterite/ Arid
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Area	Area	Double	Upto4 decimals	Area of Soil Parcel

3.1.3 Seismicity

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Seismicity	Seimic_ID	Alpha-numeric	30	Unique_id
	Type of Seismic Zones	Seismic Zones	Text	50	Earthquake Zone /Landslide/Flood Line/Landslide
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Area	Area	Double	Upto4 decimals	Area of polygon

3.2 Additional Layer

3.2.1 Patwari Halka Boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Halka ID	halka_id	Alpha-numeric	30	Unique ID for each Patwari Halka.
	Name	name	Text	100	Name of the Patwari Halka.
	Patwari Name	patwari_name	Text	100	Name of the Patwari responsible.
	Village(s) Covered	villages	Text	255	List of villages under the Halka.
	Block	block	Text	100	Administrative block of the Halka.
	Tehsil	tehsil	Text	100	Tehsil in which the Halka falls.
	District	district	Text	100	District in which the Halka falls.
	State	state	Text	50	State where the Halka is located.
	Area (sq km)	area_km2	Numeric	10	Total area covered by the Halka.
	Number of Revenue Villages	num_vill	Numeric	20	Total revenue villages in the Halka.

3.2.2 Rainfall Gauge Station

Geometry Type	Attribute Name	Field Name	Type	Width	Description
Point	Rainfall ID	rain_id	Alpha-numeric	30	Unique identifier for each rain gauge station.
	Year	year	Numeric	4	Year of the rainfall data.
	Average Rainfall (mm)	avg_rainfall	Numeric	10	Average annual rainfall in millimeters.
	Max Rainfall (mm)	max_rainfall	Numeric	10	Maximum recorded rainfall in millimeters.
	Min Rainfall (mm)	min_rainfall	Numeric	10	Minimum recorded rainfall in millimeters.
	Rainfall Category	rainfall_cat	Text	50	Classification of rainfall (Low, Moderate, Heavy).
	Tehsil	tehsil	Text	100	Tehsil where the station is located.
	Circle	circle	Text	100	Administrative circle for the station.
	District	district	Text	100	District where the station is located.
	State	state	Text	50	State where the station is located.
	Latitude	lat	Double	10 (6 decimals)	Latitude in WGS 84.
	Longitude	long	Double	10 (6 decimals)	Longitude in WGS 84.
	Last Updated	last_updated	Date	-	Date of latest data entry or verification.

3.2.3 Annual Rainfall Data

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Rainfall ID	rain_id	Alpha-numeric	30	Unique ID for the rainfall data.
	Year	year	Numeric	4	Year of the rainfall data.
	Average Rainfall (mm)	avg_rainfall	Numeric	10	Average annual rainfall in mm.
	Max Rainfall (mm)	max_rainfall	Numeric	10	Maximum recorded rainfall in mm.
	Min Rainfall (mm)	min_rainfall	Numeric	10	Minimum recorded rainfall in mm.
	Rainfall Category	rainfall_cat	Text	50	Classification (Low, Moderate, Heavy).
	Tehsil	tehsil	Text	100	Tehsil where data was recorded.
	Circle	circle	Text	100	Administrative circle for rainfall data.
	District	district	Text	100	District where data was recorded.
	State	state	Text	50	State where data was recorded.
	Data Source	data_source	Text	255	Source of rainfall data (IMD, Govt. Reports)

3.2.4 Flood Zone

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Flood Zone ID	flood_id	Alpha-numeric	30	Unique ID for each flood zone.
	Name	name	Text	100	Name of the flood zone.
	Flood Severity	severity	Text	50	Severity classification (Low, Medium, High).
	Last Major Flood Year	flood_year	Numeric	4	Year of the last major flood.
	Affected Area (sq km)	area_km2	Numeric	10	Total area affected by flooding.
	Population Affected	pop_affected	Numeric	20	Estimated population affected.
	Villages Affected	villages_aff	Text	255	List of villages affected by floods.
	District	district	Text	100	District where the flood zone is located.
	State	state	Text	50	State where the flood zone is located.
	Flood Frequency	flood_freq	Text	50	Frequency (e.g., Annual, 5-Year, 10-Year).

4 Public Works Department

4.1 Mandatory Layer

4.1.1 Roads

Geometry type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line	Road ID	Rd_ID	Alphanumeric	30	Unique Id
	Road Type	Road_Type	Alphanumeric	50	AH/ NH/ SH/ MDR/ ODR/ MR / Village
	Road Name	Road_Name	Text	50	Road Name
	Length	Length	Double	10 Digit to 4 Decimals	Length (in km)

4.2 Additional Layer

4.2.1 MDR/ ODR/ MSSY/ Village Road/ FCI Approach Road/upcoming or proposed roads

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line	Road ID	rd_id	Alpha-numeric	30	Unique Id
	Road Type	road_type	Text	50	SH/ MDR/ ODR/ MSSY/ Village Road/ FCI Approach Road
	Road Name	road_name	Text	50	Road Name
	Length	length_km	Double	10 Digit to 4 Decimals	Length (in km)
	Number of Lanes	num_lanes	Numeric	5	Number of Lanes, e.g. <2, 2, 4, 6
	Surface Type	surf_type	Text	50	Surface type, e.g. Asphalt, concrete, unpaved

4.2.2 Circle boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Field Width	Description
Polygon	Circle ID	circle_id	Alpha-numeric	30	Unique identifier for the circle boundary
	Circle Name	circle_name	Text	100	Name of the PWD/Administrative Circle
	Division Name	div_name	Text	100	Name of the Division under which the circle falls
	District Name	dist_name	Text	100	District in which the circle is located
	Zone	zone	Text	50	Zone/Region classification (if applicable)
	Officer In-Charge	officer_name	Text	100	Name of the officer managing the circle
	Contact Number	contact_no	Numeric/Text	15	Contact number of officer/office

4.2.3 Bridges

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Field Width	Description
Point / Line	Bridge ID	bridge_id	Alpha-numeric	30	Unique identifier for each bridge
	Bridge Name	bridge_name	Text	100	Name of the bridge
	Road Name	road_name	Text	100	Road on which the bridge is located
	River/Crossing Name	crossing_name	Text	100	Name of river or feature the bridge crosses
	Type of Bridge	bridge_type	Text	50	RCC, Steel, Suspension, etc.
	Total Length (m)	length_m	Double	10 (4 decimals)	Length of the bridge in meters
	Width (m)	width_m	Double	10 (4 decimals)	Width of the bridge in meters
	Year of Construction	year_construct	Numeric	4	Year the bridge was constructed
	Condition Status	cond_status	Text	50	Good, Fair, Poor
	Load Capacity (Tons)	load_cap	Double	10 (2 decimals)	Maximum permissible load
	Latitude	lat	Degree Decimal	e.g., 26.5471	Latitude of bridge location
	Longitude	long	Degree Decimal	e.g., 80.6438	Longitude of bridge location

5 Department of Home

5.1 Mandatory Layer

5.1.1 Traffic Lights

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Signal ID	signal_id	Alpha-numeric	30	Unique ID
	City Name	City_Name	Text	50	Name of City
	District Name	Dist_Name	Text	50	Name of District
	State/U.T.	State_Name	Text	50	Name of State
	Junction Name	junction	Text	100	Name of junction/intersection
	Working Status	status	Text	20	Working / Non-working
	Authority	Authority	Text	50	Govt/Semi/ULB/other
	Mode Type	mode	Text	30	Manual, Automatic, Sensor based
	Camera Surveillance	camera	Text	10	Yes / No
	Power Backup	pwr_backup	Text	10	Yes / No
	Height	Height	Alphanumeric	25	Traffic Light Height
	Latitude	lat	Decimal	-	Latitude
	Longitude	long	Decimal	-	Longitude

5.2 Additional Layer

5.2.1 Police station

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Police Station ID	ps_id	Alpha-numeric	30	Unique identifier
	Police Station Name	ps_name	Text	100	Name of police station
	Type	ps_type	Text	30	Urban, Rural, Traffic
	Address	address	Text	100	Full address
	Contact Number (100)	contact_100	Text	20	Emergency police number
	Women Helpline (109)	contact_109	Text	20	Women's helpline
	Child Helpline (1098)	contact_1098	Text	20	Child helpline
	Email Address	email	Text	100	Official email
	Number of Personnel	num_persnl	Numeric	10	Total staff count
	Vehicles Available	vehicle_avl	Text	100	Vehicle types and counts
	Latitude	lat	Degree Decimal	-	Latitude
	Longitude	long	Degree Decimal	-	Longitude

5.2.2 Police Chowki (Outposts)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Chowki ID	chowki_id	Alpha-numeric	30	Unique ID
	Chowki Name	chowki_name	Text	100	Name of Chowki
	Parent Police Station	parent_ps	Text	100	Parent station jurisdiction
	Contact Number	contact	Text	20	Phone number
	Chowki Type	chowki_type	Text	30	Beat, Temporary, Permanent
	Number of Staff	num_staff	Numeric	10	Number of personnel
	Latitude	lat	Decimal	-	Latitude
	Longitude	long	Decimal	-	Longitude

5.2.3 Accidental Zones

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Accident Zone ID	acc_zone_id	Alpha-numeric	30	Unique ID
	Accident Frequency	acc_freq	Numeric	10	Number of accidents annually
	Casualty Rate	casualty_rate	Double	10 Digit to 2 Decimals	Injury/death rate per year
	Zone Classification	zone_class	Text	20	Red (High risk), Grey (Moderate risk), Green (Low)
	Cause Analysis	cause	Text	100	Common causes (e.g., Overspeed, Poor visibility)
	Nearby Landmarks	landmark	Text	100	Hospitals, police stations, etc.

5.2.4 Fire Station

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Fire Station ID	stn_id	Alpha-numeric	30	Unique identifier for each fire station
	Fire Station Name	stn_name	Text	100	Name of the fire station
	Address	address	Text	100	Address of the fire station
	City	city	Text	50	City of fire station
	District Name	dist_name	Text	50	Name of the district where the fire station is located
	State Name	state_name	Text	50	Name of the state where the fire station is located
	Fire Station Type	stn_type	Text	30	Type of fire station (e.g., Urban, Industrial, Airport)
	Contact Number	contact	Text	20	Phone number of fire station
	Email Address	email	Text	100	Official email of fire station
	Number of Personnel	num_persnl	Numeric	10	Total number of personnel in the fire station
	Number of Vehicles	vehi_cnt	Numeric	10	Total number of fire service vehicles available
	Vehicle Types	vehi_typ	Text	100	Types of vehicles (e.g., Fire Truck, Water Tanker)
	Established Year	year_est	Numeric	10	Year the fire station was established
	Response Time (Minutes)	respnse_tm	Double	10 Digit to 4 Decimals	Average response time of the fire station in minutes
	Number of Incidents	ann_incdnt	Numeric	10	Total number of incidents handled annually
	Resource Availability	resrc_avl	Text	100	Key resources available (e.g., Ladders, Pumps, Extinguishers)
	Nearby Landmarks	landmark	Text	100	Nearby landmarks for easy identification

	Water Capacity (Liters)	water_cap	Double	10 Digit to 4 Decimals	Total water storage capacity available at fire station (KL)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

5.2.5 Check posts

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Checkpost ID	chkpost_id	Alpha-numeric	30	Unique identifier
	Checkpost Name	chkpost_name	Text	100	Location name
	Type	chkpost_type	Text	30	Static, Mobile, Night
	Purpose	purpose	Text	50	Security, Border, Traffic
	Parent Police Station	parent_ps	Text	100	Jurisdiction
	Staff Count	staff_cnt	Numeric	10	Number of personnel
	Operational Hours	opn_hrs	Text	30	24x7, Day, Night
	Latitude	lat	Degree Decimal	-	Latitude
	Longitude	long	Degree Decimal	-	Longitude

5.2.6 Crime Hotspots

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Hotspot ID	crime_id	Alpha-numeric	30	Unique identifier for crime hotspot
	Crime Type	crime_type	Text	50	Type of crime (e.g., Theft, Assault, Robbery)
	IPC Section	ipc_section	Text	50	Indian Penal Code Section number relevant to crime
	Frequency	crime_freq	Numeric	10	Number of incidents in specified period
	Severity Index	sev_index	Double	10 Digit to 2 Decimals	Relative severity on a scale (e.g., 1 to 10)
	Zone Classification	zone_class	Text	20	Red (High), Grey (Moderate), Green (Low)
	Time Pattern	time_pattern	Text	50	Peak crime times (day/night)
	Remarks	remarks	Text	100	Additional info/notes

5.2.7 Police Station Jurisdiction Boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Police Station ID	ps_id	Alpha-numeric	20	Unique identifier for each police station jurisdiction boundary
	Police Station Name	ps_name	Text	100	Name of the police station
	Jurisdiction Area (Sq. Km)	juris_area	Double	10 Digit to 4 Decimals	Total area covered by the police station jurisdiction in square kilometers
	District Name	dist_name	Text	50	Name of the district covered by the police station
	State Name	state_name	Text	50	Name of the state where the jurisdiction is located
	Police Station Type	ps_type	Text	30	Type of police station jurisdiction (e.g., Urban, Rural, Traffic)
	Contact Number	contact	Text	20	Phone number for the police station jurisdiction
	Email Address	email	Text	100	Official email address for the police station jurisdiction
	Number of Personnel	num_persnl	Numeric	10	Total number of personnel in the jurisdiction area
	Nearby Landmarks	landmark	Text	100	Description of nearby landmarks for easy identification of jurisdiction
	Infrastructure Type	infra_type	Text	30	Type of infrastructure present (e.g., Permanent, Temporary)

6 Panchayat & Rural Development Department

6.1 Mandatory Layer

6.1.1 Village Habitation

Geometry	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Village _ID	Vill_ID	Alpha-numeric	30	Unique Id
	Village Name	Vill_Name	Text	50	Name of Village
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Area	Area	Numeric	25	Area (in Sq.km)
	Village Population	Village_Popu	Numeric	50	No. of Population
	LGD Code	LGD_Code	Numeric	30	LGD Codes

6.2 Additional Layer

6.2.1 Village, Gram Panchayat & Janpad panchayat boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Janpad or Zila panchayat ID	jp_id	Alpha-numeric	30	Unique identifier for each Zila Panchayat
	Population Covered	population	Numeric	20	Total population residing within the boundary.
	Number of Gram Panchayats	num_gp	Numeric	20	Number of Gram Panchayats within the Zila Panchayat boundary.
	Year Established	year_est	Numeric	10	Year when the Zila Panchayat was established.
	Governing Body Name	govt_body	Text	100	Name of the governing body or chairperson.
	Administrative Center	admin_cntr	Text	255	Address or name of the administrative center of the Panchayat.
	Main Functions	function	Text	255	Key functions performed by the Zila Panchayat (e.g., Rural Development, Education).
	Budget (INR)	budget	Double	10 Digit to 4 Decimals	Annual budget allocated to the Zila Panchayat in INR.

6.2.2 PMGSY/MMGSY Road

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Line	Road ID	rd_id	Alpha-numeric	30	Unique Id
	Road Type	road_type	Text	50	PMGSY
	Road Name	road_name	Text	50	Road Name
	Length	length_km	Double	10 Digit to 4 Decimals	Length (in km)
	Number of Lanes	num_lanes	Numeric	5	Number of Lanes, e.g. <2, 2, 4, 6
	Surface Type	surf_type	Text	50	Surface type, e.g. Asphalt, concrete, unpaved

6.2.3 Self Help Group (SHG) SOP per Village

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Point	Village ID	village_id	Alpha-numeric	30	Unique identifier for each village
	Village Name	village_name	Text	50	Name of the village
	SHG ID	shg_id	Alpha-numeric	30	Unique identifier for each SHG
	SHG Name	shg_name	Text	50	Name of the Self Help Group
	Number of Members	num_members	Numeric	5	Total number of SHG members
	Formation Date	formation_date	Date	-	Date of SHG formation
	Activity Type	activity_type	Text	50	Primary activity (e.g., tailoring, dairy, handicrafts)
	Monthly Savings (INR)	monthly_savings	Double	10 (2 decimals)	Total monthly savings in INR
	Bank Linked	bank_linked	Boolean/Text	5	Yes/No or True/False
	Training Completed	training_done	Boolean/Text	5	Yes/No or True/False

7 Water Resources Department

7.1 Mandatory Layer

7.1.1 Water Resources Layer

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Water Resource	WRD_ID	Alphanumeric	30	Unique Id
	Village Name	Vill_Name	Text	50	Name of Village
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	WRD Type	WRD_TYPE	Text	50	River
					Stream
					Canal
					Drain
					Ponds
					Lake
					Tank
					Island (River/Lake)
					Reservoir
					Back Water
					Seaport area
	Name of WRD	WRD_Name	Text	50	e.g. Name of River, Pond etc.
	Area	Area	Numeric	20	Area (in Sq.km)

7.2 Additional Layer

7.2.1 Check Dam

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Check Dam ID	chkdm_id	Alpha-numeric	30	Unique code assigned to the check dam
	Check Dam Name	chkdm_name	Text	100	Name of the check dam
	Location	location	Text	100	Address or location of the check dam
	Height (m)	height_m	Double	10 Digit to 4 Decimals	Height of the check dam in meters
	Length (m)	length_m	Double	10 Digit to 4 Decimals	Length of the check dam in meters
	Storage Capacity	stor_cap	Double	10 Digit to 4 Decimals	Total storage capacity in cubic meters
	Purpose	purpose	Text	100	Purpose of the check dam (e.g., Irrigation, Water Conservation)
	Construction Year	built_year	Numeric	10	Year when the check dam was constructed
	Maintenance Status	status	Text	50	Status of the dam's maintenance (e.g., Active, Under Repair)
	Structural Condition	struc_cond	Text	50	Condition of the dam structure (e.g., Good, Needs Repair)
	Catchment Area (Sq.km)	catch_area	Double	10 Digit to 4 Decimals	Area contributing water to the dam in square kilometers
	Flood Protection Capacity	flood_prot	Text	3	Whether the dam serves flood protection (Yes/No)
	Irrigation Area (Ha)	irrig_area	Double	10 Digit to 4 Decimals	Area irrigated by the check dam in hectares
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

8 Town & Country planning

8.1 Additional Layer

8.1.1 Planning boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Planning Boundary ID	plan_id	Alpha-numeric	30	Unique identifier for the planning boundary
	Planning Boundary Name	plan_name	Text	100	Name of the planning area
	Planning Type	plan_type	Text	50	Master Plan / Zonal Plan / Development Plan
	Area (sq km)	area_sqkm	Double	10 Digit to 4 Decimals	Total area covered under the planning boundary
	Remarks	remarks	Text	200	Additional notes or reference

9 Housing & Environment Department (CGHB)

9.1 Additional layer

9.1.1 commercial complex

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	ID	cc_id	Alpha-Numeric	30	Unique identifier for each commercial complex.
	Name	name	Text	100	Name of the commercial complex.
	Location	location	Text	255	Address or general location description.
	City	city	Text	50	City where the commercial complex is located.
	State	state	Text	50	State where the complex is located.
	Total Area (sq.ft.)	total_area	Double	10 Digit to 4 Decimals	Total land area of the commercial complex.
	Built-up Area (sq.ft.)	built_area	Double	10 Digit to 4 Decimals	Built-up area of the commercial complex.
	Number of Units	num_unit	Numeric	10	Number of shops, offices, or units in the complex.
	Number of Floors	num_floor	Numeric	10	Total number of floors in the complex.
	Main Purpose	purpose	Text	50	Main usage of the complex (e.g., Retail, Office, Mixed-use).
	Parking Capacity	parkin_cap	Numeric	20	Number of parking spaces available.
	Accessibility Features	access	Text	255	Accessibility features (e.g., Wheelchair Access, Elevators).
	Year Built	year_built	Numeric	10	Year the commercial complex was constructed.
	Ownership	ownership	Text	100	Name of the owner or organization managing the complex.
	Power Backup Availability	power_bk	Text	3	Indicates if power backup is available (Yes/No).

9.1.2 Housing Colonies

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	ID	housing_id	Alpha-numeric	30	Unique identifier for each housing colony.
	Name	name	Text	100	Name of the housing colony.
	Location	location	Text	255	Address or general location description.
	City	city	Text	50	City where the housing colony is located.
	State	state	Text	50	State where the housing colony is located.
	Total Area (sq.ft.)	area_sqft	Double	10 Digit to 4 Decimals	Total land area of the housing colony.
	Built-up Area (sq.ft.)	built_area	Double	10 Digit to 4 Decimals	Built-up area of the colony.
	Number of Units	num_unit	Numeric	10	Total number of residential units//Towers in the colony.
	Number of Floors	num_floor	Numeric	10	Number of floors in the buildings.
	Year Established	year_est	Numeric	10	Year the housing colony was established.
	Ownership Type	ownership	Text	50	Type of ownership (e.g., Government, Private, Cooperative).
	Amenities Available	amenities	Text	255	Amenities provided (e.g., Parks, Playgrounds, Security).
	Parking Capacity	parkin_cap	Numeric	20	Total parking spaces available.
	Power Backup Availability	power_bk	Text	3	Indicates if power backup is available (Yes/No).
	Accessibility Features	access	Text	255	Accessibility features (e.g., Wheelchair Access, Ramps).

10 Naya Raipur Development Authority

10.1 Additional layer

10.1.1 Cluster Boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Cluster ID	clust_id	Alpha-numeric	30	Unique identifier for the cluster
	Cluster Name	clust_name	Text	100	Name of the cluster
	Cluster Type	clust_type	Text	50	Residential / Industrial / Mixed Use
	Area (sq km)	area_sqkm	Double	10 Digit to 4 Decimals	Area of the cluster
	Key Facilities	facilities	Text	200	Major facilities (schools, industries, utilities, etc.)

10.1.2 Sector Boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Sector ID	sect_id	Alpha-numeric	30	Unique identifier for the sector
	Sector Name	sect_name	Text	100	Sector name or number
	Sector Type	sect_type	Text	50	Residential / Commercial / Institutional
	Area (sq km)	area_sqkm	Double	10 Digit to 4 Decimals	Area of the sector
	Development Status	dev_status	Text	50	Developed / Under Development / Proposed

10.1.3 Parking

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Parking ID	park_id	Alpha-numeric	30	Unique ID of the parking area
	Parking Type	park_type	Text	50	Surface / Multilevel / Basement
	Capacity (Vehicles)	capacity	Integer	5	Total parking capacity in number of vehicles
	Location	location	Text	200	Location or landmark
	Status	status	Text	50	Operational / Under Construction / Proposed

10.1.4 CBD

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	CBD ID	cbd_id	Alpha-numeric	50	Unique identifier for the CBD
	CBD Name	cbd_name	Text	100	Name of the CBD
	Location	location	Text	200	Description or address of the CBD
	Area (sq km)	area_sqkm	Double	10 Digit to 4 Decimals	Total area of the CBD in square kilometers
	Land Use	land_use	Text	100	Type of land use (e.g., Commercial, Mixed-use, Residential)
	Key Features	features	Text	200	Key features in the CBD (e.g., shopping malls, Office Buildings, Public Spaces)
	Commercial Activity	com_actvty	Text	200	Types of commercial activities (e.g., Retail, Office Spaces)
	Infrastructure Status	inf_status	Text	50	Status of the infrastructure (e.g., Developed, Under Development)

10.1.5 Industrial parks (EMC, Textiles)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Industrial Park ID	indus_id	Alpha-numeric	30	Unique identifier for the industrial park
	Industrial Park Name	indus_name	Text	50	Name of the industrial park
	Area	area_sqkm	Double	10 Digit to 4 Decimals	Area (in Sq.km)
	Location	location	Text	200	Description or address of the industrial park
	District Name	dist_name	Text	50	District Name
	State Name	state_name	Text	50	State Name
	Industrial Zone Type	indus_type	Text	50	Electronics Manufacturing Cluster/ Textile
	Project Details	pro_status	Text	50	Complete/ongoing/ sanctioned/planning

10.1.6 Land use notified

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Land Use ID	lu_id	Alpha-numeric	30	Unique identifier for the land use zone
	Land Use Type	lu_type	Text	100	Type of land use (e.g., Residential, Commercial, Industrial)
	Notification Number	notif_no	Text	50	Gazette notification or reference number
	Notification Date	notif_date	Date	-	Date of official notification
	Area (sq km)	area_sqkm	Double	10 Digit to 4 Decimals	Area of land use zone in square kilometers
	Remarks	remarks	Text	200	Any additional information

10.1.7 Village Boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Village Code	vill_code	Alpha-numeric	30	Unique code of the village
	Village Name	vill_name	Text	100	Name of the village
	Tehsil Name	tehsil	Text	50	Tehsil or sub-district name
	District Name	dist_name	Text	50	Name of the district
	Area (sq km)	area_sqkm	Double	10 Digit to 4 Decimals	Area of the village polygon

11 Transport Department

11.1 Additional Layer

11.1.1 RTO Check Post

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	RTO Checkpost ID	chkpost_id	Alpha-numeric	30	Unique identifier for the RTO checkpost
	RTO Checkpost Name	chkpost_nm	Text	100	Name of the RTO checkpost
	Location	location	Text	200	Location description or address of the RTO checkpost
	Checkpost Type	type	Text	50	Type of checkpost (e.g., Border, Internal, Interstate)
	Distance to Nearest Station	dist_stn	Double	10 Digit to 4 Decimals	Distance to nearest transport station or checkpoint
	Proximity to State Border	prox_bordr	Double	10 Digit to 4 Decimals	Proximity to the state border (for interstate checkposts)
	Vehicle Inspection Facilities	insp_fac	Text	200	Facilities available for vehicle inspection (e.g., Weight, Emission, Papers)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

12 Department of Food and Civil Supplies

12.1 Mandatory Layer

12.1.1 Petrol/ Diesel outlet

Geometry type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Petrol/ Diesel outlet	PLDL_ID	Alphanumeric	30	Unique Id
	City Name	City_Name	Text	50	Name of City
	District Name	Dist_Name	Text	50	Name of District
	State/U.T.	State_Name	Text	50	Name of State
	Density	Density	Text	50	UoM
	Capacity	Capacity	Alphanumeric	50	Capacity
	year of commission	Year_Comm	Alphanumeric	50	Year of Commission
	Latitude	Lat	Degree Decimal Minutes	Ex. 26° 50' 48.102" N	Latitude
	Longitude	Long	Degree Decimal Minutes	Ex. 80° 56' 46.2012" E	Longitude

12.2 Additional Layer

12.2.1 Electric Vehicle Charging Station

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	EV Charging Station ID	evcs_id	Alpha-numeric	20	Unique identifier for each ECS
	Station Name	evcs_name	Text	100	Name of the EV charging station
	Location	location	Text	100	Physical location (address or region) of the charging station
	Charging Type	chargn_typ	Text	50	Type of charger (e.g., Level 1, Level 2, DC Fast Charger)
	Number of Charging Points	num_points	Numeric	20	Total number of charging points available at the station
	Station Capacity (kW)	max_cap_kv	Double	10 Digit to 4 Decimals	Maximum power capacity of the station in kW
	Charging Speed (kW)	chargn_spd	Double	10 Digit to 4 Decimals	Speed of charging (e.g., 22 kW, 50 kW)
	Availability Status	avl_status	Text	50	Current availability status (e.g., Available, In Use, Out of Service)
	Opening Hours	op_hours	Text	50	Operational hours for the charging station
	Nearby Amenities	amenities	Text	100	Nearby amenities (e.g., Restaurants, Washrooms, Shops)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

12.2.2 Weighing Bridge

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Weighing Bridge ID	wb_id	Alpha-numeric	30	Unique identifier for each Weighing Bridge
	Weighing Bridge Name	wb_name	Text	100	Name of the weighing bridge
	Location	location	Text	100	Physical location of the weighing bridge
	Bridge Type	bridge_typ	Text	50	Type of the weighing bridge (e.g., Pit, Surface)
	Capacity (Tons)	cap_tons	Double	10 Digit to 4 Decimals	Maximum weight capacity of the bridge in tons
	Weighing Method	weigh_mthd	Text	100	Method of weighing used (e.g., Manual, Automatic)
	Operational Status	op_status	Text	50	Operational status (e.g., Active, Out of Service)
	Last Calibration Date	calib_date	Text	20	Date of the last calibration of the weighing bridge
	Service Provider	ser_pro	Text	100	Service provider for the maintenance of the weighing bridge
	Operational Hours	op_hour	Text	50	Operational hours (e.g., 8 AM - 6 PM, 24 Hours)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

12.2.3 PDS (Public Distribution System)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	PDS ID	pds_id	Alpha-numeric	30	Unique identifier for the PDS location
	PDS Name	pds_name	String	100	Name of the PDS center
	Location	location	String	200	Address or description of the PDS location
	Type of PDS	pds_type	String	50	Type of PDS (e.g., Fair Price Shop, Ration Depot)
	District Name	dist_name	String	100	District where the PDS is located
	Capacity	capacity	Double	10 Digit to 4 Decimals	Maximum storage or service capacity of the PDS
	Beneficiaries Served	num_benf	Number	20	Number of beneficiaries served by the PDS
	Commodities Available	commod_avl	String	200	Commodities distributed (e.g., Rice, Wheat, Sugar)
	Operating Hours	op_hours	String	50	Operating hours (e.g., 9 AM - 5 PM)
	Contact Number	contact	String	15	Contact number for the PDS center
	Status	status	String	50	Operational status (e.g., Active, Inactive)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

13 Department of Civil Aviation

13.1 Additional Layer

13.1.1 Helipad

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Helipad ID	heli_id	Alpha-numeric	50	Unique identifier for the helipad
	Helipad Name	heli_name	Text	100	Name of the helipad
	Location	location	Text	200	Address or description of the helipad's location
	Capacity	capacity	Numeric	20	Maximum number of helicopters the helipad can accommodate
	Type	type	Text	50	Type of helipad (e.g., Civil, Military, Emergency)
	Surface Type	surf_type	Text	100	Type of surface (e.g., Concrete, Gravel, Grass)
	Emergency Services	emerg_serv	Text	200	Available emergency services (e.g., Medical, Fire)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

13.1.2 Air Strip

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Airstrip ID	air_id	Alpha-numeric	50	Unique identifier for the airstrip
	Airstrip Name	air_name	Text	100	Name of the airstrip
	Location	location	Text	200	Address or description of the airstrip's location
	Length	length_m	Double	10 Digit to 4 Decimals	Length of the airstrip (in meters)
	Width	width_m	Double	10 Digit to 4 Decimals	Width of the airstrip (in meters)
	Runway Surface Type	surf_type	Text	100	Type of surface (e.g., Asphalt, Concrete)
	Capacity	capacity	Numeric	20	Maximum capacity (e.g., number of aircraft it can handle)
	Air Traffic Control	atc	Text	3	Air traffic control availability (e.g., Yes, No)
	Accessibility	accessblty	Text	100	Accessibility to other transportation networks (e.g., Roads, Rail)
	Security Features	secur_feat	Text	200	Security features (e.g., Fencing, Surveillance, Controlled Access)
	Emergency Services	emerg_serv	Text	200	Available emergency services (e.g., Medical, Fire)
	Proximity to Nearest Airport	prox_airport	Text	100	Proximity to the nearest major airport or airfield
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

14 Chhattisgarh Forest and Climate Change

14.1 Mandatory Layer

14.1.1 Forest

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Forest	Forest_ID	Alpha-numeric	30	Unique_id
	Forest Bit No.	Forest_Bit_No.	Alpha-numeric	30	Forest Parcel Identification No.
	Type of Forest	Forest_Type	Text	50	Reserved Forest
					Protected/Notified Forest
					Wildlife Sanctuary
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Area	Area	Double	Upto4 decimals	Area of Forest Parcel

14.1.2 Eco-Sensitive Zones

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Eco-sensitive ID	Ecosen_ID	Alpha-numeric	30	Unique Id
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Eco-sensitive Zones Type	Eco_Zone_Type	Text	50	Bird Sanctuary
					Bio-diversity Park
					Botanical Garden
					Zoo
					National Park
					Mangrove
					Oxbow Lakes
					Paleochannels
	Area	Area	Numeric	20	Area (in Sq.km)

14.2 Additional Layer

14.2.1 Warehouses

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Warehouse ID	wh_id	Alpha-numeric	30	Unique identifier for each warehouse
	Warehouse Name	wh_name	Text	100	Name or title of the warehouse
	Location	location	Text	200	Address or location description
	Area (sq.m)	area_sqm	Double	10 Digit to 2 Decimals	Covered area of the warehouse in square meters
	Capacity (in MT)	capacity_mt	Double	10 Digit to 2 Decimals	Total storage capacity in metric tons
	Type of MFP Stored	produce_type	Text	150	Primary goods stored (e.g., Tamarind, Chironji, Lac)
	Ownership	ownership	Text	100	Government / Federation / Private
	Construction Type	constr_type	Text	100	Type of structure: RCC / Shed / Prefabricated etc.
	Security Availability	security_avail	Text	50	Yes / No – Whether there is watch & ward, fencing, etc.

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
	Infrastructure Status	infra_status	Text	50	Functional / Under Maintenance / Planned
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude (WGS 84)
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	Last Updated	last_updated	Date	-	Date of last data verification

14.2.2 Cold store units

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point / Polygon	Cold Store ID	cold_id	Alpha-numeric	30	Unique identifier for each cold store unit
	Name of Cold Store	cold_name	Text	100	Official or local name of the cold storage unit
	Location	location	Text	200	Address or brief description of the location
	Capacity (in Metric Tons)	capacity_mt	Double	10 Digit to 2 Decimals	Total cold storage capacity in metric tons
	Type of Produce Stored	produce_type	Text	150	Primary MFP items stored (e.g., Mahua, Tamarind, Amla, etc.)
	Managed By	managed_by	Text	100	Managing authority: Forest Dept/Federation/Private
	Temperature Control Range	temp_range	Text	50	Operating temperature range (e.g., -5°C to +5°C)
	Operational Status	oper_status	Text	50	Functional / Under Maintenance / Proposed
	Power Backup Availability	power_backup	Text	50	Yes / No – Whether power backup (e.g., DG) is available
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude (WGS 84)

	Longitude	long	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	Last Updated	last_updated	Date	-	Date of last data entry or verification

14.2.3 Minor Forest Produce (MFP)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point/ Polygon	MFP ID	mfp_id	Alpha-Numeric	30	Unique identifier for each mfp
	MFP Name	mfp_name	Text	100	Name of the minor forest produce (e.g., Medicinal Plants, Bamboo, Honey)
	MFP Type	mfp_type	Text	50	Type of minor forest produce (e.g., Edible, Medicinal, Fiber, Resin)
	Village Name	vill_name	Text	100	Name of the village
	Village Code	vill_code	Text	100	village code (LGD/ census code)
	Harvesting Season	harv_seasn	Text	50	Seasonal period during which the MFP is harvested
	Quantity Available (Kg)	quantity	Double	10 Digit to 4 Decimals	Available quantity of the MFP in kilograms
	Price per Unit	price_unit	Double	10 Digit to 4 Decimals	MSP of the produce per unit (e.g., per kg, per bunch)
	Market Name	markt_name	Text	100	Name of the market or vendor for selling MFP
	Demand	demand	Text	50	Demand for the MFP in the local or external market (e.g., High, Medium, Low)
	Collection Method	coll_meth	Text	100	Method of collection (e.g., Wild collection, Cultivation)
	Processing Required	proces_req	Text	50	Whether processing is required (Yes/No)
	Harvesting Method	harv_meth	Text	100	Method used to harvest the MFP (e.g.,

					Handpicked, Mechanized)
	Selling Channel	sell_chnl	Text	50	Whether produce is sold to govt or private
	Harvesting Authority	harv_auth	Text	50	Government or organizational body responsible for MFP harvesting regulation
	Export Status	exported	Text	3	Whether the MFP is being exported (Yes/No)

14.2.4 Zoo

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Zoo ID	zoo_id	Alpha-numeric	30	Unique identifier for each zoo
	Zoo Name	zoo_name	Text	100	Name of the zoo
	Zoo Type	zoo_type	Text	50	Type of zoo (e.g., Public, Private, Wildlife Sanctuary, Aquarium)
	Location	location	Text	100	Physical location of the zoo (city, state, country)
	Area (Sq. Km)	zoo_area	Double	10 Digit to 4 Decimals	Total area covered by the zoo in square kilometers
	Contact Number	contact	Text	20	Phone number of the zoo
	Email Address	email	Text	100	Official email address of the zoo
	Number of Animals	Num_animal	Numeric	10	Total number of animals in the zoo
	Number of Species	spp_cnt	Numeric	10	Total number of species represented in the zoo
	Opening Hours	op_hours	Text	50	Operational hours for visitors (e.g., 9 AM to 5 PM)
	Established Year	year_est	Numeric	10	Year the zoo was established
	Admission Fee	entry_fee	Double	10 Digit to 4 Decimals	Admission fee for adults (if applicable)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
	Facilities Available	facilities	Text	200	Description of key facilities available (e.g., Restrooms, Parking, Cafeteria)
	Animal Care Facility	animal_fac	Text	100	Information about the animal care and veterinary facilities
	Accessibility	accessiblty	Text	100	Information on accessibility (e.g., Wheelchair access, Public Transport)
	Zoo Management Authority	mgmt_auth	Text	50	Authority or organization managing the zoo

14.2.5 Safari

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Safari ID	safari_id	Alpha-numeric	30	Unique identifier for each safari
	Safari Name	safari_nm	Text	100	Name of the safari
	Safari Type	safari_typ	Text	50	Type of safari (e.g., Wildlife, Adventure, Desert)
	Location	location	Text	100	Physical location of the safari (city, state, country)
	Area (Sq. Km)	area_sqkm	Double	10 Digit to 4 Decimals	Total area covered by the safari in square kilometers
	Contact Number	contact	Text	20	Phone number for the safari
	Email Address	email	Text	100	Official email address of the safari
	Duration (Days)	safari_dur	Numeric	10	Duration of the safari in days
	Number of Visitors (Annual)	num_visitr	Numeric	20	Total number of visitors per year for the safari

	Opening Hours	op_hours	Text	50	Operational hours for visitors (e.g., 9 AM to 6 PM)
	Safari Vehicles	vehicl_typ	Text	100	Types of vehicles used in the safari (e.g., Jeep, Open Safari Bus)
	Established Year	year_est	Numeric	10	Year the safari was established
	Admission Fee	entry_fee	Double	10 Digit to 4 Decimals	Admission fee for the safari (if applicable)
	Facilities Available	facilities	Text	200	Description of key facilities available (e.g., Restrooms, Refreshments)
	Guide Availability	guide_avl	Text	50	Availability of guides for safari tours (e.g., Yes, No, Upon request)
	Accessibility	accessblty	Text	100	Information on accessibility (e.g., Wheelchair access, Public Transport)
	Safari Management Authority	mgmt_auth	Text	50	Authority or organization managing the safari

15 Directorate of Culture & Archaeology

15.1 Mandatory Layer

15.1.1 ASI Sites

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
	ASI Sites	ASI_ID	Alphanumeric	30	Unique Id
Point	City Name	City_Name	Text	50	Name of City
	District Name	Dist_Name	Text	50	Name of District

	State/U.T.	State_Name	Text	50	Name of State
	Type of Sites	Type_Site	Text	50	Cen./ State/ World Heritage/ Built Heritage/ Museums/ project Mausam etc.
	Name of ASI Site	Name_AS__BL	Text	50	Name of Site Building
	Latitude	Lat	Degree Decimal Minutes	Ex. 26° 50' 48.102" N	Latitude
	Longitude	Long	Degree Decimal Minutes	Ex. 80° 56' 46.2012" E	Longitude

15.2Additional Layer

15.2.1Museums

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Museum Code	musm_code	Alpha-numeric	30	Unique code assigned to the museum
	Museum Name	musm_name	Text	100	Name of the museum
	Location	location	Text	100	Address or location of the museum
	Established Year	year_est	Numeric	10	Year when the museum was established
	Museum Type	musm_type	Text	50	Type of museum (e.g., Art, History, Science, Cultural)
	Opening Hours	op_hours	Text	100	Operational hours of the museum (e.g., 9 AM - 5 PM)
	Entry Fee	entry_fee	Double	10 Digit to 4 Decimals	Entry fee for the museum (if any)
	Visitor Count (Annually)	ann_visitr	Numeric	N/A	Annual visitor count for the museum
	Accessibility	accessblty	Text	100	Accessibility details (e.g., Public Transport, Parking, Wheelchair access)
	Facilities Available	facilities	Text	200	Facilities available (e.g., Gift Shop, Cafe, Audio Guide, Parking)
	Educational Programs	edu_prog	Text	200	Educational programs or workshops available in the museum
	Membership Programs	mem_prog	Text	100	Membership or subscription programs available (e.g., Annual Pass, VIP Access)
	Museum Website	musm_web	Text	100	Official website of the museum
	Rating	musm_ratng	Double	10 Digit to 4 Decimals	Average rating based on visitor feedback (e.g., 4.5/5)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

15.2.2 Amenities near archeological sites

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point / Polygon	Amenity ID	amenity_id	Alpha-numeric	30	Unique identifier for each amenity
	Amenity Type	amenity_type	Text	100	Type of amenity (e.g., Toilet, Parking, Drinking Water, Information Center, Café)
	Name of Amenity (if any)	amenity_name	Text	100	Name or label (if officially designated)
	Latitude	latitude	Double	10 Digit to 6 Decimals	Latitude in WGS 84
	Longitude	longitude	Double	10 Digit to 6 Decimals	Longitude in WGS 84
	Distance to Archaeological Site	dist_to_site	Double	10 Digit to 2 Decimals	Distance (in meters) from the nearest archaeological site
	Site ID (linked site)	site_id	Alpha-numeric	30	ID of the nearby archaeological site (foreign key if site data exists separately)
	Accessibility	accessibility	Text	50	Pedestrian only / Wheelchair accessible / Vehicle access
	Availability Status	avail_status	Text	50	Functional / Non-functional / Under Maintenance
	Condition/Rating	condition_rating	Text	50	Good / Average / Poor
	Ownership / Maintenance Body	owner_agency	Text	100	Department / Agency responsible for maintenance (e.g., ASI, Tourism Dept.)
	Photographic Reference	photo_url	Text	200	Link to photo reference (if digital survey was done)
	Last Survey Date	last_survey_date	Date	-	Date when data was last verified

	Remarks	remarks	Text	200	Any additional information or observations

16 Chhattisgarh Tourism Board

16.1 Mandatory Layer

16.1.1 Tourism Sites

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Tourism Sites	Tour_ID	Alphanumeric	30	Unique Id
	City Name	City_Name	Text	50	Name of City
	District Name	Dist_Name	Text	50	Name of District
	State/U.T.	State_Name	Text	50	Name of State
	Type of Sites	Type_Building	Text	50	Cen./ State/ Religious/ Local/ others
	Name of Tourism Site	Name_Tour	Text	50	Name of Site
	Latitude	Lat	Degree Decimal Minutes	Ex. 26° 50' 48.102" N	Latitude
	Longitude	Long	Degree Decimal Minutes	Ex. 80° 56' 46.2012" E	Longitude

16.2 Additional layer

16.2.1 Hotel & Homestays

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Property Code	prop_code	Alpha-numeric	30	Unique code assigned to the home or homestay
	Property Name	prop_name	Text	100	Name of the home or homestay
	Location	location	Text	100	Address or location of the home/homestay
	Contact Number	contact	Text	15	Contact number for booking or inquiries
	Property Type	prop_type	Text	50	Type of property (e.g., Home, Homestay, Villa)
	Available Rooms	num_rooms	Numeric	20	Number of rooms available for booking
	Total Capacity	total_cap	Numeric	20	Maximum number of guests the property can accommodate
	Amenities	amenities	Text	200	List of amenities available (e.g., Wi-Fi, Parking, Swimming Pool)
	Check-in Time	check_in	Alpha-numeric	20	Check-in time for guests
	Check-out Time	check_out	Alpha-numeric	20	Check-out time for guests
	Accessibility	accessblty	Text	100	Accessibility to public transport, parking, etc.
	Pet Friendly	pet_allowd	Text	3	Whether the property allows pets (Yes/No)
	Smoking Policy	smokn_plcy	Text	50	Smoking policy (e.g., No Smoking, Designated Areas)
	Ratings	ratings	Double	10 Digit to 4 Decimals	Average rating based on customer

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
					reviews (e.g., 4.5/5)
	Special Features	spl_featr	Text	200	Unique features of the home or homestay (e.g., Garden, Mountain View)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

16.2.2 Amenities

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Amenity Code	amen_code	Alpha-numeric	30	Unique code assigned to the amenity
	Amenity Name	amen_name	Text	100	Name of the amenity (e.g., Restaurant, Hotel, Parking)
	Amenity Type	amen_type	Text	50	Type of the amenity (e.g., Food, Lodging, Transportation, Entertainment)
	Location	location	Text	100	Address or location of the amenity
	Proximity to Tourism Spot	dist_tour	Double	N/A	Distance in kilometers from the tourism spot
	Contact Number	contact	Text	15	Contact number for the amenity (e.g., for reservations or inquiries)
	Operating Hours	op_hours	Text	100	Operational hours of the amenity (e.g., 9 AM - 10 PM)
	Accessibility	accessblty	Text	100	Accessibility details (e.g., public transport, parking, wheelchair access)
	Available Facilities	facilities	Text	200	List of facilities available (e.g., Wi-Fi, Restrooms, Parking)
	Nearby Attractions	near_attr	Text	200	List of nearby tourist attractions or landmarks

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
	Wi-Fi Availability	wifi_avl	Text	3	Whether Wi-Fi is available (Yes/No)
	Pet Friendly	pet_allowd	Text	3	Whether pets are allowed (Yes/No)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

16.2.3 Wellness & Medical Centers

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Center Code	cntr_code	Alpha-numeric	30	Unique code assigned to the center
	Center Name	cntr_name	Text	100	Name of the wellness or medical center
	Location	location	Text	100	Address or location of the wellness/medical center
	Contact Number	contact	Text	15	Contact number for appointments or inquiries
	Contact Email	email	Text	100	Email address for inquiries or appointments
	Center Type	cntr_type	Text	50	Type of the center (e.g., Wellness, Hospital, Clinic, Spa)
	Services Offered	services	Text	200	List of services provided (e.g., Physiotherapy, Yoga, General Consultation)
	Operating Hours	op_hours	Text	100	Operating hours of the center (e.g., 9 AM - 6 PM)
	Parking Availability	parking	Text	3	Whether parking is available (Yes/No)
	Facilities Available	facilities	Text	200	Available facilities (e.g., Restrooms, Wi-Fi, Waiting area)
	Online Appointment Booking	onlin_book	Text	3	Whether online appointment booking is available (Yes/No)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude

	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

17 Department of Tribal and Scheduled Caste

17.1 Additional Layer

17.1.1 Tribal Habitation

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Habitation Code	habit_code	Alph-numeric	30	Unique code assigned to the Habitation
	Habitation Name	habit_name	Text	100	Name of the tribal habitation
	Tribe Name	tribe_name	Text	100	Name of the tribe or community residing in the habitation
	Population	population	Numeric	20	Total population of the tribal habitation
	Male Population	male_pop	Numeric	20	Number of male population in the tribal habitation
	Female Population	female_pop	Numeric	20	Number of female population in the tribal habitation
	Location	location	Text	100	Location of the tribal habitation (Village/District/Region)
	Total Area (Sq. Km)	area_sqkm	Double	10 Digit to 4 Decimals	Total area covered by the tribal habitation in square kilometers
	Primary Occupation	main_occu	Text	100	Main occupation of the tribal community (e.g., agriculture, forest products)
	Access to Basic Amenities	acc_amen	Text	100	Access to basic amenities (e.g., water, sanitation, healthcare, education)
	Access to Education	acc_edu	Text	100	Availability of educational facilities in the area
	Access to Healthcare	acc_health	Text	100	Availability of healthcare facilities in the area
	Forest Dependency	forest_dep	Text	100	Level of dependency on forests for livelihood (e.g., fuelwood, medicinal plants)
	Reserved Status	res_status	Text	50	Reserved status (e.g., ST, SC, General)
	Cultural Heritage	cultr_heri	Text	100	Cultural heritage and traditions specific to the tribal community

17.1.2 Tribal Areas

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Tribal Area Code	area_code	Alpha-numeric	30	Unique code assigned to the Tribal Areas
	Area Name	area_name	Text	100	Name of the tribal area
	Tribe Name	tribe_name	Text	100	Name of the tribe or communities predominantly residing in the area
	Population	population	Numeric	20	Total population of the tribal area
	Male Population	male_pop	Numeric	20	Number of male population in the tribal area
	Female Population	female_pop	Numeric	20	Number of female population in the tribal area
	Total Area (Sq. Km)	area_sqkm	Double	10 Digit to 4 Decimals	Total area of the tribal area in square kilometers
	Region	region	Text	100	Region or district where the tribal area is located
	Accessibility to Infrastructure	infra_acc	Text	100	Accessibility to basic infrastructure like roads, electricity, etc.
	Access to Education	acc_edu	Text	100	Availability of educational facilities in the area
	Access to Healthcare	acc_health	Text	100	Availability of healthcare facilities in the area
	Main Occupation	main_occu	Text	100	Primary occupation of the tribal population (e.g., agriculture, forest work)
	Forest Dependency	forest_dep	Text	100	Extent to which the population depends on forests for livelihood (e.g., fuelwood, timber)
	Reserved Status	res_status	Text	50	Reserved status (e.g., ST, SC, General)
	Government Schemes	govt_schm	Text	200	Government schemes available for the development of the area

17.1.3 Tribal Hostel

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Hostel ID	hostel_id	Alpha-numeric	30	Unique identifier for the tribal hostel
	Hostel Name	hostel_name	Text	100	Name of the tribal hostel
	Location Description	location	Text	200	Address or location details of the hostel
	Latitude	latitude	Double	10 Digit to 6 Decimals	Latitude (WGS 84)
	Longitude	longitude	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	District Name	district	Text	50	Name of the district where the hostel is located
	Block Name	block_name	Text	50	Name of the block
	Capacity (Number of Students)	capacity	Numeric	10	Total intake capacity of the hostel
	Number of Rooms	num_rooms	Numeric	10	Total number of rooms
	Gender	gender	Text	10	Boys / Girls / Co-ed
	Construction Year	year_constructed	Numeric	4	Year of construction
	Management Authority	managed_by	Text	100	Department or agency managing the hostel (e.g., Tribal Welfare Dept., Social Welfare)
	Hostel Type	hostel_type	Text	50	Pre-matric / Post-matric
	Current Occupancy	current_occupancy	Numeric	10	Number of students currently staying
	Facilities Available	facilities	Text	200	List of major facilities (e.g., Kitchen, Playground, Library)
	Last Updated Date	last_updated	Date	-	Date of last data verification
	Remarks	remarks	Text	200	Any additional notes or observations

18 Department of Technical Education

18.1 Additional Layer

18.1.1 Engineering Colleges

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	College Code	collg_code	Alpha-numeric	30	Unique code assigned to the engineering college
	College Name	collg_name	Text	100	Name of the engineering college
	Location	location	Text	100	Physical address of the college
	University Affiliated	univ_affl	Text	100	Name of the university the college is affiliated with
	Total Area (Acres)	area_acre	Double	10 Digit to 4 Decimals	Total area of the college campus in acres
	Established Year	year_est	Numeric	20	Year when the college was established
	Number of Departments	num_dept	Numeric	20	Total number of departments in the college
	Total Intake Capacity	intake_cap	Numeric	20	Total number of seats available for intake in the college
	Number of Students Enrolled	num_enroll	Numeric	20	Total number of students currently enrolled at the college
	Courses Offered	course_off	Text	200	List of engineering courses offered (e.g., Civil, Computer Science, Mechanical)
	Accreditation Status	acc_status	Text	100	Accreditation details (e.g., NBA, NAAC accreditation status)
	Affiliated with AICTE	aicte_affl	Text	100	Whether the college is affiliated with AICTE (All India Council for Technical Education)
	NAAC Grade	naac_grade	Text	50	NAAC accreditation grade (e.g., A, B)
	Number of Faculties	num_teachr	Numeric	20	Total number of teaching faculty at the college
	Hostel Facility Available	hostel_avl	Text	50	Availability of hostel facilities (Yes/No)
	Research Facilities	resrch_fac	Text	200	Research facilities available (e.g., Labs, Centers of Excellence)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

18.1.2 ITI Institutes

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Institute Code	inst_code	Alpha-numeric	30	Unique code assigned to the ITI institute
	Institute Name	inst_name	Text	100	Name of the ITI institute
	Location	location	Text	100	Physical address of the ITI institute
	Affiliated University	univ_aff	Text	100	Name of the university or board the ITI is affiliated
	Established Year	year_est	Numeric	20	Year when the ITI institute was established
	Total Area (Acres)	area_acres	Double	10 Digit to 4 Decimals	Total area of the ITI campus in acres
	Number of Trades Offered	num_trades	Numeric	20	Total number of vocational trades offered at the ITI institute
	Total Intake Capacity	intake_cap	Numeric	20	Total number of seats available for intake at the ITI
	Number of Students Enrolled	num_enroll	Numeric	20	Total number of students currently enrolled in the ITI
	Courses Offered	course_off	Text	200	List of vocational courses offered (e.g., Electrical, Carpentry, Welding)
	NCVT Certification	ncvt_cert	Text	100	Whether the courses are certified by NCVT
	Number of Trainers	num_trainr	Numeric	20	Total number of trainers or instructors in the ITI
	Infrastructure Facilities	infra_fac	Text	200	Key infrastructure available (e.g., Workshops, Labs, Equipment)
	Hostel Facility	hostel_fac	Text	3	Availability of hostel facilities (Yes/No)
	Library Facility	lib_fac	Text	3	Availability of library facility (Yes/No)
	Affiliated with DGT	dgt_aff	Text	100	Whether the ITI is affiliated with the Directorate General of Training (DGT)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

19 Agriculture Development and Farmer Welfare and Bio-Technology Department (Horticulture)

19.1 Additional Layer

19.1.1 Fruits and Vegetable

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Fruit & Veg Code	frveg_code	Alpha-numeric	30	Unique code assigned to the Fruits and Vegetable
	Farm Name	farm_name	Text	100	Name of the farmland
	Location	location	Text	100	Physical location or address of the farmland
	Total Area	area_ha	Double	10 Digit to 4 Decimals	Total area of the farmland in hectares
	Primary Produce Type	prim_prod	Text	100	Main produce grown on the farm (Fruits, Vegetables)
	Crop Name	crop_name	Text	100	Specific name of the crop
	Organic Farming	organic	Text	3	Whether the farm practices organic farming (Yes/No)
	Irrigation Method	irrig_mthd	Text	100	Type of irrigation used (e.g., Drip, Sprinkler, Canal)
	Water Source	water_src	Text	100	Source of water for irrigation (e.g., Groundwater, River, Rainwater Harvesting)

	Annual Yield	ann_yield	Double	10 Digit to 4 Decimals	Annual yield of produce in tons
	Fertilizer Type Used	fertlz_typ	Text	100	Type of fertilizer used (e.g., Organic, Chemical, Mixed)
	Farmer Name	farmer_nm	Text	100	Name of the farmer or owner of the farmland
	Farmer Contact Number	contact	Text	20	Contact phone number of the farmer
	Farming Practices	farm_prac	Text	200	Additional farming practices (e.g., Crop Rotation, Intercropping)
	Nearby Market Distance	markt_dist	Double	10 Digit to 4 Decimals	Distance to the nearest market in kilometers
	Soil Type	soil_type	Text	50	Soil type in the farmland (e.g., Loamy, Sandy, Clayey)
	Land Ownership Type	owner_typ	Text	50	Ownership type of the land (e.g., Owned, Leased)
	Government Support Schemes	govt_schm	Text	100	Any government schemes or subsidies availed for the farmland

19.1.2 Spices

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Spice Code	spice_code	Alpha-numeric	30	Unique code assigned to the Spice
	Farm Name	farm_name	Text	100	Name of the farmland
	Location	location	Text	100	Physical location or address of the farmland
	Total Area	area_ha	Double	10 Digit to 4 Decimals	Total area of the farmland in hectares
	Primary Spice Type	prim_spice	Text	100	Main spice grown on the farm (e.g., Cardamom, Pepper, Turmeric)
	Organic Farming	organic	Text	3	Whether the farm practices organic farming (Yes/No)

	Irrigation Method	irrig_mthd	Text	100	Type of irrigation used (e.g., Drip, Sprinkler, Canal)
	Water Source	water_src	Text	100	Source of water for irrigation (e.g., Groundwater, River, Rainwater Harvesting)
	Annual Yield (Tons)	ann_yield	Double	10 Digit to 4 Decimals	Annual yield of spices in tons
	Fertilizer Type Used	fertlz_typ	Text	100	Type of fertilizer used (e.g., Organic, Chemical, Mixed)
	Farmer Name	farmer_nm	Text	100	Name of the farmer or owner of the farmland
	Farmer Contact Number	contact	Text	20	Contact phone number of the farmer
	Farming Practices	farm_prac	Text	200	Additional farming practices (e.g., Intercropping, Pest Management)
	Nearby Market Distance (Km)	markt_dist	Double	10 Digit to 4 Decimals	Distance to the nearest market in kilometers
	Soil Type	soil_type	Text	50	Soil type in the farmland (e.g., Loamy, Sandy, Clayey)
	Land Ownership Type	owner_typ	Text	50	Ownership type of the land (e.g., Owned, Leased)
	Government Support Schemes	govt_schm	Text	100	Any government schemes or subsidies availed for the farmland

19.1.3 Flowers

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Flower Code	flowr_code	Alpha-numeric	30	Unique code assigned to the Flower
	Farm Name	farm_name	Text	100	Name of the farmland
	Location	location	Text	100	Physical location or address of the farmland
	Total Area	area_ha	Double	10 Digit to 4 Decimals	Total area of the farmland in hectares
	Primary Flower Type	prim_flowr	Text	100	Main flower type grown (e.g., Rose, Jasmine, Marigold)
	Organic Farming	organic	Text	3	Whether the farm practices organic farming (Yes/No)
	Irrigation Method	irrig_mthd	Text	100	Type of irrigation used (e.g., Drip, Sprinkler, Canal)
	Water Source	water_src	Text	100	Source of water for irrigation (e.g., Groundwater, Rainwater, Canal)
	Annual Yield	ann_yield	Double	10 Digit to 4 Decimals	Annual yield of flowers in tons
	Fertilizer Type Used	fertlz_typ	Text	100	Type of fertilizer used (e.g., Organic, Chemical, Mixed)
	Farmer Name	farmer_nm	Text	100	Name of the farmer or owner of the farmland
	Farmer Contact Number	contact	Text	20	Contact phone number of the farmer
	Farming Practices	farm_prac	Text	200	Additional farming practices (e.g., Mulching, Crop Rotation)
	Nearby Market Distance	markt_dist	Double	10 Digit to 4 Decimals	Distance to the nearest market in kilometers
	Soil Type	soil_type	Text	50	Soil type in the farmland (e.g., Loamy, Sandy, Clayey)
	Land Ownership Type	owner_typ	Text	50	Ownership type of the land (e.g., Owned, Leased)
	Government Support Schemes	govt_schm	Text	100	Any government schemes or subsidies availed for the farmland

19.1.4 Aromatic and Medicinal Plants

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Aromatic and Medicinal Plant Code	med_code	Alpha-numeric	30	Unique code assigned to the Aromatic and Medicinal Plants
	Farm Name	farm_name	Text	100	Name of the farmland
	Location	location	Text	100	Physical location or address of the farmland
	Total Area	area_ha	Double	10 Digit to 4 Decimals	Total area of farmland in hectares
	Primary Plant Type	prim_plant	Text	100	Main plant type grown (e.g., Lemongrass, Tulsi, Aloe Vera)
	Plant Use Type	use_type	Text	100	Purpose of the plants (e.g., Aromatic, Medicinal, Both)
	Organic Farming	organic	Text	3	Whether the farm practices organic farming (Yes/No)
	Irrigation Method	irrig_mthd	Text	100	Type of irrigation used (e.g., Drip, Sprinkler, Canal)
	Water Source	water_src	Text	100	Source of water for irrigation (e.g., Groundwater, Rainwater)
	Annual Yield	ann_yield	Double	10 Digit to 4 Decimals	Annual yield of plants in tons
	Fertilizer Type Used	fertlz_typ	Text	100	Type of fertilizer used (e.g., Organic, Chemical, Mixed)
	Farmer Name	farmer_nm	Text	100	Name of the farmer or owner of the farmland
	Farmer Contact Number	contact	Text	20	Contact phone number of the farmer
	Farming Practices	farm_prac	Text	200	Additional farming practices (e.g., Mulching, Crop Rotation)
	Nearby Market Distance	markt_dist	Double	10 Digit to 4 Decimals	Distance to the nearest market in kilometers
	Soil Type	soil_type	Text	50	Soil type in the farmland (e.g., Loamy, Sandy, Clayey)

	Land Ownership Type	owner_typ	Text	50	Ownership type of the land (e.g., Owned, Leased)
	Government Schemes	govt_schm	Text	100	Any government schemes or subsidies availed
	Medicinal Properties	med_prop	Text	200	Key medicinal properties of the plants grown (e.g., Anti-inflammatory, Antioxidant)

19.1.5 Mandi

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Mandi ID	mandi_id	Alpha-numeric	30	Unique identifier for each Weighing Bridge
	Mandi Name	mandi_name	Text	100	Name of the Mandi
	Location	location	Text	100	Physical location or address of the Mandi
	Market Type	market_typ	Text	50	Type of market (e.g., Wholesale, Retail, Export)
	Commodities Traded	commodity	Text	200	List of main commodities traded (e.g., Rice, Wheat, Vegetables)
	Facilities Available	facilities	Text	200	Key facilities available (e.g., Storage, Weighing, Transport)
	Storage Capacity (Tons)	stor_cap	Double	10 Digit to 4 Decimals	Total storage capacity in tons
	Owner/Management Authority	owner_auth	Text	100	Name of the managing authority or owner
	Contact Number	contact	Text	20	Contact phone number of the Mandi
	Transport Connectivity	trans_conn	Text	200	Nearby transport options (e.g., Road, Rail)
	Infrastructure Details	Infra	Text	200	Details of infrastructure (e.g., Roads, Sheds, Water Supply)
	Operational Hours	op_hour	Text	50	Timings during which the Mandi is operational
	Year of Establishment	year_est	Numeric	10	Year when the Mandi was established
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

19.1.6 Ponds and Aquariums

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Water Body ID	water_id	Alpha-numeric	30	Unique identifier for each Water Body
	Water Body Name	water_name	Text	100	Name of the pond or aquarium
	Location	location	Text	100	Physical location or address
	Type	type	Text	50	Type of water body (e.g., Natural Pond, Artificial Pond, Aquarium)
	Total Area (Hectares)	area_ha	Double	10 Digit to 4 Decimals	Total area in hectares
	Primary Purpose	prim_use	Text	100	Main purpose (e.g., Fish Farming, Recreation, Ornamental)
	Owner/Management Authority	owner_auth	Text	100	Name of the managing authority or owner
	Contact Number	contact	Text	20	Contact phone number of the management authority
	Infrastructure Details	infra	Text	200	Details of facilities (e.g., Pump, Filter, Feeding System)
	Government Support Schemes	govt_schm	Text	200	Any government schemes or subsidies applicable
	Year of Establishment	year_est	Numeric	10	Year of establishment
	Depth (Meters)	depth_m	Double	10 Digit to 4 Decimals	Average depth of the water body in meters

19.1.7 Seeds Corporation

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Seeds Corporation ID	corp_id	Alpha-numeric	30	Unique identifier for each Seeds Corporation
	Corporation Name	corp_name	Text	100	Name of the Seeds Corporation
	Location	location	Text	100	Address or location of the corporation's facility
	Type of Facility	facilities	Text	100	Type of facility (e.g., Storage, Processing, Distribution)
	Seed Types	seed_type	Text	200	Types of seeds handled (e.g., Paddy, Wheat, Maize)
	Annual Production Capacity	ann_prod	Double	10 Digit to 4 Decimals	Annual production capacity in tons
	Storage Capacity (Tons)	stor_cap	Double	10 Digit to 4 Decimals	Storage capacity of the facility in tons
	Management Authority	mgmt_auth	Text	100	Name of the managing authority
	Contact Number	contact	Text	20	Contact phone number of the facility or authority
	Infrastructure Details	infra	Text	200	Description of infrastructure (e.g., Cold Storage, Packaging Units)
	Certification Status	cert_statu	Text	100	Certification or compliance status (e.g., ISO Certified, Organic Certified)
	Government Support Schemes	govt_schm	Text	200	Any government schemes or subsidies availed
	Year of Establishment	year_est	Numeric	10	Year the facility was established
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

19.1.8 Seeds Processing Center

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Seeds Processing Center ID	spc_id	Alpha-numeric	30	Unique identifier for each Seeds Processing Center
	Center Name	spc_name	Text	100	Name of the Seeds Processing Center
	Location	location	Text	100	Physical location or address of the center
	Processing Capacity (Tons)	proc_cap	Double	10 Digit to 4 Decimals	Annual seed processing capacity of the center in tons
	Types of Seeds Processed	seed_type	Text	200	Types of seeds processed (e.g., Wheat, Rice, Maize)
	Storage Capacity (Tons)	stor_cap	Double	10 Digit to 4 Decimals	Total storage capacity in tons
	Owner/Management Authority	owner_auth	Text	100	Name of the managing authority or owner
	Contact Number	contact	Text	20	Phone number of the management or center
	Year of Establishment	year_est	Numeric	10	Year when the center was established
	Infrastructure Details	infra	Text	200	Details of key infrastructure (e.g., Dryers, Graders, Packaging Units)
	Certification Status	cert_statu	Text	100	Certification or compliance status (e.g., ISO Certified, Organic Certified)
	Government Support Schemes	govt_schm	Text	200	Any government schemes or subsidies availed
	Operational Hours	op_hour	Text	50	Timings during which the center operates
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

19.1.9 Nurseries

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Nursery ID	nursery_id	Alpha-numeric	30	Unique identifier for the nursery
	Nursery Name	nursery_name	Text	100	Name of the nursery
	Location	location	Text	200	Address or general description of location
	Area (in Acres)	area_acres	Double	10 Digit to 4 Decimals	Total area occupied by the nursery
	Managed By	managed_by	Text	100	Name of the managing authority (e.g., NRDA, Forest Dept., Private)
	Plant Types Available	plant_types	Text	200	Major species or plant types available (e.g., Bamboo, Neem, Decorative plants)
	Water Source	water_src	Text	100	Source of irrigation (e.g., Borewell, Canal)
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude (WGS 84)
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	Infrastructure Facilities	infra_fac	Text	200	Details about greenhouses, fencing, irrigation system etc.
	Operational Status	oper_status	Text	50	Functional / Non-functional / Proposed
	Last Updated	last_updated	Date	-	Date of last data verification

19.1.10   Bamboo Clusters / Plantations

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Bamboo ID	bamboo_id	Alpha-numeric	30	Unique identifier for the bamboo cluster/plantation
	Cluster Name	bamboo_name	Text	100	Name or local identifier of the bamboo cluster
	Location	location	Text	200	Description or address
	Area (in Acres)	area_acres	Double	10 Digit to 4 Decimals	Total area under bamboo plantation
	Ownership Type	ownership	Text	50	Government / Private / Community
	Species Grown	species	Text	200	Types of bamboo species grown
	Utilization Type	util_type	Text	100	Use cases: e.g., Furniture, Construction, Industrial, Paper
	Associated Industry	assoc_industry	Text	100	If tied to any bamboo-based industrial park/facility
	Year of Establishment	est_year	Numeric	4	Year of establishment
	Water Source	water_src	Text	100	Source of irrigation
	Latitude (Centroid)	lat	Double	10 Digit to 6 Decimals	Latitude (WGS 84)
	Longitude (Centroid)	long	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	Plantation Status	plant_status	Text	50	Status: Active / Harvested / Under Development
	Last Updated	last_updated	Date	-	Date of last data verification

20 Women & Child Development

20.1 Additional Layer

20.1.1 Anganwadi

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Anganwadi Code	angw_code	Alpha-numeric	30	Unique code assigned to the Anganwadi
	Anganwadi Name	angw_name	Text	100	Name of the Anganwadi
	Location	location	Text	100	Physical address of Anganwadi
	Village Name	vill_name	Text	100	Village where Anganwadi is located
	District Name	dist_name	Text	50	District where Anganwadi is located
	Established Year	year_est	Numeric	4	Year Anganwadi was established
	Contact	contact	Numeric	10	Contact number (mobile) of Anganwadi
	Anganwadi Classification	mini_angw	Text	3	Whether the center is a mini Anganwadi (Yes/No)
	Number of Girls	num_girls	Numeric	20	Total number of girl students currently enrolled
	Number of Boys	num_boys	Numeric	20	Total number of boy students currently enrolled
	Total enrollments	num_enroll	Numeric	20	Total number of students currently enrolled
	Drinking Water Source	water_src	Text	30	Source of Drinking Water (handpump, well, tap water)
	Medical Facility	medical	Text	3	Availability of Medical Facility (Yes/No)
	Boundary Wall	playground	Text	3	Whether Boundary Wall exists (Yes/No)
	Electricity	electricity	Text	3	Availability of Electricity (Yes/No)
	Toilet	toilet	Text	3	Availability of Toilet facility (Yes/No)
	Handwash	handwash	Text	3	Availability of Handwash facility (Yes/No)
	Meal Served	meal_serv	Numeric	20	Total meal served per day
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

20.1.2 One Stop Sakhi Center

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Center ID	sakhi_id	Alpha-numeric	30	Unique identifier for each Sakhi Center
	Center Name	center_name	Text	100	Official name of the Sakhi Center
	Address	address	Text	200	Full address/location details
	District Name	dist_name	Text	50	District where the center is located
	Block Name	block_name	Text	50	Block of the location
	Services Provided	services	Text	200	Legal Aid, Medical Assistance, Counseling, Temporary Shelter, etc.
	Year of Establishment	year_estb	Integer	4	Year the center was established
	Nodal Agency Name	nodal_agency	Text	100	Implementing or managing agency
	Infrastructure Status	infra_status	Text	50	Developed / Under Construction / Temporary Facility
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude in WGS 84
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude in WGS 84
	Last Updated	last_updated	Date	-	Date of latest data entry or verification

20.1.3 Childcare Institute

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Institute ID	cci_id	Alpha-numeric	30	Unique identifier for each Child Care Institution
	Institute Name	cci_name	Text	100	Name of the institution
	Type of Institution	cci_type	Text	100	Open Shelter / Observation Home / Special Home / Children Home, etc.
	Capacity	capacity	Integer	6	Total sanctioned capacity
	Occupancy	occupancy	Integer	6	Current number of children housed
	Address	address	Text	200	Full address
	District Name	dist_name	Text	50	District of the institution
	Managing Authority	manage_auth	Text	100	Government / NGO / Private
	Registration Status	reg_status	Text	50	Registered / Under Renewal / Unregistered
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude in WGS 84
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude in WGS 84
	Last Updated	last_updated	Date	-	Date of last validation

20.1.4 WCD Assets

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point / Polygon	Asset ID	asset_id	Alpha-numeric	30	Unique ID assigned to each WCD asset
	Asset Name	asset_name	Text	100	Name or type of asset (e.g., Anganwadi, Training Center, Office Building)
	Asset Type	asset_type	Text	100	Office / Anganwadi / Training Center / Women Shelter / Transit Home

	Ownership Type	ownership_type	Text	50	Govt / Leased / Donated
	District Name	dist_name	Text	50	District of the asset
	Address / Location	address	Text	200	Full address
	Functional Status	status	Text	50	Operational / Under Renovation / Proposed
	Year of Construction / Setup	year_constructed	Integer	4	Year the facility was set up
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude (WGS 84)
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	Last Updated	last_updated	Date	-	Date of latest update

21 Health & Family Welfare

21.1 Additional Layer

21.1.1 Health Centre

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Center Code	cntr_code	Alpha-numeric	30	Unique code assigned to the center
	Center Name	cntr_name	Text	100	Name of the medical center
	Village Name	vill_name	Text	200	Village where PHC/CHC is located
	District Name	dist_name	Text	200	District where the facility is located.
	Location	location	Text	100	Address or location of the medical center
	Contact Number	contact	Text	10	Contact number for appointments or inquiries
	Contact Email	email	Text	100	Email address for inquiries or appointments
	Center Type	cntr_type	Text	50	Type of the center (PHC - Primary Health Center, CHC - Community Health Center, DH - District Hospital etc)
	Operating Hours	op_hours	Text	100	Operating hours of the center (e.g., 9 AM - 6 PM)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude
	Capacity	bed_cap	Numeric	10	Number of beds available.
	Doctors Count	doc_cnt	Numeric	10	Number of doctors available.
	Nurses Count	nurse_cnt	Numeric	10	Number of nursing staff.
	Specialization	spl_serv	Text	100	Special medical services available (e.g., maternity, surgery, pediatrics).
	Infrastructure availability	infra_avl	Text	100	Special medical infra-available (e.g. Ambulance, blood bank, ICU)
	Pharmacy availability	pharm_avl	Text	100	Availability of govt subsidized pharmacy
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

22 Excise Department

22.1 Additional Layer

22.1.1 Alcohol Warehouses

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Polygon	Warehouse ID	aw_id	Alpha-numeric	30	Unique ID for Alcohol Warehouse
	Warehouse Name	name_warehouse	Text	100	Name of the Warehouse
	District Name	dist_name	Text	50	Name of District
	Address	address	Text	200	Full Address
	Storage Capacity (KL)	store_cap_kl	Double	10 Digit to 2 Decimals	Total storage capacity in kiloliters
	License Number	license_no	Text	50	Authorized license number
	License Expiry Date	license_valid	Date	-	License expiry date
	Enforcement Zone	enf_zone	Text	50	Jurisdictional enforcement area
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

22.1.2 Distilleries

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Polygon	Distillery ID	dist_id	Alpha-numeric	30	Unique ID for Distillery
	Distillery Name	dist_name	Text	100	Name of the Distillery
	Type of Alcohol	alcohol_type	Text	50	IMFL/Beer/Wine
	Storage Capacity (KL)	store_cap_kl	Double	10 Digit to 2 Decimals	Total capacity
	Daily Production (KL)	prod_daily_kl	Double	10 Digit to 2 Decimals	Daily production
	License Number	license_no	Text	50	License No
	License Expiry Date	license_valid	Date	-	Validity
	Location	address	Text	200	Location with address
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

22.1.3 Retail Liquor Shops

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Point	Shop ID	shop_id	Alpha-numeric	30	Unique ID for Liquor Shop
	Shop Name	shop_name	Text	100	Name of the shop
	District Name	dist_name	Text	50	Name of District
	Address	address	Text	200	Shop address
	Type of Liquor	liquor_type	Text	50	IMFL/Beer/Country Liquor
	Daily Sales Limit (Litre)	sale_limit_lt	Double	10 Digit to 2 Decimals	Max daily sales
	License Number	license_no	Text	50	Excise license ID
	License Validity	license_valid	Date	-	Expiry date
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

22.1.4 Bottling units

Geometry type	Attribute Name	Field Name	Field Type	Field Width	Description
Point	Bottling Unit ID	btl_unit	Alpha-numeric	30	Unique ID for Bottling Unit
	Distillery ID	dist_id	Alpha-numeric	30	Linked Distillery ID
	Bottling Unit Name	btl_name	Text	100	Name of the Bottling Unit
	Type of Alcohol	alc_type	Text	50	IMFL/Beer/Wine
	Bottling Capacity (KL)	btl_cap	Double	10 digits, 2 decimals	Daily bottling capacity
	License Number	lic_no	Text	50	Bottling license number
	License Expiry Date	lic_valid	Date	-	License validity date
	Location Address	address	Text	200	Full address of the bottling unit
	Latitude	lat	Degree Decimal	-	Latitude in decimal degrees
	Longitude	long	Degree Decimal	-	Longitude in decimal degrees

22.1.5 Bars & Cafes

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Establishment ID	estb_id	Alpha-numeric	30	Unique identifier for each bar or cafe
	Name	name	Text	100	Official name of the bar or cafe
	Type	type	Text	50	Bar / Cafe / Lounge / Pub
	Address	address	Text	200	Full physical address
	Contact Number	contact_no	Text	20	Contact phone number
	Operating Hours	operating_hours	Text	100	Typical hours of operation (e.g., 11 AM - 11 PM)
	License Number	license_no	Alpha-numeric	50	Liquor license or business license number
	Seating Capacity	seating_capacity	Integer	5	Number of seats available
	District Name	dist_name	Text	50	District where the establishment is located
	Ward / Locality	ward_name	Text	50	Local administrative unit or ward
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude coordinate in WGS 84
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude coordinate in WGS 84
	Last Inspection Date	last_inspection	Date	-	Date of last health/safety/license inspection
	Status	status	Text	50	Operational / Closed / Under Renovation

23 School education

23.1 Additional Layer

23.1.1 School Location

Geometry Type	Attribute Name	Field Name	Field Type	Field Width / Format	Description
Point	School Name	school_name	Text	100	Official name of the school
	Village Name	village_name	Text	100	Name of the village where the school is located
	District Name	district	Text	100	District in which the school is situated
	Block Name	block_name	Text	100	Administrative block of the school
	Latitude	latitude	Degree Decimal	e.g., 28.6139	Latitude in decimal degrees
	Longitude	longitude	Degree Decimal	e.g., 77.2090	Longitude in decimal degrees
	Level of School	school_level	Text	50	Educational level (e.g., Primary, Upper Primary, Secondary, Higher Secondary)
	Amenities Available	amenities	Text	200	Key facilities available (e.g., toilets, drinking water, electricity, playground, library)
	Capacity	capacity	Numeric	10	Maximum number of students the school can accommodate
	Number of Classrooms	num_classrooms	Numeric	10	Total number of classrooms available in the school
	Lab Facility Available	lab_facility	Text	10	Whether lab facility is

					available (Yes/No)

24 Department of Technical Education

24.1 Additional Layer

24.1.1 Engineering Colleges

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	College Code	collg_code	Alpha-numeric	30	Unique code assigned to the engineering college
	College Name	collg_name	Text	100	Name of the engineering college
	Location	location	Text	100	Physical address of the college
	University Affiliated	univ_affl	Text	100	Name of the university the college is affiliated with
	Total Area (Acres)	area_acre	Double	10 Digit to 4 Decimals	Total area of the college campus in acres
	Established Year	year_est	Numeric	20	Year when the college was established
	Number of Departments	num_dept	Numeric	20	Total number of departments in the college
	Total Intake Capacity	intake_cap	Numeric	20	Total number of seats available for intake in the college
	Number of Students Enrolled	num_enroll	Numeric	20	Total number of students currently enrolled at the college
	Courses Offered	course_off	Text	200	List of engineering courses offered (e.g., Civil, Computer Science, Mechanical)
	Accreditation Status	acc_status	Text	100	Accreditation details (e.g., NBA, NAAC accreditation status)
	Affiliated with AICTE	aicte_affl	Text	100	Whether the college is affiliated with AICTE (All India Council for Technical Education)
	NAAC Grade	naac_grade	Text	50	NAAC accreditation grade (e.g., A, B)
	Number of Faculties	num_teachr	Numeric	20	Total number of teaching faculty at the college
	Hostel Facility Available	hostel_avl	Text	50	Availability of hostel facilities (Yes/No)
	Research Facilities	resrch_fac	Text	200	Research facilities available (e.g., Labs, Centers of Excellence)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

24.1.2 ITI Institutes

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Institute Code	inst_code	Alpha-numeric	30	Unique code assigned to the ITI institute
	Institute Name	inst_name	Text	100	Name of the ITI institute
	Location	location	Text	100	Physical address of the ITI institute
	Affiliated University	univ_aff	Text	100	Name of the university or board the ITI is affiliated
	Established Year	year_est	Numeric	20	Year when the ITI institute was established
	Total Area (Acres)	area_acres	Double	10 Digit to 4 Decimals	Total area of the ITI campus in acres
	Number of Trades Offered	num_trades	Numeric	20	Total number of vocational trades offered at the ITI institute
	Total Intake Capacity	intake_cap	Numeric	20	Total number of seats available for intake at the ITI
	Number of Students Enrolled	num_enroll	Numeric	20	Total number of students currently enrolled in the ITI
	Courses Offered	course_off	Text	200	List of vocational courses offered (e.g., Electrical, Carpentry, Welding)
	NCVT Certification	ncvt_cert	Text	100	Whether the courses are certified by NCVT
	Number of Trainers	num_trainr	Numeric	20	Total number of trainers or instructors in the ITI
	Infrastructure Facilities	infra_fac	Text	200	Key infrastructure available (e.g., Workshops, Labs, Equipment)
	Hostel Facility	hostel_fac	Text	3	Availability of hostel facilities (Yes/No)
	Library Facility	lib_fac	Text	3	Availability of library facility (Yes/No)
	Affiliated with DGT	dgt_aff	Text	100	Whether the ITI is affiliated with the Directorate General of Training (DGT)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

25 Higher Education Department

25.1 Additional Layer

25.1.1 Universities

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	University Code	univ_code	Alpha-numeric	30	Unique code assigned to the university
	University Name	univ_name	Text	100	Full name of the university
	Location	location	Text	100	Physical address of the university
	Type of University	univ_type	Text	50	Central, State, Private, Deemed
	Established Year	year_est	Numeric	20	Year of establishment
	Affiliated Colleges Count	collg_count	Numeric	20	Total number of affiliated colleges
	Total Area (Acres)	area_acre	Double	10 Digit to 4 Decimals	Total land area of the university campus
	Number of Departments	num_dept	Numeric	20	Total number of academic departments
	Number of Students Enrolled	num_enroll	Numeric	20	Number of currently enrolled students
	Courses Offered	course_off	Text	200	Major courses and degrees offered
	Accreditation Status	acc_status	Text	100	NAAC/NBA accreditation status
	UGC Recognition	ugc_recog	Text	10	Whether recognized by UGC (Yes/No)
	NAAC Grade	naac_grade	Text	50	NAAC Accreditation grade
	Research Centres Available	resrch_cent	Text	200	Details of research centres and facilities available
	Hostel Facility Available	hostel_avl	Text	50	Whether hostel facility is available (Yes/No)
	Library Facility Available	lib_avl	Text	50	Whether library facility is available (Yes/No)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude

	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

25.1.2 Colleges (Arts, Science, Commerce, etc.)

Geometry type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	College Code	collg_code	Alpha-numeric	30	Unique code assigned to the college
	College Name	collg_name	Text	100	Name of the college
	Location	location	Text	100	Physical address of the college
	Affiliated University	univ_affl	Text	100	Name of the university the college is affiliated with
	College Type	collg_type	Text	50	Type (e.g., Government, Private, Aided)
	Established Year	year_est	Numeric	20	Year when the college was established
	Total Area (Acres)	area_acre	Double	10 Digit to 4 Decimals	Total area of the college campus
	Number of Departments	num_dept	Numeric	20	Number of academic departments
	Total Intake Capacity	intake_cap	Numeric	20	Number of seats available
	Number of Students Enrolled	num_enroll	Numeric	20	Number of students currently enrolled
	Courses Offered	course_off	Text	200	List of courses (e.g., BA, BCom, BSc, BBA)
	Accreditation Status	acc_status	Text	100	NAAC/NBA accreditation details
	NAAC Grade	naac_grade	Text	50	NAAC accreditation grade (e.g., A, B)
	Number of Teaching Faculty	num_teachr	Numeric	20	Total number of teaching staff

	Hostel Facility Available	hostel_avl	Text	50	Availability of hostel facilities (Yes/No)
	Library Facility Available	lib_avl	Text	50	Availability of library facilities (Yes/No)
	Sports/Extra Facilities	sport_fac	Text	100	Availability of sports, NSS/NCC, cultural units
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

26 Geology and Mining Department

26.1 Additional Layer

26.1.1 Query lease

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Lease ID	lease_id	Alpha-numeric	30	Unique identifier for the quarry lease
	Lease Holder Name	lease_holder	Text	100	Name of the entity holding the lease
	Location	location	Text	200	Physical location/address of the quarry lease
	Lease Area (ha)	lease_area_ha	Double	10 Digit to 4 Decimals	Total area of the leased quarry in hectares
	Mineral Type	mineral_type	Text	50	Type of mineral extracted (e.g., Limestone, Granite)
	Lease Start Date	start_date	Date	-	Date when the lease started
	Lease Expiry Date	expiry_date	Date	-	Lease expiration date
	Status	status	Text	50	Active / Expired / Under Renewal
	Environmental Clearance	env_clearance	Text	100	Status/details of environmental clearance
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

26.1.2 Sand mines

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Mine ID	mine_id	Alpha-numeric	30	Unique identifier for the sand mine
	Mine Name	mine_name	Text	100	Name of the sand mine
	Location	location	Text	200	Physical location/address of the sand mine
	Area (ha)	area_ha	Double	10 Digit to 4 Decimals	Total area of the sand mine in hectares
	Lease Holder Name	lease_holder	Text	100	Name of the entity holding the lease
	Lease Start Date	start_date	Date	-	Date when the lease started
	Lease Expiry Date	expiry_date	Date	-	Lease expiration date
	Extraction Method	extraction_method	Text	100	Method used for sand extraction (e.g., manual, mechanical)
	Status	status	Text	50	Active / Expired / Under Renewal
	Environmental Clearance	env_clearance	Text	100	Status/details of environmental clearance
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

27 Youth welfare & Sports Department

27.1 Additional Layer

27.1.1 Sports Academy

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Point	Academy ID	acad_id	Alpha-numeric	30	Unique identifier for the sports academy
	Academy Name	acad_name	Text	100	Name of the sports academy
	Location	location	Text	200	Address or location of the academy
	District	dist_name	Text	50	Name of the district
	Type of Sports	sport_type	Text	100	Sports offered (e.g., Athletics, Hockey)
	Academy Level	acad_level	Text	50	National / State / District
	Capacity	capacity	Numeric	10	Number of athletes accommodated
	Affiliated Body	affiliated	Text	100	Associated sports authority or board
	Year of Establishment	year_est	Numeric	4	Year academy was established
	Key Facilities	facilities	Text	200	E.g., Hostel, Dining, Training Track
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

27.1.2 Sports Courts (Tennis, Basketball, Badminton, etc.)

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description/Value
Point/Polygon	Court ID	court_id	Alpha-numeric	30	Unique identifier for the sports court
	Court Name	court_name	Text	100	Name of the court
	Location	location	Text	200	Physical address or description
	Type of Court	court_type	Text	50	E.g., Tennis, Basketball, Volleyball
	Ownership Type	own_type	Text	50	Government / Private / PPP
	Surface Type	surf_type	Text	50	Clay / Synthetic / Wooden / Cement
	Lighting Facility	light_facility	Text	10	Yes / No
	Availability	availability	Text	20	Public / Private / Restricted
	Year of Construction	year_const	Numeric	4	Year it was constructed
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

27.1.3 Gymnasium

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description/Value
Point	Gym ID	gym_id	Alpha-numeric	30	Unique identifier for the gym
	Gym Name	gym_name	Text	100	Name of the gymnasium
	Location	location	Text	200	Address or description
	Ownership Type	own_type	Text	50	Government / Private
	Facility Type	facility_type	Text	50	Indoor / Outdoor
	Area (Sq.m)	area_sqm	Double	10 digits, 4 decimals	Total built-up area
	Gender Access	gender_access	Text	20	Male / Female / Unisex
	Equipment Available	equipment	Text	200	List of available gym equipment

	Operational Status	op_status	Text	50	Operational / Under Construction / Closed
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

27.1.4 Sports Infrastructure (Stadiums)

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description/Value
Polygon	Stadium ID	stdm_id	Alpha-numeric	30	Unique ID for the stadium
	Stadium Name	stdm_name	Text	100	Name of the stadium
	Location	location	Text	200	Address or landmark
	Sports Hosted	hosted_sports	Text	100	E.g., Cricket, Football, Athletics
	Seating Capacity	seat_cap	Numeric	10	Total seating capacity
	Year Built	year_const	Numeric	4	Year of construction
	Ownership Type	own_type	Text	50	State Govt / Central / Private / PPP
	Key Infrastructure	infra_type	Text	100	E.g., Synthetic Track, Gallery, Floodlights
	Status	inf_status	Text	50	Functional / Under Renovation / Not in Use
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

28 Department of Energy

28.1 Mandatory Layers

28.1.1 Power Supply attributes

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line	Power Supply	Pow_ID	Alpha-numeric	30	Unique Id
	Name of the Line	PL_Type	Text	50	KPS1 - Bhuj PS 765 kV D/C line
	Tower location number	Tower_No	Numeric	25	e.g 301, 502
	Tower Type	Tower_Type	Text	50	e.g. (DA/DB/DC or QA/QB/QD)
	Special Foundation	Sp_Found	Text	50	e.g. Pile, well, raft etc.
	Voltage levels	Vol_Level	Numeric	50	800/765/400/220/132/66 kV etc.
	Name of Sub-station	Sub_Station_Name	Text	50	e.g. Tuticorin/ ISTS/ Intra STS/Generator Pooling Station/Distribution etc
	Type of Sub-Station	Type_Substation	Text	50	e.g AIS/GIS/Hybrid
	Bus Switching Schemes (voltage level wise)	Bus_Swi_Scheme	Text	100	e.g. 400 kV One and Half Breaker scheme, 220 kV Double main and Transfer Bus
	Mode of Implementation	Mode_Imple	Text	50	eg.POWERGRID/Adani/GETCO/CESC/DVC/ NPC/ TATA/NBPDCL/ BEST/BESCOM/ ReNew/GMR/Avaada/JSW etc.
	Status	Status	Text	50	Commissioned/ Under Construction / Planned
	Transformation capacity	Trans_Capacity	Text	70	e.g. 2x1500 MVA, 765/400 kV
	Town Name	Town_Name	Text	50	Town Name
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name

28.1.2 Electric Poles

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Electric Pole	EL_ID	Alpha-numeric	30	Unique Id
	City Name	City_Name	Text	50	Name of City
	District Name	Dist_Name	Text	50	Name of District
	State/U.T.	State_Name	Text	50	Name of State
	Type	Jurisdiction	Text	50	Govt/Semi/ULB/other/
	Sub-Type	Authority	Text	50	Discom/Pvt/other
	Height	Height	Alphanumeric	25	Electric Poles Height
	Latitude	Lat	Degree Decimal Minutes	Ex. 26° 50' 48.102" N	Latitude
	Longitude	Long	Degree Decimal Minutes	Ex. 80° 56' 46.2012" E	Longitude

29 Public Health Engineering

29.1 Additional Layer

29.1.1 Water Source

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field	Description/Value
Point	Water SupplyID	ws_line_id	Alpha-numeric	30	UniqueId
	Type of Water Structure	ws_type	Text	50	Water Treatment Plant
					Water Pumping Station
					Ground Level Reservoir
					Supply Valve
					Over Head Tank
					Public Stand Post
					Tube Well
					Hand Pump
					Storm Water Vent
	Town Name	town_name	Text	50	Town Name
	District Name	dist_name	Text	50	District Name
	State Name	state_name	Text	50	State Name
	Capacity	capacity	Text	30	Capacity of the Treatment plant, Pumping station, GLR, and street tank in the respective units
	Water Structure Nature	ws_nature	Text	40	Existing/Proposed
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

29.1.2 Supply Line

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field	Description
Line	Water Supply ID	ws_line_ id	Alpha-numeric	30	Unique Id
	Type of Water Line	wt_line	Text	50	Raw Water Main Pipeline
					Pumping Line
					Distribution Pipeline
					Service Pipeline
					Strom Water Drain
	Town Name	town_name	Text	50	Town Name
	District Name	dist_name	Text	50	District Name
	State Name	state_name	Text	50	State Name
	Construction Material	cons_mat	Text	50	PSC/ DI/ HDPE/ MS/ RCC/ Others/ GI/ AC/ CI/ PVC
	Pipe Dia in (mt.)	pipe_dia_m	Double	10 Digit to 4 Decimals	Pipe Diameter in meters
	Length	length_m	Double	10 Digit to 4 Decimals	Length in meters
	Water Line Nature	wl_nature	Text	30	Existing/ Proposed/ Doubling/ feeder/ mainline/ minor line

30 Directorate of Institutional Finance

30.1 Additional Layer

30.1.1 Automatic Teller Machines (ATMs)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	ATM ID	atm_id	Alpha-numeric	30	Unique identifier for each ATM
	Bank Name	bank_name	Text	50	Bank operating the ATM
	ATM Type	atm_type	Text	30	Type of ATM (e.g., On-Site, Off-Site, Drive-Thru)
	Address	address	Text	100	Physical address of the ATM
	City	city	Text	50	City where ATM is located
	State	state	Text	50	State where ATM is located
	Location Type	loc_type	Text	50	Type of location (e.g., Mall, Airport, Residential Area)
	Installation Date	install_date	Text	10	Date the ATM was installed
	Status	status	Text	20	Operational status of the ATM (e.g., Active, Under Maintenance, Planned)
	Cash Availability	cash_avl	Text	20	Indicates cash availability (e.g., Available, Out of Cash)
	Supported Transactions	supp_txns	Text	50	Types of transactions supported (e.g., Withdrawal, Deposit, Balance Inquiry)
	Security Features	security	Text	50	Security measures (e.g., CCTV, Alarm System, Security Guard)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
	Power Backup	power_bkup	Text	30	Availability of power backup (e.g., UPS, Generator)
	Maintenance Agency	agncy_name	Text	50	Name of the agency responsible for ATM maintenance
	Network Type	ntwork_typ	Text	30	Supported network type (e.g., VISA, Mastercard, RuPay)
	Nearby Landmarks	landmark	Text	100	Description of nearby landmarks for easy identification
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

30.1.2 Bank Branches

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Bank Branch ID	bank_id	Alpha-numeric	30	Unique identifier for each bank branch
	Bank Name	bank_name	Text	100	Name of the bank (e.g., SBI, PNB, Union Bank)
	Branch Name	branch_name	Text	100	Name of the specific branch
	IFSC Code	ifsc_code	Text	20	Unique branch code used for financial transactions
	Address	address	Text	200	Full address of the branch
	District Name	dist_name	Text	50	District where the branch is located
	Block Name	block_name	Text	50	Block where the branch is located
	Village/Town Name	village_name	Text	100	Village or town where the branch is located
	Type of Branch	branch_type	Text	50	Regular / Rural / Urban / Semi-Urban / Mobile Unit
	Services Available	services	Text	150	ATM, Loans, Internet Banking, Aadhaar Seeding, etc.

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude (WGS 84)
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	Last Updated	last_updated	Date	-	Date of latest data collection or validation

30.1.3 Non-Banking Financial Companies (NBFCs)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	NBFC ID	nbfc_id	Alpha-numeric	30	Unique identifier for each NBFC branch/location
	NBFC Name	nbfc_name	Text	100	Name of the NBFC
	Registration Number	reg_num	Text	50	Registration number issued by the Reserve Bank of India (RBI)
	Branch Type	branch_typ	Text	50	Type of branch (e.g., Head Office, Regional Office, Local)
	Services Offered	services	Text	100	Financial services offered (e.g., Loans, Insurance, Investments)
	Operational Status	status	Text	20	Operational status (e.g., Active, Inactive, Closed)
	Contact Number	contact	Text	20	Phone number for customer service
	Email Address	email	Text	100	Official email address
	Address	address	Text	100	Physical address of the NBFC
	City	city	Text	50	City where the NBFC is located
	State	state	Text	50	State where NBFC is located
	Pin Code	pin_code	Text	10	Postal pin code of the NBFC location
	Establishment Year	year_est	Numeric	10	Year the NBFC was established
	Regulatory Authority	reg_auth	Text	50	Name of the regulatory authority (e.g., RBI, SEBI)
	License Type	lic_type	Text	50	Type of license (e.g., Deposit-taking, Non-deposit-taking)

	Customer Segment	cust_seg	Text	50	Target customer base (e.g., Individuals, SMEs, Corporates)
	Loan Products	products	Text	100	Types of loans offered (e.g., Personal Loans, Business Loans)
	Number of Employees	num_empl	Numeric	10	Number of employees at the location
	Nearby Landmarks	landmark	Text	100	Description of nearby landmarks for easy identification
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

30.1.4 Uncovered Village

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point / Polygon	Village ID	village_id	Alpha-numeric	30	Unique identifier for the village
	Village Name	village_name	Text	100	Official name of the village
	Census Code (if available)	census_code	Text	20	Census village code
	District Name	dist_name	Text	50	District of the village
	Block Name	block_name	Text	50	Block of the village
	Population	population	Integer	10	Total village population
	Distance to Nearest Bank	dist_near_bank_km	Double	10 Digit to 2 Decimals	Distance to the nearest operational bank branch (in km)
	Reason for No Coverage	no_cover_reason	Text	150	Accessibility, terrain, demand gap, etc.
	Suggested Intervention	suggest_interv	Text	150	Options like Mobile Banking Unit / CSP / New Branch
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude (WGS 84)
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude (WGS 84)
	Last Updated	last_updated	Date	-	Date of last survey or update

31 CONCOR

31.1 Additional Layer

31.1.1 Freight Stations

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Freight Station ID	freight_id	Alpha-numeric	30	Unique identifier for the freight station
	Freight Station Name	freight_nm	Text	100	Name of the freight station
	Capacity (Tons)	cap_tons	Double	10 Digit to 4 Decimals	Storage or handling capacity of the freight station in tons
	Operating Hours	op_hour	Text	50	Operating hours of the freight station
	Ownership Status	ownership	Text	50	Ownership status (e.g., Private, Government)
	Access Roads	access_rd	Text	100	Road access to the station (e.g., National Highway, Local Roads)
	Distance to Nearest Port	port_dist	Double	10 Digit to 4 Decimals	Distance to the nearest port or major transportation hub
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

31.1.2 Dry Ports

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Dry Port ID	port_id	Alpha-numeric	30	Unique identifier for the dry port
	Dry Port Name	port_name	Text	100	Name of the dry port
	Handling Capacity (TEU)	cap_tons	Numeric	20	Handling capacity of the dry port in TEUs (Twenty-foot Equivalent Units)
	Services Provided	services	Text	200	Services offered at the dry port (e.g., Storage, Customs, Cargo Handling)
	Ownership Status	ownership	Text	50	Ownership status (e.g., Public, Private)
	Customs Facility Available	customs	Text	50	Whether customs facilities are available (Yes/No)
	Access Roads	access_rd	Text	100	Road access to the dry port (e.g., Major Highway, Local Roads)
	Distance to Nearest Port	port_dist	Double	10 Digit to 4 Decimals	Distance to nearest major port or transportation hub in Km
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

31.1.3 Railway siding

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Line	Railway Siding ID	siding_id	Alpha-numeric	30	Unique identifier for the railway siding
	Railway Siding Name	siding_nm	Text	100	Name of the railway siding
	Track Length (km)	track_len	Double	10 Digit to 4 Decimals	Total length of the railway siding in kilometers.
	Track Type	track_type	Text	50	Type of track (e.g., Standard Gauge, Broad Gauge).
	Ownership	ownership	Text	100	Organization or authority owning the siding.
	Usage Type	usage_type	Text	50	Primary usage (e.g., Freight, Passenger, Mixed).
	Connectivity	connectivity	Text	255	Connection details (e.g., Connected to mainline, Dedicated).
	Electrification Status	electric	Text	3	Indicates if siding is electrified (Yes/No).

31.1.4 Multi Model Logistic park

Geometry Type	Attribute Name	Field Name	Type	Width	Description
Polygon	Dry Port ID	port_id	AlphaNum	30	Unique identifier for the dry port
	Dry Port Name	port_name	Text	100	Name of the dry port
	Handling Capacity (TEU)	cap_teu	Numeric	20	Handling capacity in TEUs
	Services Provided	service	Text	200	Services offered (e.g., Storage, Customs)
	Ownership Status	owner	Text	50	Ownership status (e.g., Public, Private)
	Customs Facility	customs	Text	50	Customs facilities available (Yes/No)

	Access Roads	access_rd	Text	100	Road access (e.g., Highway, Local Roads)
	Distance to Port	port_dst	Double	10	Distance to nearest port in Km
	Latitude	lat	Decimal	10	Latitude in decimal degrees
	Longitude	long	Decimal	10	Longitude in decimal degrees
	Parking Capacity	park_cap	Numeric	10	Number of parking slots available

32 Department of Skill Development

32.1 Additional Layer

32.1.1 VTP

Geometry type	Attribute Name	Field Name	Field Type	Field Width / Format	Description
Point	Center ID	center_id	Alpha-numeric	30	Unique identifier for the training center
	Name	name	Text	100	Name of the training center
	Latitude	latitude	Degree Decimal	e.g., 28.6139	Latitude in decimal degrees
	Longitude	longitude	Degree Decimal	e.g., 77.2090	Longitude in decimal degrees
	District	district	Text	100	District where the center is located
	Courses Offered	Cors_offerd	Text	200	List of major courses offered
	Capacity	capacity	Numeric	10	Maximum number of students the centre can accommodate
	NCVT Certification	ncvt_cert	Text	10	Whether certified by NCVT (Yes/No)
	Infrastructure Available	infra_avail	Text	200	Description of available infrastructure (labs, classrooms, etc.)

33 Department of Commerce and Industries

33.1 Mandatory Layer

33.1.1 Industrial Parks

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Industrial _ID	Indus_ID	Alphanumeric	30	Unique Id
	Location Name	Vill_Name	Text	50	Name of Location
	District Name	Dist_Name	Text	50	District Name
	State Name	State_Name	Text	50	State Name
	Industrial Zone Type	Indus_Type	Text	50	Manufacturing/ Service/ Chemical/ Pharma/Textile/ IT Parks etc.
	Project Details	Pro_Details	Text	50	Complete/ongoing/ sanctioned/planning
	Area	Area	Numeric	20	Area (in Sq.km)

33.1.2 Cold Storage

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Cold Storage ID	cs_id	Alpha-numeric	30	Unique code assigned to the cold storage
	Cold Storage Name	cs_name	Text	100	Name of the cold storage facility
	Location	location	Text	100	Address or location of the cold storage
	Capacity (Tons)	cap_tons	Double	10 Digit to 4 Decimals	Total storage capacity in tons
	Temperature Range (°C)	temp_range	Text	50	Temperature range maintained (e.g., -18°C to -22°C)
	Storage Type	stor_type	Text	50	Type of goods stored (e.g., Frozen, Perishable, Dry)
	Nearby Transportation	near_trans	Text	200	Nearby transportation facilities (e.g., Railway, Road Access)
	Insurance Available	insurance	Text	3	Whether insurance is available for stored goods (Yes/No)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

33.1.3 Warehouse

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Warehouse ID	ware_id	Alpha-numeric	30	Unique code assigned to the warehouse
	Warehouse Name	ware_name	Text	100	Name of the warehouse
	Location	location	Text	100	Address or location of the warehouse
	Storage Capacity	cap_tons	Double	10 Digit to 4 Decimals	Total storage capacity in metric Ton
	Type of Goods Stored	goods_type	Text	200	Types of goods stored (e.g., Electronics, Textiles, Food)
	Storage Conditions	stor_cond	Text	100	Storage conditions (e.g., Temperature-controlled, Dry Storage)
	Nearby Transportation	near_trans	Text	200	Nearby transportation facilities (e.g., Road, Railway, Port Access)
	Insurance Available	insurance	Text	3	Whether insurance is available for stored goods (Yes/No)
	Parking Availability	parking	Text	3	Whether parking is available for vehicles (Yes/No)
	Loading/Unloading Facilities	facility	Text	200	Loading/unloading facilities available at the warehouse (e.g., Dock, Ramp)

33.1.4 All Industries

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Industry ID	indus_id	Alpha-numeric	30	Unique code assigned to the industry
	Industry Name	indus_name	Text	100	Name of the industry
	Location	location	Text	100	Address or location of the industry
	Industry Type	indus_type	Text	50	Manufacturing/ Service/ Chemical/ Pharma/Textile/ IT Parks etc.
	Annual Revenue (INR)	ann_revn	Double	10 Digit to 4 Decimals	Annual revenue of the industry in Indian Rupees
	Products Manufactured	manuf_prod	Text	200	List of products manufactured, or services provided by the industry
	Certifications/ Accreditations	cert_acrdt	Text	200	Industry certifications or accreditations (e.g., ISO 9001, CE)
	Operating Hours	op_hour	Text	100	Operating hours of the industry
	Nearby Infrastructure	near_infra	Text	200	Nearby infrastructure facilities (e.g., Road, Railway, Ports)
	Project Details	pro_status	Text	50	Complete/ongoing/ sanctioned/planning
	Area	area_sqkm	Numeric	20	Area (in Sq.km)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

33.1.5 Industrial Park Amenities

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Point	Amenity ID	amenity_id	Alpha-numeric	30	Unique identifier for the amenity point
	Amenity Name	amenity_name	Text	100	Name of the amenity (e.g., Power Substation, Water Tank, Fire Station)
	Amenity Type	amenity_type	Text	100	Category: Power, Water, Safety, Transport, Communication, etc.
	Location Description	location_desc	Text	200	Address or landmark near the amenity
	Latitude	latitude	Double	10 Digit to 6 Decimals	Latitude in WGS 84
	Longitude	longitude	Double	10 Digit to 6 Decimals	Longitude in WGS 84
	Availability Status	avail_status	Text	50	Functional / Non-Functional / Under Construction
	Associated Park Name	park_name	Text	100	Name of the Industrial Park where this amenity is located
	Managing Authority	managing_auth	Text	100	Agency or Department responsible for operation and maintenance

	Capacity / Specification	capacity	Text	100	Capacity details (e.g., 33kV, 50KL tank)
	Infrastructure Condition	infra_cond	Text	50	Good / Fair / Poor
	Last Inspection Date	inspect_date	Date	-	Date of the last condition assessment
	Remarks	remarks	Text	200	Any other observations or notes

33.1.6 Industrial Park plot Boundary

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Plot ID	plot_id	Alpha-numeric	30	Unique identifier for the industrial plot
	Plot Number	plot_no	Text	50	Official plot number
	Plot Area (in sq.m)	area_sqm	Double	10 Digit to 4 Decimals	Area of the plot in square meters
	Allotted/Available Status	status	Text	50	Allotted / Available / Reserved
	Allottee Name (if any)	allottee_name	Text	100	Name of the company or entity to whom the plot is allotted

	Industry Type	ind_type	Text	100	Type of industry proposed or functional (e.g., Electronics, Textile, Pharma)
	Associated Park Name	park_name	Text	100	Name of the Industrial Park
	Utilities Available	utilities	Text	200	List of available utilities (e.g., Power, Water, Road, Sewerage)
	Infrastructure Status	infra_status	Text	50	Developed / Under Development / Planned
	Road Access Available	road_access	Text	50	Yes / No
	Boundary Condition	boundary_cond	Text	50	Status of boundary (e.g., Fenced, Open)
	Land Use Classification	landuse_class	Text	50	Category as per zoning (e.g., Light Industry, Heavy Industry)
	Remarks	remarks	Text	200	Any specific comment or additional data

34 State Election Commission

34.1 Additional Layer

34.1.1 Parliamentary Constituency

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description
Polygon	Constituency Code	parlm_code	Alph-numeric	30	Unique code assigned to the parliamentary constituency
	Constituency Name	parlm_name	Text	100	Name of the parliamentary constituency
	State/UT	state_name	Text	100	State or Union Territory where the constituency is located
	Total Area (Sq. Km)	area_sqkm	Double	10 Digit to 4 Decimals	Total area of the constituency in square kilometers
	Population	population	Numeric	20	Total population of the constituency
	Number of Assembly Segments	num_assmbl	Numeric	20	Number of assembly constituencies within the parliamentary constituency
	Reserved Status	res_status	Text	50	Reserved status (e.g., General, SC, ST)
	Electoral Roll Count	voter_cnt	Numeric	20	Total number of voters in the electoral roll
	Literacy Rate (%)	literacy	Double	10 Digit to 2 Decimals	Literacy rate of the population in percentage
	SC Population (%)	sc_pop	Double	10 Digit to 2 Decimals	Percentage of Scheduled Caste population
	ST Population (%)	st_pop	Double	10 Digit to 2 Decimals	Percentage of Scheduled Tribe population
	Female Voters (%)	prcnt_feml	Double	10 Digit to 2 Decimals	Percentage of female voters in the constituency

	Male Voters (%)	prcnt_male	Double	10 Digit to 2 Decimals	Percentage of male voters in the constituency

34.1.2 Assembly Constituency

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Polygon	Constituency Code	asmbl_code	Alpha-numeric	30	Unique code assigned to the assembly constituency
	Constituency Name	asmbl_name	Text	100	Name of the assembly constituency
	State/UT	state_name	Text	100	State or Union Territory where the constituency is located
	Parliamentary Constituency	parl_const	Text	100	Name of the parliamentary constituency to which it belongs
	Total Area (Sq. Km)	area_sqkm	Double	10 Digit to 4 Decimals	Total area of the constituency in square kilometers
	Population	population	Numeric	20	Total population of the constituency
	Reserved Status	res_status	Text	50	Reserved status (e.g., General, SC, ST)
	Electoral Roll Count	voter_cnt	Numeric	20	Total number of voters in the electoral roll
	Literacy Rate (%)	literacy	Double	10 Digit to 4 Decimals	Literacy rate of the population in percentage
	SC Population (%)	sc_pop	Double	10 Digit to 4 Decimals	Percentage of Scheduled Caste population

	ST Population (%)	st_pop	Double	10 Digit to 4 Decimals	Percentage of Scheduled Tribe population
	Female Voters (%)	prcnt_feml	Double	10 Digit to 4 Decimals	Percentage of female voters in the constituency
	Male Voters (%)	prcnt_male	Double	10 Digit to 4 Decimals	Percentage of male voters in the constituency

35 Department of Telecommunications (BSNL)

35.1 Additional Layer

35.1.1 Mobile Towers

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Tower ID	tower_id	Alpha-numeric	30	Unique identifier for each mobile tower
	Tower Name	tower_name	Text	50	Name or designation of the tower
	Address	address	Text	100	Physical address of the tower location
	City	city	Text	50	City where the tower is located
	State	state	Text	50	State where the tower is located
	Operator Name	oper_name	Text	50	Name of the mobile network operator managing the tower
	Tower Type	tower_type	Text	30	Type of tower (e.g., Monopole, Lattice, Guyed, Rooftop)
	Installation Date	install_date	Text	20	Date the tower was installed
	Height (m)	height_m	Double	10 Digit to 4 Decimals	Height of the tower in meters
	Coverage Radius (km)	covrg_rad	Double	10 Digit to 4 Decimals	Coverage radius of the tower in kilometers
	sub Source	power_src	Text	30	Power source for the tower (e.g., Grid, Solar, Diesel Generator)
	Status	op_status	Text	20	Operational status of the tower (e.g., Active, Under Maintenance, Decommissioned)
	Tower Owner	tower_ownr	Text	50	Name of the organization or individual owning the tower
	Tower Usage	tower_usg	Text	50	Primary usage of the tower (e.g., Mobile Communication, Internet Services)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude

	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

35.1.2 Mobile tower 5G

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Tower ID	tower_id	Alpha-numeric	30	Unique identifier for each 5G mobile tower
	Address	address	Text	100	Physical address of the 5G tower location
	City	city	Text	50	City where the 5G tower is located
	State	state	Text	50	State where the 5G tower is located
	Operator Name	oper_name	Text	50	Name of the mobile network operator managing the 5G tower
	Tower Type	tower_type	Text	30	Type of tower (e.g. Small Cell Monopole, Rooftop)
	Installation Date	install_date	Text	20	Date the 5G tower was installed
	Height (m)	height_m	Double	10 Digit to 4 Decimals	Height of the 5G tower in meters
	Coverage Radius (km)	cov_radius	Double	10 Digit to 4 Decimals	Coverage radius of the 5G tower in kilometers
	Frequency Bands (GHz)	frequency	Text	50	Supported frequency bands

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
					for 5G (e.g., Sub-6 GHz)
	Technology Type	tech_type	Text	30	5G technology type (e.g., Standalone, Non-Standalone)
	Power Source	power_src	Text	30	Power source for the 5G tower (e.g., Grid, Solar, Battery Backup)
	Tower Owner	tower_ownr	Text	50	Name of the organization or individual owning the tower
	Network Type	network	Text	30	Network type supported (e.g., 5G, 5G + 4G)
	Usage	usage	Text	50	Primary usage of the tower (e.g., Mobile Communication, IoT Applications)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

35.1.3 Optical Fiber Network (OFC)

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Line	Cable ID	cable_id	Alpha-numeric	30	Unique identifier for each optical fiber cable segment
	Cable Name	cable_name	Text	50	Name or designation of the cable segment
	Installation Date	install_date	Text	20	Date the cable was installed
	Cable Type	cable_type	Text	30	Type of optical fiber cable (e.g., Single mode, Multi-mode)
	Core Count	core_count	Numeric	10	Number of fiber cores in the cable

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
	Cable Length (km)	cable_len	Double	10 Digit to 4 Decimals	Length of the cable segment in kilometers
	Signal Capacity (Gbps)	signal_cap	Double	10 Digit to 4 Decimals	Maximum data carrying capacity of the cable in Gbps
	Owner/Operator Name	owner_name	Text	50	Name of the organization owning or operating the cable network
	Installation Method	ins_method	Text	30	Method of installation (e.g., Underground, Aerial, Submarine)
	Status	status	Text	20	Operational status of the cable (e.g., Active, Under Maintenance, Planned)
	Start Node	start_node	Text	50	Name or identifier of the starting node/point of the cable
	End Node	end_node	Text	50	Name or identifier of the ending node/point of the cable
	Connectivity Type	conn_type	Text	30	Type of network connectivity (e.g., Backbone, Last Mile, Access)
	Transmission Technology	trans_tech	Text	30	Type of technology used (e.g., DWDM, SDH, GPON)
	Service Area	serv_area	Text	50	Geographic area served by the cable

35.1.4 Wifi Hotspots

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
	Hotspot ID	hotspot_id	Alpha-numeric	30	Unique identifier for each WiFi hotspot
	Hotspot Name	hotspot_nm	Text	50	Name or designation of the WiFi hotspot
	Address	address	Text	100	Physical address or landmark of the hotspot location
	City	city	Text	50	City where hotspot is located
	State	state	Text	50	State where hotspot is located

	Location Type	loc_type	Text	30	Type of location (e.g., Public Park, Office, Mall, Transportation Hub)
Point	Provider Name	provider	Text	50	Name of the service provider managing the WiFi hotspot
	Installation Date	install_dt	Text	20	Date the WiFi hotspot was installed
	Maximum Users	max_users	Numeric	10	Maximum number of concurrent users the hotspot can support
	Speed (Mbps)	speed_mbps	Double	10 Digit to 4 Decimals	Maximum internet speed provided by hotspot in Mbps
	Coverage Radius (m)	cov_radius	Double	10 Digit to 4 Decimals	Coverage radius of the WiFi hotspot in meters
	Network Band	ntwrk_freq	Text	30	Band used by the WiFi hotspot (2.4 GHz, 5 GHz, Dual-Band)
	Security Protocol	secur_prot	Text	30	Security protocol implemented (e.g., WPA2, WPA3, Open)
	Usage Type	usage_type	Text	20	Type of usage (Free, Paid, Freemium)
	Power Source	power_src	Text	30	Power source for the hotspot (Grid, Solar, Battery Backup)
	Status	status	Text	20	Operational status of the hotspot (e.g., Active, Inactive, Under Maintenance)
	Access Technology	accss_tech	Text	30	Technology used to provide WiFi (e.g., Fiber, 4G, 5G)
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.56012 E	Longitude

36 Indian Post

36.1 Additional Layer

36.1.1 Post Offices

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Point	Post Office ID	po_id	Alpha-numeric	30	Unique Post Office Identifier
	Name of Office	po_name	Text	100	Post Office Name
	Office Type	office_type	Text	30	Head/Sub/Branch
	Pincode	pincode	Text	6	6-digit PIN code
	District Name	dist_name	Text	50	District name
	Location Type	loc_type	Text	20	Urban/Rural
	Services Available	services	Text	200	Mail, Banking, Aadhaar etc.
	Address	address	Text	200	Complete address
	Staff Count	staff_count	Numeric	10	Number of employees
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	Long	Degree Decimal	Ex. 80.5612 E	Longitude

36.1.2   Logistic Centers

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Polygon	Logistic Center ID	lc_id	Alpha-numeric	30	Unique ID for Logistics Center
	Center Name	lc_name	Text	100	Name of the facility
	District Name	dist_name	Text	50	District name
	Facility Area (sqm)	area_sqm	Double	10 Digit to 2 Decimals	Area in square meters
	Number of Vehicles Bays	vehicle_bays	Numeric	10	Bays for delivery vans
	Warehousing Facility	warehouse_fac	Text	3	Yes/No
	Sorting Facility	sorting_fac	Text	3	Yes/No
	Address	address	Text	200	Complete address
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

36.1.3 Post Boxes

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Point	Post Box ID	pb_id	Alpha-numeric	30	Unique ID for Post Box
	Box Number	box_no	Text	10	Number assigned to post box
	Location Description	loc_desc	Text	200	Landmark or area details
	City Name	city_name	Text	50	Name of city
	District Name	dist_name	Text	50	District
	Collection Frequency	collect_freq	Text	20	Daily/Twice a day/Weekly
	Responsible PO	resp_po	Text	100	Name/ID of managing post office
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

37 Excise Department

37.1.1 Additional Layer

37.1.1.1 Alcohol Warehouses

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Polygon	Warehouse ID	aw_id	Alpha-numeric	30	Unique ID for Alcohol Warehouse
	Warehouse Name	name_warehouse	Text	100	Name of the Warehouse
	District Name	dist_name	Text	50	Name of District
	Address	address	Text	200	Full Address
	Storage Capacity (KL)	store_cap_kl	Double	10 Digit to 2 Decimals	Total storage capacity in kiloliters
	License Number	license_no	Text	50	Authorized license number
	License Expiry Date	license_valid	Date	-	License expiry date
	Enforcement Zone	enf_zone	Text	50	Jurisdictional enforcement area
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

37.1.2 Alcohol Warehouses

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Polygon	Warehouse ID	aw_id	Alpha-numeric	30	Unique ID for Alcohol Warehouse
	Warehouse Name	name_warehouse	Text	100	Name of the Warehouse
	District Name	dist_name	Text	50	Name of District
	Address	address	Text	200	Full Address
	Storage Capacity (KL)	store_cap_kl	Double	10 Digit to 2 Decimals	Total storage capacity in kiloliters
	License Number	license_no	Text	50	Authorized license number
	License Expiry Date	license_valid	Date	-	License expiry date
	Enforcement Zone	enf_zone	Text	50	Jurisdictional enforcement area
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

37.1.3 Distilleries

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Polygon	Distillery ID	dist_id	Alpha-numeric	30	Unique ID for Distillery
	Distillery Name	dist_name	Text	100	Name of the Distillery
	Type of Alcohol	alcohol_type	Text	50	IMFL/Beer/Wine
	Storage Capacity (KL)	store_cap_kl	Double	10 Digit to 2 Decimals	Total capacity
	Daily Production (KL)	prod_daily_kl	Double	10 Digit to 2 Decimals	Daily production
	License Number	license_no	Text	50	License No
	License Expiry Date	license_valid	Date	-	Validity
	Location	address	Text	200	Location with address
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

37.1.4 Retail Liquor Shops

Geometry Type	Attribute Name	Field Name	Field Type	Field Width	Description
Point	Shop ID	shop_id	Alpha-numeric	30	Unique ID for Liquor Shop
	Shop Name	shop_name	Text	100	Name of the shop
	District Name	dist_name	Text	50	Name of District
	Address	address	Text	200	Shop address
	Type of Liquor	liquor_type	Text	50	IMFL/Beer/Country Liquor
	Daily Sales Limit (Litre)	sale_limit_lt	Double	10 Digit to 2 Decimals	Max daily sales
	License Number	license_no	Text	50	Excise license ID
	License Validity	license_valid	Date	-	Expiry date
	Latitude	lat	Degree Decimal	Ex. 26.4812 N	Latitude
	Longitude	long	Degree Decimal	Ex. 80.5612 E	Longitude

37.1.5 Bars & Cafes

Geometry Type	Attribute Name	Attribute Field Name	Attribute Field Type	Attribute Field Width	Description/Value
Point	Establishment ID	estb_id	Alpha-numeric	30	Unique identifier for each bar or cafe
	Name	name	Text	100	Official name of the bar or cafe
	Type	type	Text	50	Bar / Cafe / Lounge / Pub
	Address	address	Text	200	Full physical address
	Contact Number	contact_no	Text	20	Contact phone number
	Operating Hours	operating_hours	Text	100	Typical hours of operation (e.g., 11 AM - 11 PM)
	License Number	license_no	Alpha-numeric	50	Liquor license or business license number
	Seating Capacity	seating_capacity	Integer	5	Number of seats available
	District Name	dist_name	Text	50	District where the establishment is located
	Ward / Locality	ward_name	Text	50	Local administrative unit or ward
	Latitude	lat	Double	10 Digit to 6 Decimals	Latitude coordinate in WGS 84
	Longitude	long	Double	10 Digit to 6 Decimals	Longitude coordinate in WGS 84
	Last Inspection Date	last_inspection	Date	-	Date of last health/safety/license inspection
	Status	status	Text	50	Operational / Closed / Under Renovation