

# Dataset Description:

## CPCB Air Pollution Data (Data.csv)

### Columns Description:

1. **Timestamp** – The date of data collection in the format **DD-MM-YYYY**.
2. **Station** – The name of the air quality monitoring station.
3. **PM2.5** – Particulate Matter (PM2.5) concentration (in  $\mu\text{g}/\text{m}^3$ ). This data may be missing for some stations.
4. **PM10** – Particulate Matter (PM10) concentration (in  $\mu\text{g}/\text{m}^3$ ). Some records may have missing values.
5. **Address** – The detailed address of the monitoring station.
6. **City** – The city where the monitoring station is located.
7. **Latitude** – The latitude coordinate of the station.
8. **Longitude** – The longitude coordinate of the station.
9. **State** – The state in which the station is located.

## NCAP Funding for Indian Cities (NCAP\_Funding.csv)

### Columns Description:

1. **State** – Name of the state (Andhra Pradesh).
2. **City** – Name of the city receiving NCAP funding.
3. **Amount Released During FY 2019-20** – Funds (in crores) allocated in the financial year 2019-20.
4. **Amount Released During FY 2020-21** – Funds allocated in the financial year 2020-21.

5. **Amount Released During FY 2021-22** – Funds allocated in the financial year 2021-22.
6. **Total Fund Released** – Cumulative amount released to the city across all three years.
7. **Utilisation as on June 2022** – Total funds utilized by the city up to June 2022.

## **State-wise Population and Area (State\_data.csv)**

### **Columns Description:**

1. **State** – Name of the Indian state.
2. **Population** – The total population of the state, based on census data.
3. **Area (km<sup>2</sup>)** – The total land area of the state in square kilometers.