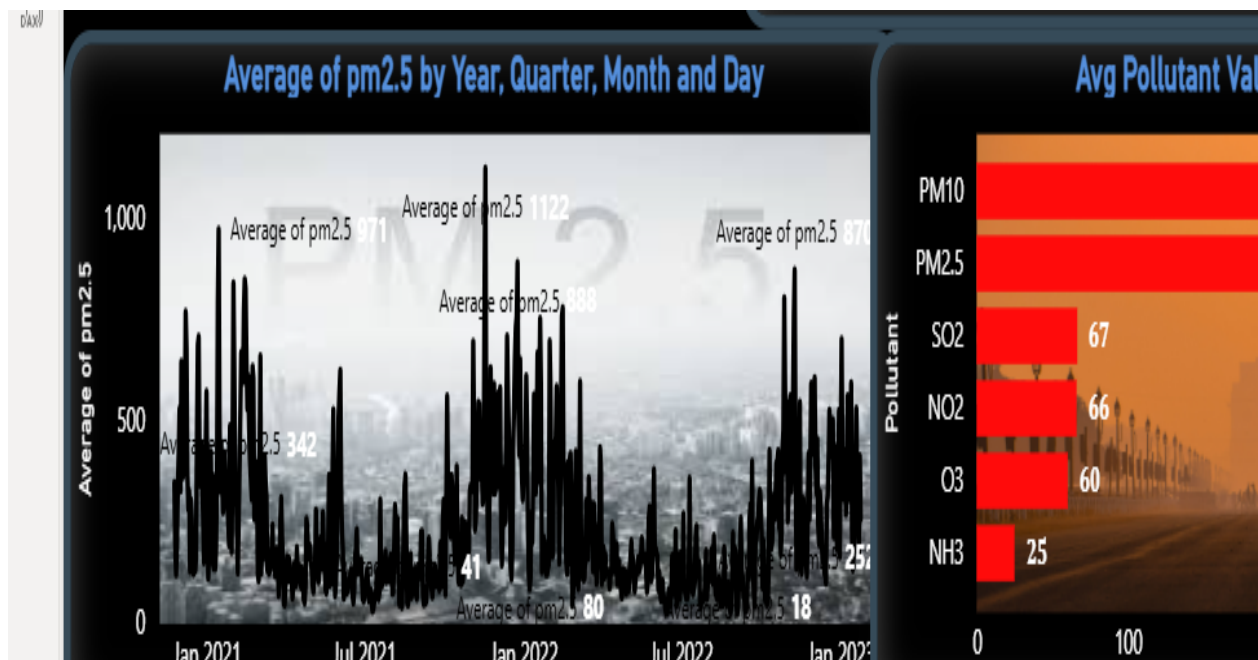# Delhi Air Quality Dashboard – Visual Explanation Report (2020–2023)
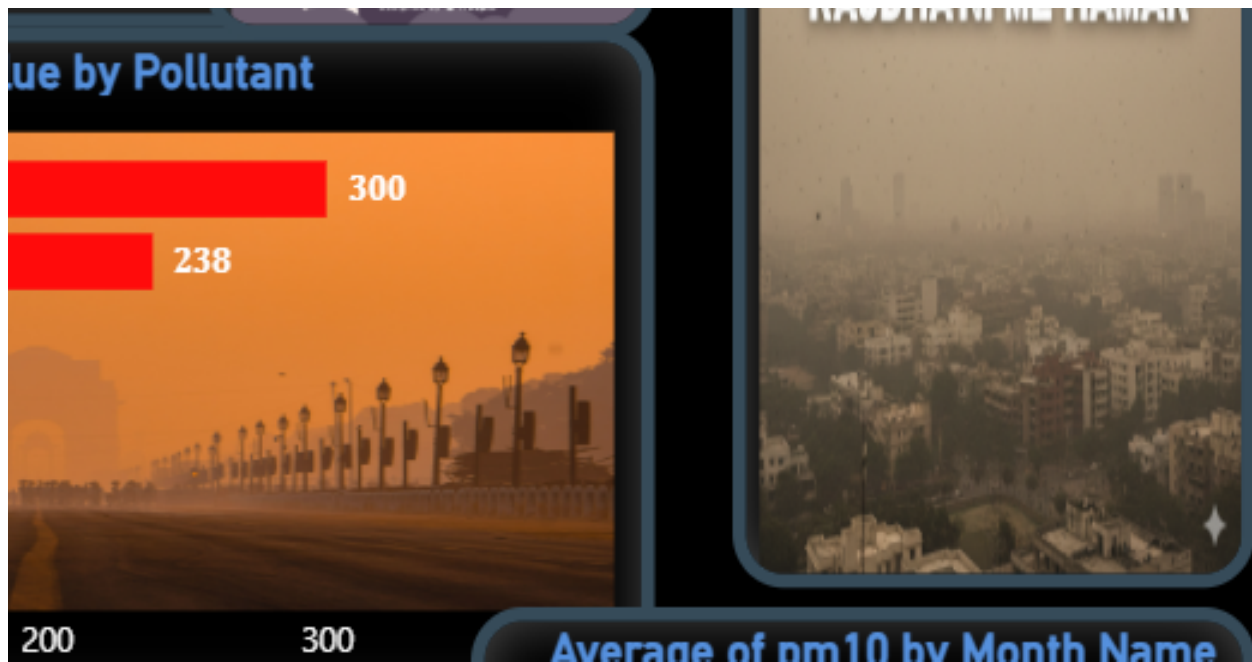
KPI Cards (PM10 & PM2.5)

These KPI cards summarise average PM10 and PM2.5 concentrations. Both are far above health limits, clearly showing Delhi's chronic particulate pollution problem.
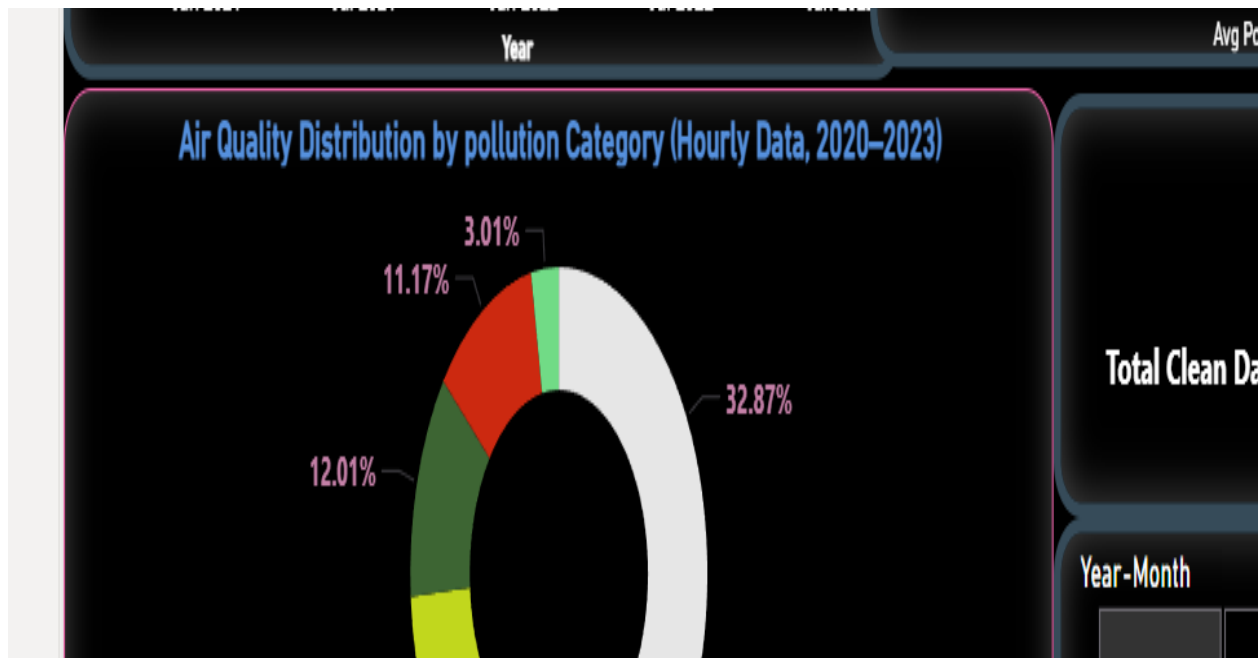
PM2.5 Time Series Trend

This visual shows PM2.5 variation over time. Sharp winter spikes appear every year, proving pollution is seasonal and predictable.
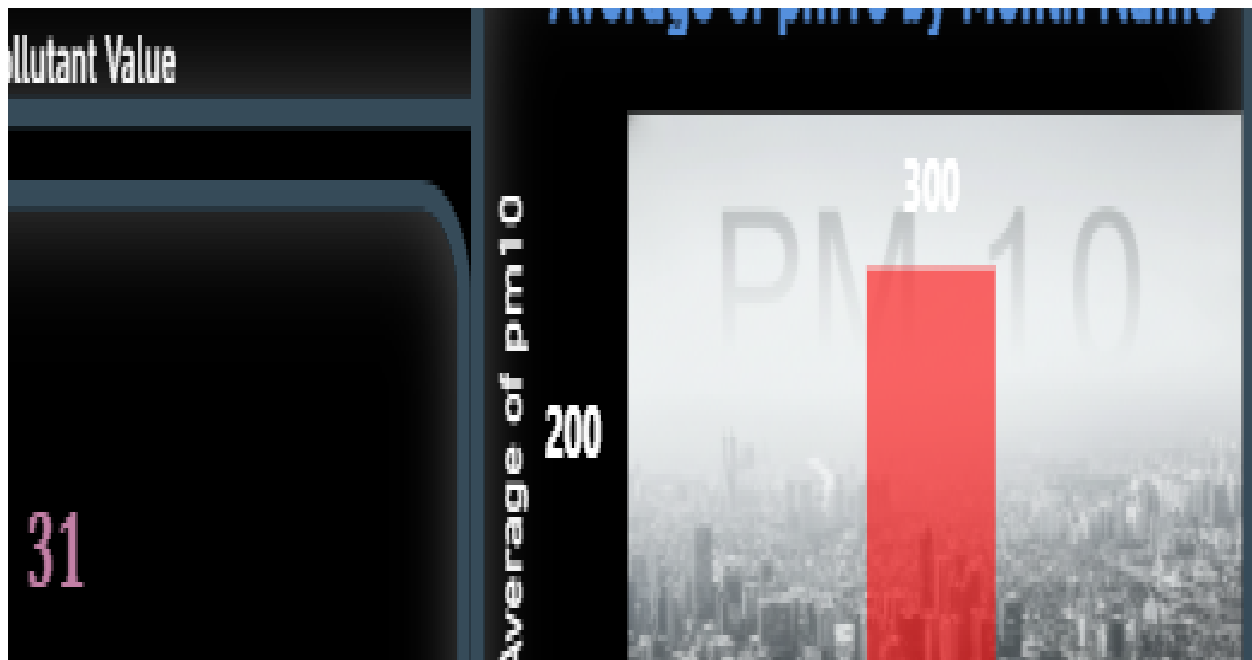
Average Pollutant Bar Chart

The bar chart compares pollutants. PM10 and PM2.5 dominate, confirming particulate matter is the primary AQI driver.

AQI Category Distribution

Air Quality Distribution by pollution Category (Hourly Data, 2020–2023)

3.01%
11.17%
32.87%
12.01%

Total Clean Da
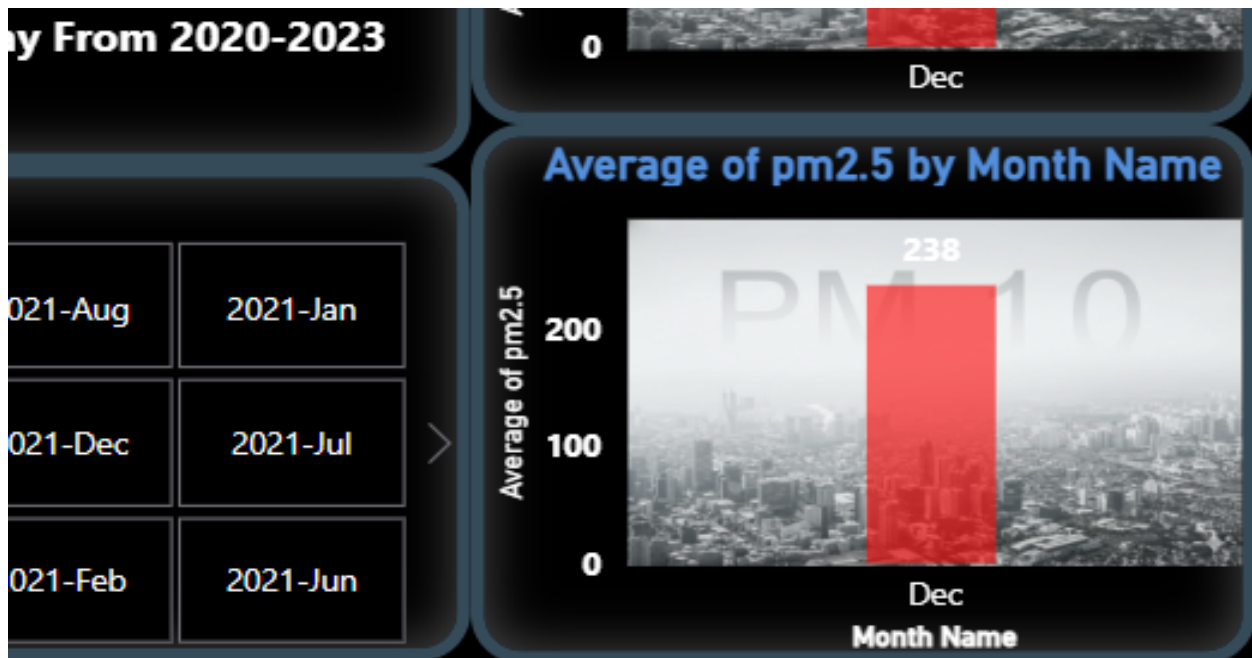
Year-Month

Year

Avg Po

This chart shows AQI category share. Most time falls under Poor to Severe, while Good air quality is extremely rare.

Clean Days KPI

Only 31 clean days occurred between 2020–2023, highlighting near-continuous exposure to polluted air.

Monthly PM10 & PM2.5

Monthly bars show December as the most polluted month due to winter inversion and emission accumulation.