# Air\_Quality\_EDA\_India: -

Air is what keeps humans alive. Monitoring it and understanding its quality is of immense importance to our well-being. The dataset contains air quality data and AQI (Air Quality Index) at hourly and daily level of various stations across multiple cities in India.

**AIR POLLUTION** refers to the release of **pollutants** into the **air** that is detrimental to human health and the planet.

Today air pollution has been one of the significant problems to deal with for any nation. In South Asia, it is ranked as the sixth most dangerous killer.  
One does not realize the harmful effects of a problem if he/she has not experienced it in the first place.

## Cities

Amaravati Guwahati Patna Chandigarh Delhi Ahmedabad Gurugram Jorapokhar Bengaluru Thiruvananthapuram Mumbai Shillong Bhopal Aizawl Brajrajnagar Talcher Amritsar Jaipur Hyderabad Chennai Lucknow Kolkata.

## Libraries Used:

1. Plotly - https://pypi.org/project/plotly/

3. pandas

4. nympy

5. os

6. seaborn

7. matplotlib

## DATA:

The data has been made publicly available by the Central Pollution Control Board: https://cpcb.nic.in/ which is the official portal of Government of India. They also have a real-time monitoring app: https://app.cpcbccr.com/AQI\_India/

lisence - https://creativecommons.org/publicdomain/zero/1.0/