Air Quality Exploratory Data Analysis India Project

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.

Cities:-

1. Amaravati.
2. Guwahati.
3. Patna.
4. Chandigarh.
5. Delhi.
6. Ahmedabad.
7. Gurugram.
8. Jorapokhar.
9. Bengaluru.
10. Thiruvananthapuram.
11. Mumbai.
12. Shillong.
13. Bhopal.
14. Aizawl.
15. Brajrajnagar.
16. Talcher.
17. Amritsar.
18. Jaipur.
19. Hyderabad.
20. Chennai.
21. Lucknow.
22. Kolkata.

Libraries Used:-

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

2. Pandas

3. Numpy

4. Os

5. Seaborn

6. 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/