**Basics of Data Science and Analysis of India’s Air Quality**

Topics:

1. What is data science? Why is it needed? Industry applications
2. Installing python
3. Comments and Variables in python
4. Data types, numbers and casting in python
5. List, tuples, sets, dictionaries in python
6. If else, for and while loops in python
7. What is a jupyter notebook? Getting started with jupyter notebook
8. Introduction to pandas (explanation, basics and installation)
9. Introduction to numpy (explanation, basics and installation)
10. Introduction to matplotlib (explanation, basic and installation)
11. Project problem statement and importing dataset
12. Data preparation/ pre-processing
13. Introduction to plotly
14. Data analysis
15. Data visualization
16. Pushing your notebook to github with a README.md