**ES 225**

**Assignment 1** **Date: 12th August**

**Research papers:**

Q1) Summarize both the papers (papers 1&2)

Q2) What air pollutants and meteorological variables were monitored, and which statistical technique was used to model their relationships? Describe the frequency and duration of data collection (from paper 1)

Q3) Which visualization methods were used to analyse the spatio-temporal patterns of PM2.5 in Beijing, and how did they help reveal pollution trends? (from paper 2)

**CPCB website**: - <https://cpcb.nic.in/>

Q1) Download the daily average data from the CPCB website for any monitoring station in your assigned region, covering the period from January 2020 to the present.

Q2) Describe the dataset, including the various pollutants and meteorological parameters it contains. Explain the significance of these variables and provide any additional insights you can infer from the data.