COVID-19 & Air Quality

Background: Air quality seems to be impacting the occurrence and severity of COVID-19[1]. The exact nature of the effect has been difficult to understand.

Problem: Your team is working with a COVID-19 researcher in trying to understanding the effect of air quality on C-19 in the US. Using publically available C-19[2], and air quality[3], you will prepare a dataset for a spatiotemporal clustering approach and try to replicate the study described in [1].

Approach: Your team will follow the steps in general guideline for the working through the project.

1. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7442434/
2. https://github.com/CSSEGISandData
3. https://aqs.epa.gov/aqsweb/documents/data_mart_welcome.html