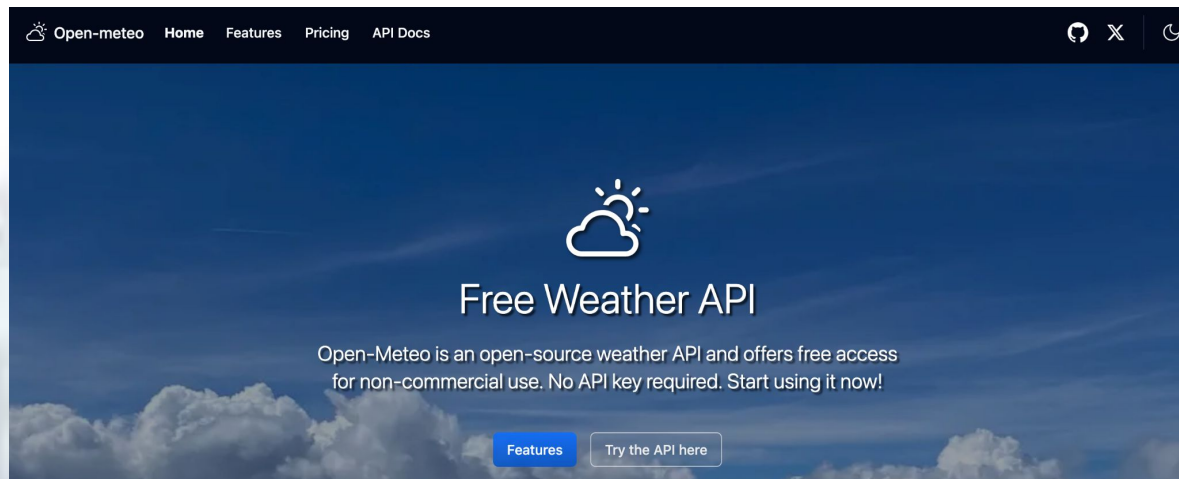# Westwood Air Quality Prediction

Stats 418 Proposal Presentation

Timothy Tu

Data Collection
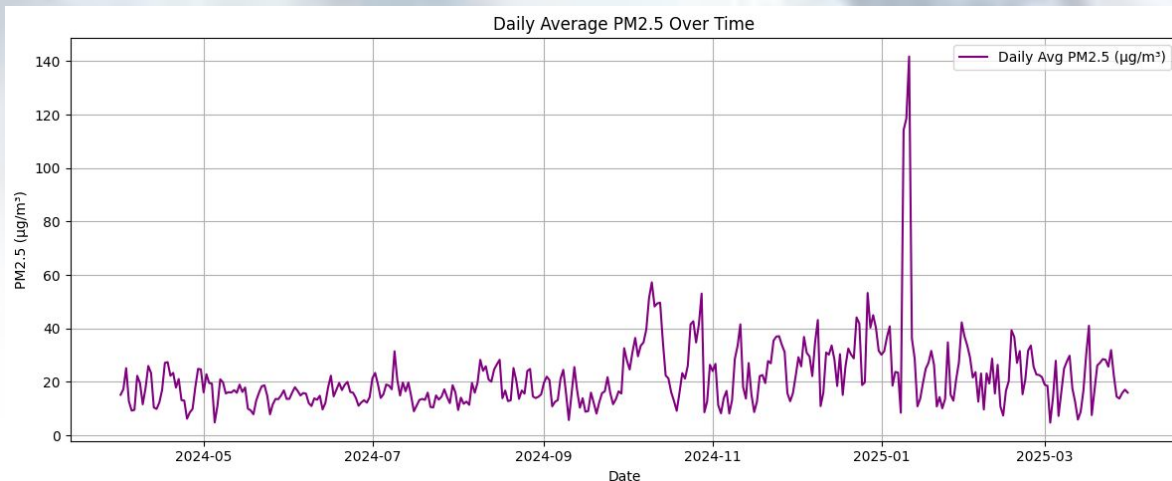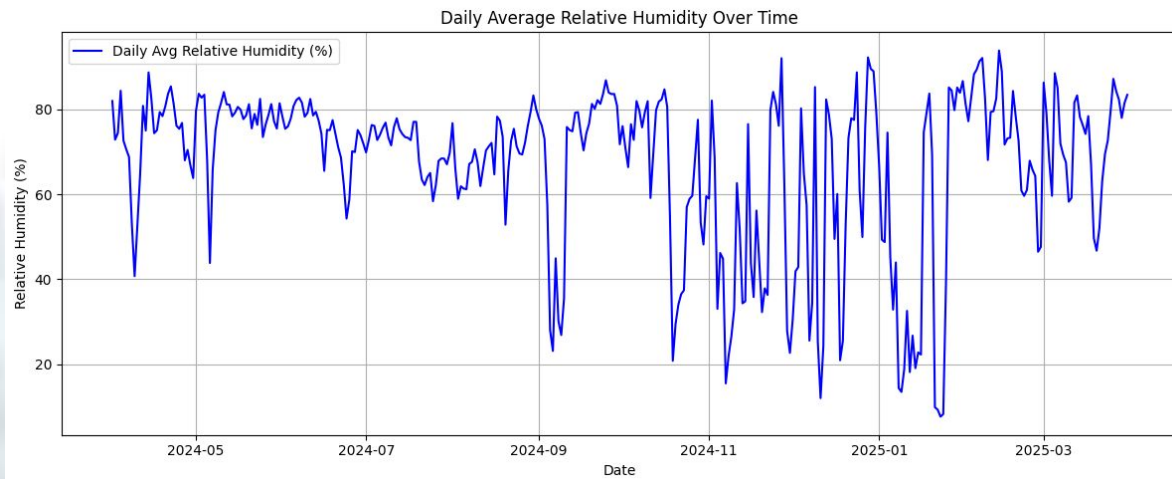

- Free API to get historical weather and air quality data
- Formatted as JSON, information hourly

Some General EDA

Precipitation	No Precipitation
55	310

- Weather : Temperature (C), Precipitation (mm), Relative Humidity (%), Cloud Cover (%)
- AQI: PM2.5, PM10, Carbon Monoxide (all μ/m^3)

Daily Average Relative Humidity Over Time

Daily Average PM2.5 Over Time

Next Steps

01   Consider other factors I may be interested in, should I extend how much data I use

02   Get model and build the app