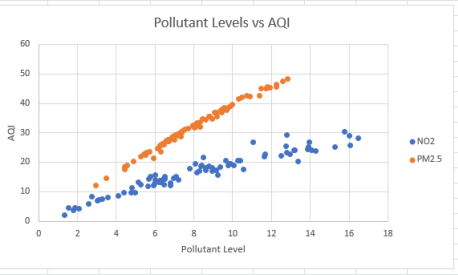


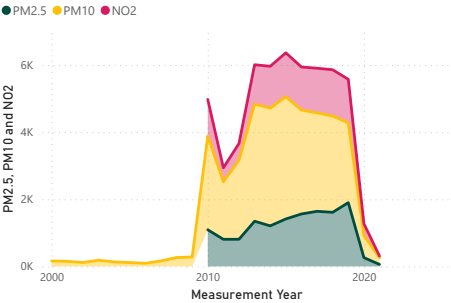
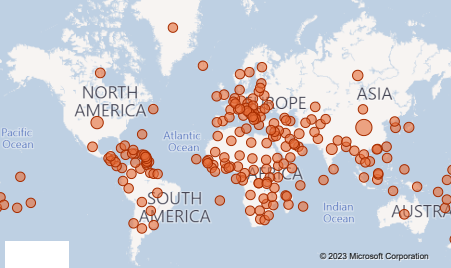
Emissions Experts

This dashboard focuses on the main visuals used to answer the initial questions our team came up with. Using both historical and real time data from the Open Weather API, these graphs help tell the story of how emissions levels are all over the globe, as well as how the emission levels in the United States affect air quality and what industries impact air quality the most.

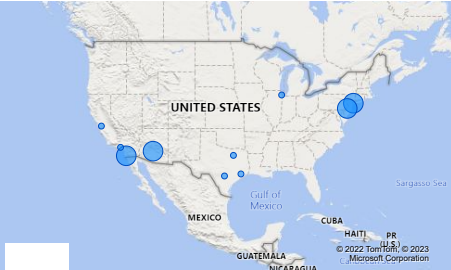
Pollutant impacts on AQI



Total Emissions by Countries

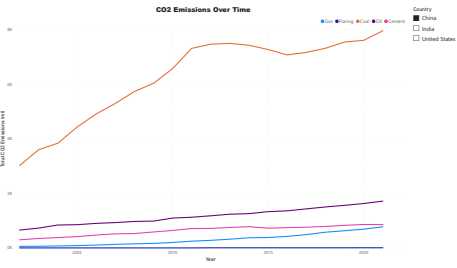


Live AQI by city

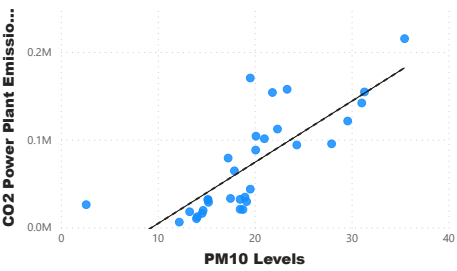


CO2 Emissions

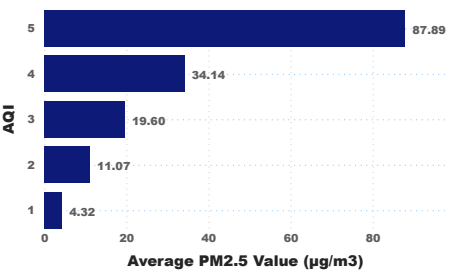
REFRESHED: 1/30/2023, 1:38:00 PM



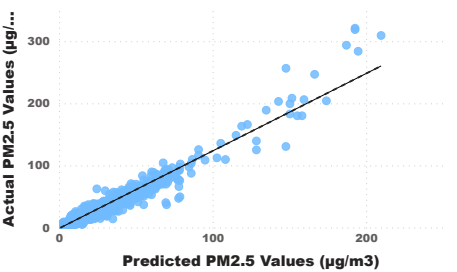
Power Plant Emissions vs PM10



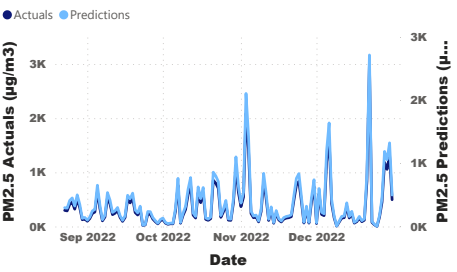
Average PM2.5 Value by AQI for New York City



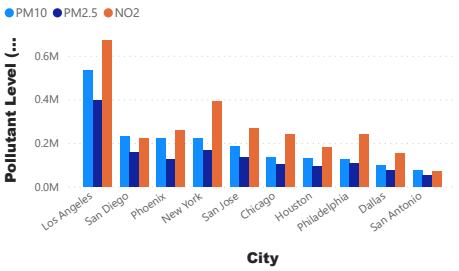
Predicted vs Actual PM2.5 Values for XGBoost Model



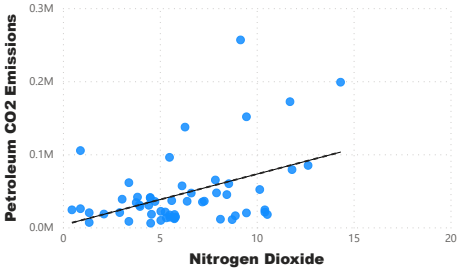
Predicted vs Actual PM2.5 Values Over Time for LSTM Model



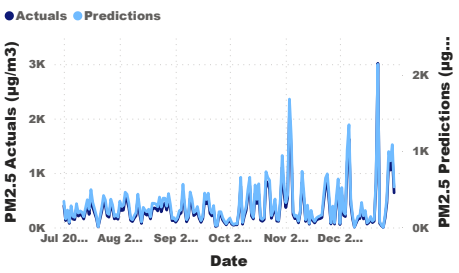
Pollutant Levels by US City



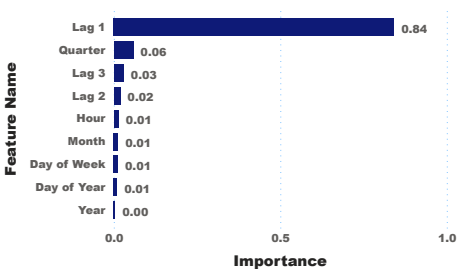
Nitrogen Dioxide vs Petroleum Emissions



Predicted vs Actual PM2.5 Values Over Time for XGBoost Model



Feature Importance for XGBoost Model



Predicted vs Actual PM2.5 Values for LSTM Model

