Data Appendix

Daily_Avg_CO.csv
This CSV contains two columns. The first is the "date" column in the format yyyy-mm-dd. The second column is "Daily Max 8-hour CO Concentration" with the average CO value of all sites in Los Angeles for a given day measured in parts per million (PPM). An example value is 0.5428571428571429.

Daily_Avg_Ozone.csv
This CSV contains two columns. The first is the "date" column in the format yyyy-mm-dd. The second column is "Daily Max 8-hour Ozone Concentration" with the average Ozone value of all sites in Los Angeles for a given day measured in parts per million (PPM). An example value is 0.03706666666666667.

Daily_Avg_PM10.csv
This CSV contains two columns. The first is the "date" column in the format yyyy-mm-dd. The second column is "Daily Mean PM10 Concentration" with the average PM 10 value of all sites in Los Angeles for a given day measured in micrograms per cubic meter. An example value is 25.4.

Daily_Avg_PM2.5.csv
This CSV contains two columns. The first is the "date" column in the format yyyy-mm-dd. The second column is "Daily Mean PM2.5 Concentration" with the average PM 2.5 value of all sites in Los Angeles for a given day measured in micrograms per cubic meter. An example value is 15.3.

EDA plots

Daily Average Ozone Levels Over Time (2024)

Daily Average Carbon Monoxide Levels Over Time (2024)

Daily Average Large Particle Matter Levels Over Time (2024)

Daily Average Small Particle Matter Levels Over Time (2024)

Daily Averages of Air Quality Measurements (2024)

Daily Averages of Ozone and CO Measurements (2024)

Daily Averages of Particulate Matter Measurements (2024)