CS437 - IoT
Lab 4
Name: Lucas Damler
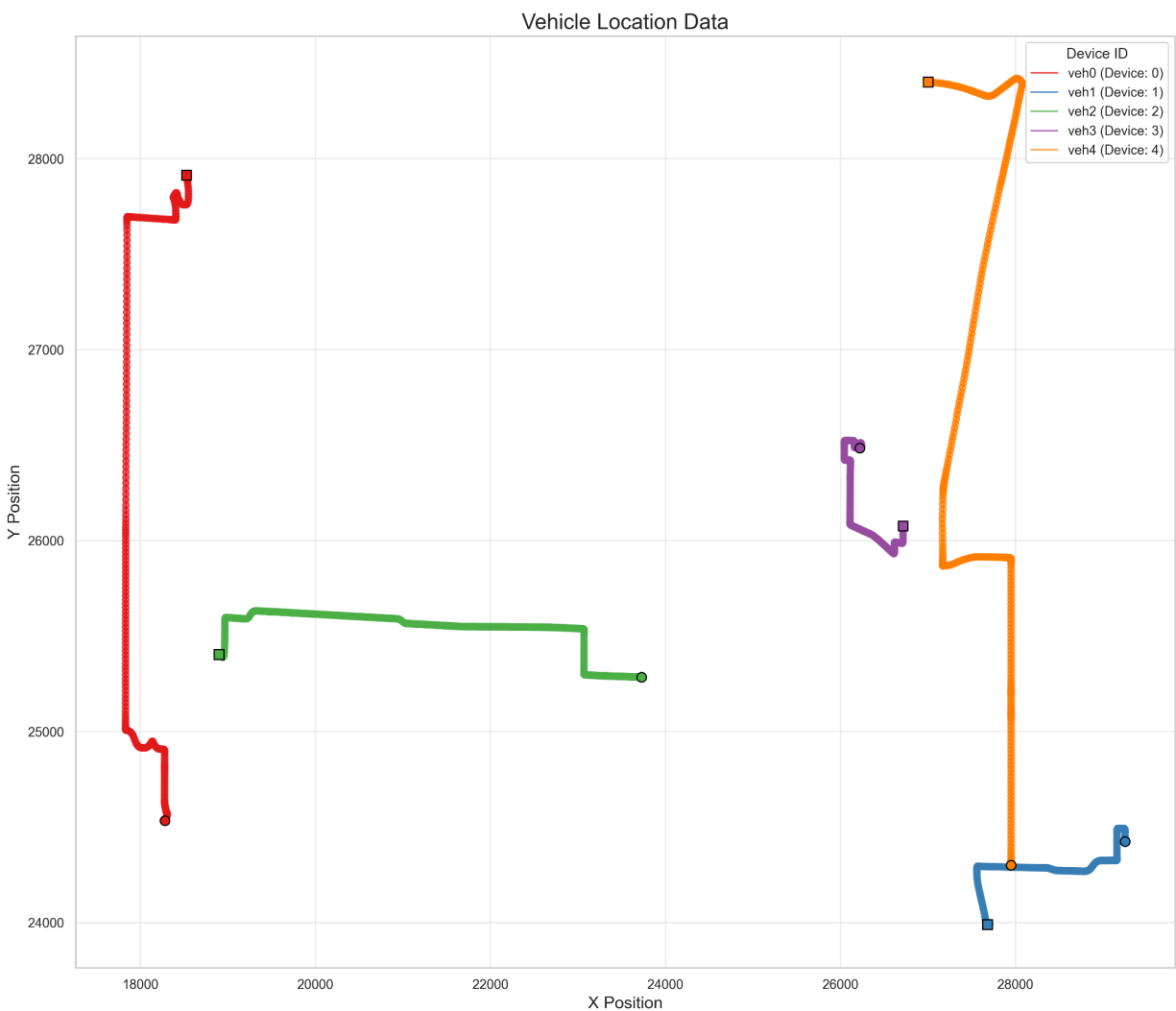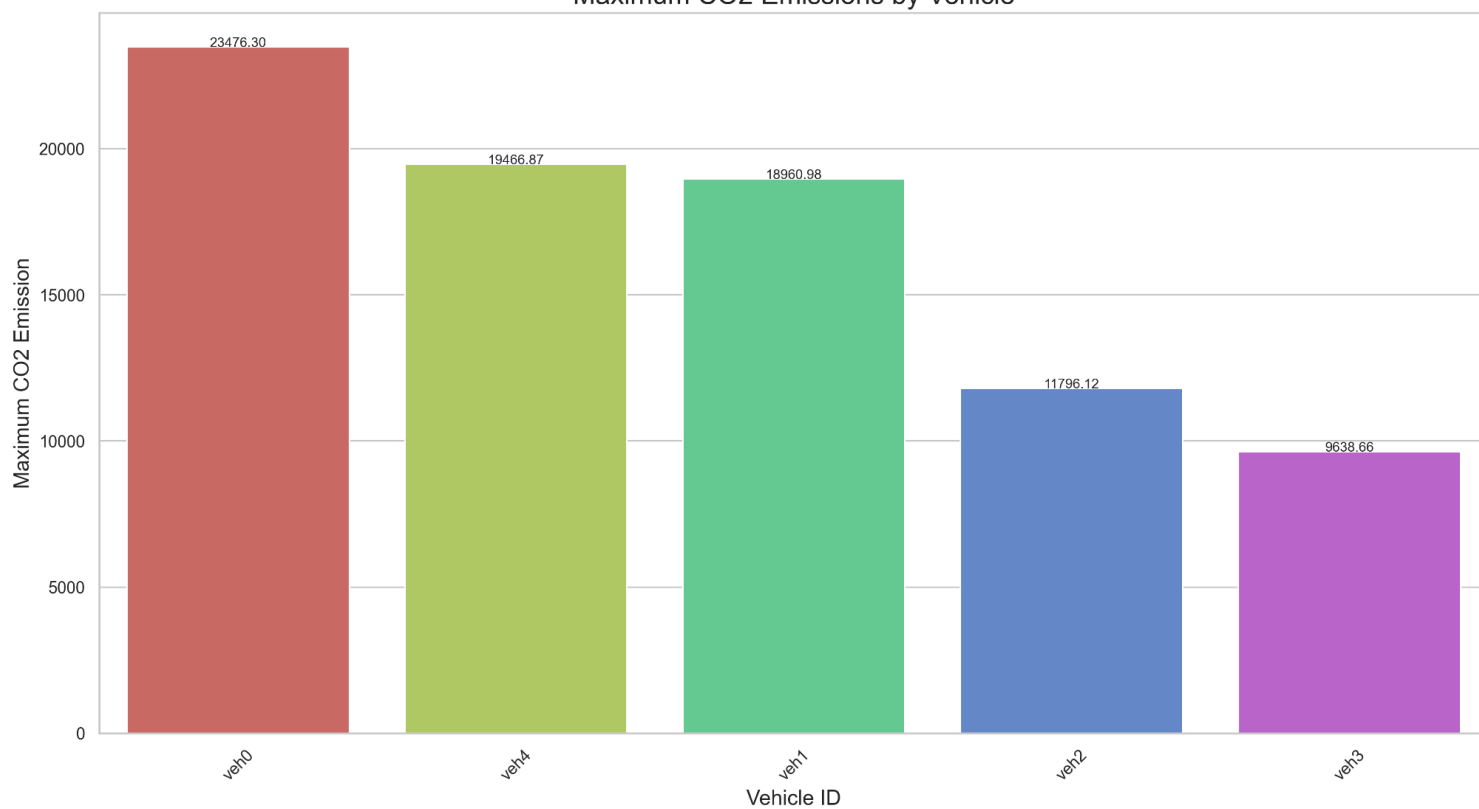NetID(s): ldamler2
Demo Video
Code

Visualizations

When we look at the travel distance compared to the vehicle speed and co2 emissions vehicle 0 and 4 traveled the furthest and had the highest emissions, highest average emissions, and largest emissions distribution. As speed increased, emissions output increased at a faster rate. When compared for time vehicle 2 traveled nearly double the time at half the distance of vehicle 0 but had average lower speed and emissions.
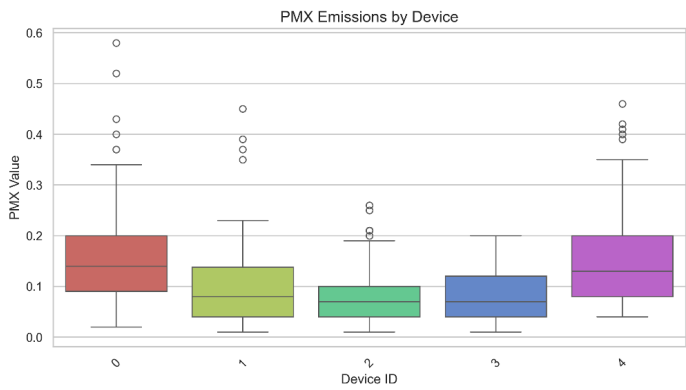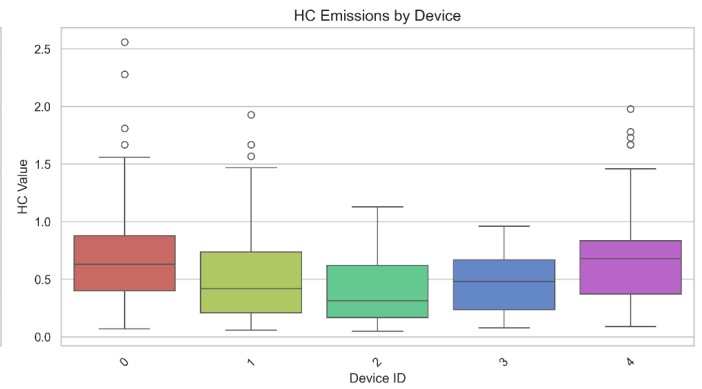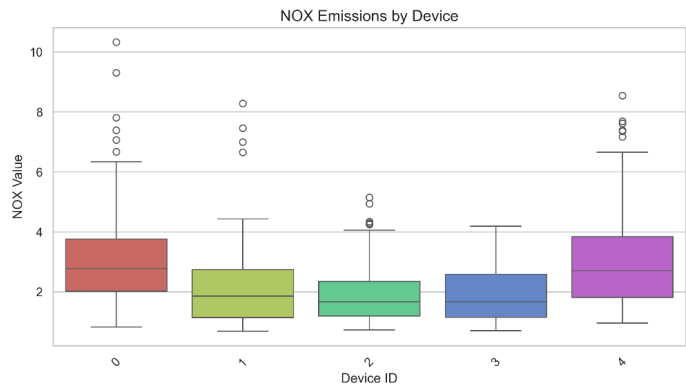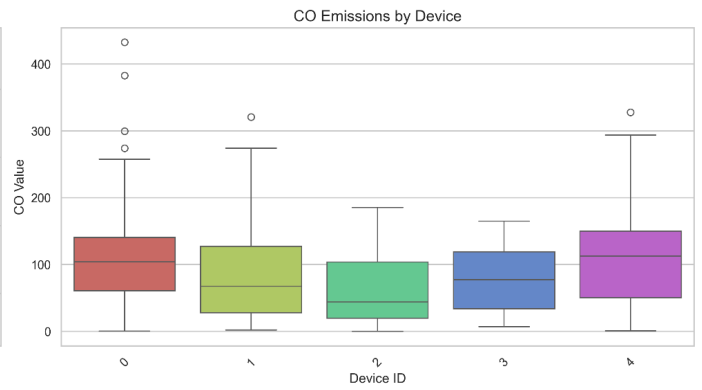
Maximum CO2 Emissions by Vehicle

Vehicle Speed vs. CO2 Emissions

CO2 Emissions by Device

CO Emissions by Device

NOX Emissions by Device

HC Emissions by Device

PMX Emissions by Device
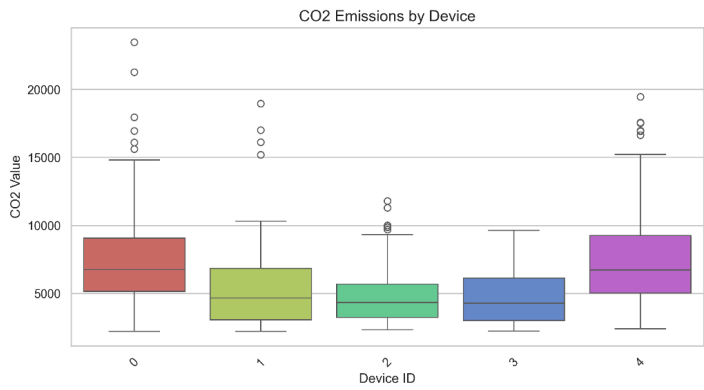
Group Members & Contributors: me 🙂