SUMO Dashboard

The main idea behind this project is to create an interactive dashboard contains visulisations of statistics generated by SUMO software.

Researchers at CENTROGEO are running SUMO software that creates simulations of road traffic and allows researchers to observe unpredictable outcomes.

The software however, does not produce any means of graphical output and leaves researchers with data that has to be inspected by manually going through the produced files or writing individual python scripts that go through the data for them.

This causes inconvenience for researchers and potentially slows down their workflow. Automating the process of visualising data may help researchers seeing patterns between the data clearer and potentially saves time for them.

Thus the observatory is in need of a dashboard that graphically visualises data that is produced by the simulation.