

WORK PLAN

OBJECTIVES:

- Analyze simulated road and traffic data
- To determine optimal locations for Electric Vehicles(EVs) charging stations on a particular geographic location

BACKGROUND:

This work is very necessary especially in times like these as the use of EVs has only grown throughout the years as they are seen as a better alternative to regular vehicles. “Combined sales of plug-in electric cars and light-duty commercial vans since 2010 achieved the 10 million unit milestone by the end of 2020. Just a year and a half later, the combined sales doubled to 20 million in June 2022.” This is a direct quote highlighting the need for this project.

References:

1. <https://www.openstreetmap.org>- for road and traffic data
2. <https://github.com/AndGem/OsmToRoadGraph> - to sort through road data