Proposed Solution Fit

Date	3 July 2025
Team ID	LTVIP2025TMID49372
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	2 Marks

Problem:

EV users often suffer from range anxiety due to lack of transparent and accessible charging station data. City planners and policymakers also lack interactive tools that display EV infrastructure gaps, leading to underutilized or poorly located chargers.

Solution Fit:

Our Tableau dashboard solves this by integrating EV charge station and range data into an interactive visualization platform. It shows usage patterns, peak charge times, vehicle efficiency, and allows filtering by region, vehicle type, and charger availability. This helps:

- Users make better travel decisions
- Planners visualize infrastructure needs
- Policy decisions backed by real-time data