

**Project Design Phase**  
**Proposed Solution Template**

Date	26 June 2025
Team ID	LTVIP2025TMID50379
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Analysing different data from Multiple sources for Electric cars in India and Globally. We have 4 Different datasets we need to analyse the data and create Dashboard and story that can represent the data and show the Visuals for the data.
2.	Idea / Solution description	We created a dashboard using Tableau that shows EV specifications, prices, and charging station locations. It compares EVs in India and globally and is also embedded in a web page using Bootstrap.
3.	Novelty / Uniqueness	This tool combines multiple datasets into one visual platform. It allows easy filtering and comparison of EV models and charging stations in one place.
4.	Social Impact / Customer Satisfaction	The tool helps users choose the right EV, increases EV awareness, and supports better planning for charging infrastructure.
5.	Business Model (Revenue Model)	In the future, EV companies or charging providers can pay to list or promote their services. The platform can offer premium access for detailed reports.
6.	Scalability of the Solution	More EV data, live updates, or map layers can be added easily. The dashboard can be used across regions with simple updates.