

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	LTVIP2025TMID47712
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	EV buyers and researchers struggle to access centralized, visual comparisons of EVs across price, range, efficiency, and availability.
2.	Idea / Solution description	A Tableau-based dashboard that integrates 4 EV datasets to visualize Indian and global EV data by brand, specs, and charging coverage. Includes filters, KPIs, and interactive stories
3.	Novelty / Uniqueness	Combines India + global EV data in one platform. Visualizes efficiency, range, and charging infrastructure interactively. Includes behavioral insight-based story slides.
4.	Social Impact / Customer Satisfaction	Helps buyers make informed decisions, promotes EV adoption, aids sustainability goals, and supports government/industry awareness.
5.	Business Model (Revenue Model)	Freemium insights. Advanced analytics and brand custom dashboards for manufacturers and state departments. Sponsorship, affiliate leads.
6.	Scalability of the Solution	Add more datasets (real-time charging API, battery health data), include predictive analytics, embed in dealership and government portals.