

## Project Design Phase

### Problem – Solution Fit

Date	25 February 2026
Team ID	LTVIP2026TMIDS40890
Project Name	Visualization Tool For Electric Vehicle Charge and Range Analysis
Maximum Marks	2 Marks

### Problem

Electric Vehicle data is available in large datasets but difficult to interpret and analyze manually. Users face challenges in comparing EV performance, pricing, and charging infrastructure using raw data tables.

### Target Users

- Data analysts
- Students and researchers
- EV enthusiasts
- Decision-makers

### Existing Situation

Users rely on static reports or spreadsheets that do not provide interactive insights or easy comparisons.

### Proposed Solution

An interactive Tableau-based dashboard system that visualizes EV data using charts, maps, and stories, enabling users to analyze trends quickly.

### Value Provided

- Simplified data analysis
- Interactive dashboards
- Visual storytelling
- Better decision-making through insights

## Template:

