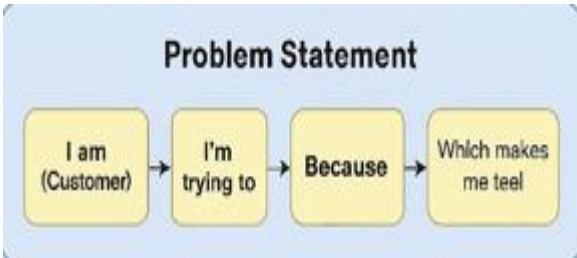


Define Problem Statements

Date	15 June 2025
Team ID	LTVIP2025TMID47397
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	2 marks

Customer Problem Statement Template:

This diagram visualizes the prioritization of ideas for solving key challenges identified in the Electric Vehicle (EV) sector. Based on multiple user perspectives—including data analysts, EV owners, and policymakers—the visual highlights the most impactful solutions for EV data visualization, charging infrastructure analysis, and user adoption patterns. These were ranked based on impact and ease of implementation to guide development focus.



I am (Customer)	I'm trying to	But	Because	Which makes me feel
EV User in India	understand charging station availability in my area	data is scattered and hard to access	there is no unified dashboard or platform	frustrated and uncertain about long trips
EV Analyst	analyze sales, usage, and efficiency of EVs globally	datasets are in different formats and not visualized well	manual compilation takes time and loses insights	limited in drawing timely conclusions

Based on these customer insights, the project focuses on analyzing diverse EV datasets and building a visual dashboard to help users and stakeholders make data-driven decisions.