

## Ideation Phase

### Empathize & Discover

Date	15 Feb 2026
Team ID	LTVIP2026TMIDS43270
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

#### Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.

The primary user of the Electric Vehicle Charge & Range Analysis Dashboard is a fleet manager who needs to monitor battery charge levels, driving range, and vehicle performance efficiently. The user often deals with scattered data from multiple systems and lacks a centralized platform to analyze charging patterns and range performance.

Due to the absence of interactive and visual analytics, the user feels uncertain and overwhelmed while making decisions. They need a real-time, user-friendly dashboard with clear KPIs, trend analysis, and filtering options to transform raw data into actionable insights for better operational and strategic decision-making.



