

Project Development Phase
Model Performance Test

Date	6 Feb 2025
Team ID	LTVIP2026TMIDS24926
Project Name	Visualization Tool For Electric Vehicle Charge And Range Analysis
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	Raw EV dataset containing fields like: Brand, Range, Battery Capacity, Charge Level, and Price.
2.	Data Preprocessing	Cleaned using Tableau Prep / Excel. Removed nulls, standardized column names, formatted data.
3.	Utilization of Filters	Filters applied on dashboard for Brand, Price Range, Battery Capacity, and Charge Level.
4.	Calculation fields Used	Average Range - Price per KM - Capacity to Range Ratio - % Charge Distribution
5.	Dashboard design	Layout includes summary cards, donut chart (charge), bar chart (range), scatter (price vs range), and filters on side.
6	Story Design	Story created with 3 slides: 1. Overview with summary cards 2. Range & Charge visuals 3. Price vs performance comparison.