

**Project Development Phase**  
**Performance Test**

Date	25 February 2026
Team ID	LTVIP2026TMIDS40890
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	Data from 4 datasets successfully loaded into Tableau. Visualizations display without errors and charts render properly.
2.	Data Preprocessing	Data from 4 datasets successfully loaded into Tableau. Visualizations display without errors and charts render properly.
3.	Utilization of Filters	Missing values removed, column names standardized, data types corrected, and unnecessary fields filtered before visualization.
4.	Calculation fields Used	Brand filter added for interactive analysis. Users can select brands to view performance, efficiency, and pricing insights dynamically.
5.	Dashboard design	Number of Visualizations / Graphs: 7 (Scatter plot, Bar charts, Map visualization, Comparison charts). Dashboard layout optimized for readability and storytelling.
6	Story Design	Number of Visualizations /Graphs : 5 stories created,each explaining different analysis sections such as global performance,efficiency,Indian market and charging infrastructure.

**Performance Summary**

The developed Tableau dashboards were tested for performance, interactivity, and visualization clarity. All charts render efficiently without loading issues. Filters and calculated fields function correctly, and dashboard navigation through stories provides smooth user experience. The system successfully meets project objectives and delivers meaningful EV insights.