Project Development Phase
Model Performance Test

Date	19 feb2026
Team ID	LTVIP2026TMIDS80003
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	

ModelPerformance Testing:

S.No	Parameter	Screenshot / Values (What to write)
1. 1	**Data Rendered**	Four CSV datasets:`EVIndia.csv, ElectricCarData_Clean.csv`,`Cheapestelectriccars-EVDatabase.csv`, and `electric_vehicle_charging_station_list.csv`
2. 2	**Data Preprocessing**	Tables created in **MySQL**, cleaned using SQL queries (column renaming, null filtering); then connected to Tableau
3	**Utilization of Filters**	Brand, Powertrain Type, Body Style, Country (India/Global), Charging Station Type, Region
4	**Calculation Fields Used**	Created fields for: Efficiency (km/kWh), Price/Range Ratio, Top Speed Rankings, Filtered Brand Count
5	**Dashboard Design**	No of Visualizations: **6** (Brand-wise comparisons, price vs range, speed, efficiency bar, charging map, station count by region)
6	**Story Design**	No of Story Visuals: **6** (Integrated dashboard views with filters, navigation buttons, interactive storyline)

Tableau Links
• **Dashboard**   :View Dashboard