

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

Date	14 February 2026
Team ID	LTVIP2026TMIDS35317
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

**Model Performance Testing:**

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

**Tableau Links**

- **Dashboard:** [View Dashboard](#)
- **Story:** [View Storyboard](#)

