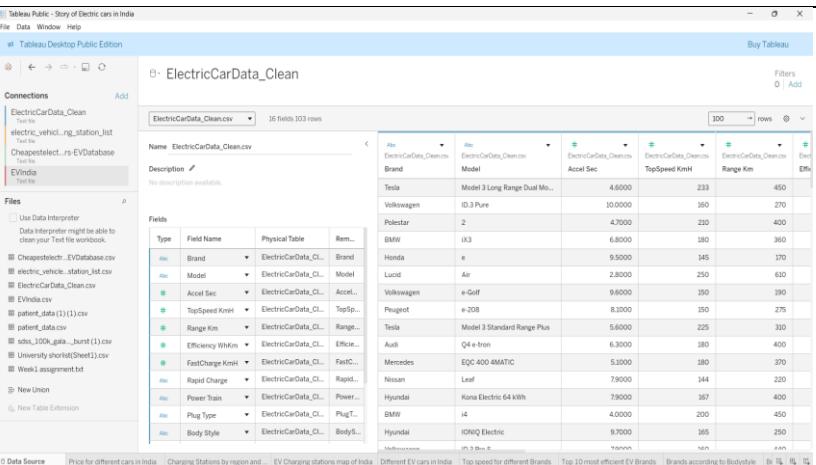


Project Development Phase Model Performance Test

Date	07 Feb 2026
Team ID	LTVIP2026TMIDS90945
Project Name	Electric Vehicle Market Intelligence and Performance Visualization Using Tableau
Maximum Marks	5 Marks

Model Performance Testing:

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

S.N o.	Parameter	Screenshot / Values																																																
1.	Data Rendered	 <table border="1"> <thead> <tr> <th>Type</th> <th>Field Name</th> <th>Physical Table</th> <th>Rem...</th> </tr> </thead> <tbody> <tr> <td>Brand</td> <td>Brand</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Model</td> <td>Model</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Accel Sec</td> <td>Accel Sec</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>TopSpeed KmH</td> <td>TopSpeed KmH</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Range Km</td> <td>Range Km</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Efficiency Wh/km</td> <td>Efficiency Wh/km</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>FastCharge KmH</td> <td>FastCharge KmH</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Rapid Charge</td> <td>Rapid Charge</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Power Train</td> <td>Power Train</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Plug Type</td> <td>Plug Type</td> <td>ElectricCarData_Clean</td> <td></td> </tr> <tr> <td>Body Style</td> <td>Body Style</td> <td>ElectricCarData_Clean</td> <td></td> </tr> </tbody> </table>	Type	Field Name	Physical Table	Rem...	Brand	Brand	ElectricCarData_Clean		Model	Model	ElectricCarData_Clean		Accel Sec	Accel Sec	ElectricCarData_Clean		TopSpeed KmH	TopSpeed KmH	ElectricCarData_Clean		Range Km	Range Km	ElectricCarData_Clean		Efficiency Wh/km	Efficiency Wh/km	ElectricCarData_Clean		FastCharge KmH	FastCharge KmH	ElectricCarData_Clean		Rapid Charge	Rapid Charge	ElectricCarData_Clean		Power Train	Power Train	ElectricCarData_Clean		Plug Type	Plug Type	ElectricCarData_Clean		Body Style	Body Style	ElectricCarData_Clean	
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2.	Data Preprocessing	Performed using Tableau Prep Builder: Removed null values, cleaned state names, changed data types, created calculated fields, filtered unnecessary records.
3.	Utilization of Filters	Major filters used: Year, State, Vehicle Category, EV Type.
4.	Calculation fields Used	SUM(Sales), Growth Rate %, CNT(State), INDEX(), Running Total, Percentage of Total Market Share
5.	Dashboard design	No. of Visualizations / Graphs – 6 (Sales Trend, State Map, Category Comparison, Market Share, Growth Rate Analysis, Top Performing States).