



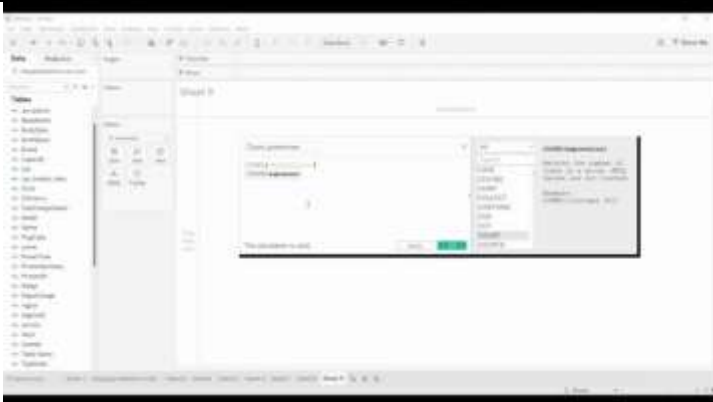
Project Development Phase Performance Test

Date	04 March 2026
Team ID	LTVIP2026TMIDS87959
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	 The screenshot shows a data visualization tool interface. At the top, there's a title bar and a menu. Below that, a flow diagram is visible, showing a process flow from 'Data Source' to 'Data Processing' and then to 'Data Visualization'. A table of data is displayed below the flow diagram, with columns for 'EV Brand', 'Vehicle Model', 'Range (km)', 'Battery Capacity (kWh)', and 'Price (USD)'. The table contains several rows of data, including 'Tesla Model S', 'Nissan Leaf', and 'Ford Focus Electric'.
2.	Data Preprocessing	 The screenshot shows a data preprocessing tool interface. It features a table of data with columns for 'EV Brand', 'Vehicle Model', 'Range (km)', 'Battery Capacity (kWh)', and 'Price (USD)'. Below the table, there's a list of filters that can be applied to the data, including 'EV Brand', 'Vehicle Model', 'Range (km)', 'Battery Capacity (kWh)', and 'Price (USD)'. The filters are currently set to 'All'.
3.	Utilization of Filters	Filters were used effectively to allow users to interact with the data. Filters such as EV brand, vehicle model, range, battery capacity, and price range were applied. These filters help users customize the dashboard view and analyze specific electric vehicle characteristics easily.

4.	Calculation fields Used	
5.	Dashboard design	<p><i>The dashboard is designed to be simple, interactive, and user-friendly. Multiple visualizations are combined into a single dashboard to provide a complete overview.</i></p> <p>No. of Visualizations / Graphs: 5</p> <ul style="list-style-type: none"> ✓ Top Speed for Different Brands ✓ Different Electric Brands Of India ✓ Brands According to Body Style ✓ Top 10 Most Effective Brands in India ✓ Brands Filtered by PowerTrain Type
6.	Story Design	<p><i>A Tableau story was created to present insights in a structured and sequential manner. The story guides users from basic EV range understanding to advanced charge and station analysis, making the insights easy to follow.</i></p> <p>No. of Visualizations / Graphs: 4</p> <p>Story flow includes:</p> <ul style="list-style-type: none"> • EV range overview • Charging performance comparison • Charging station availability • Final insights and observations