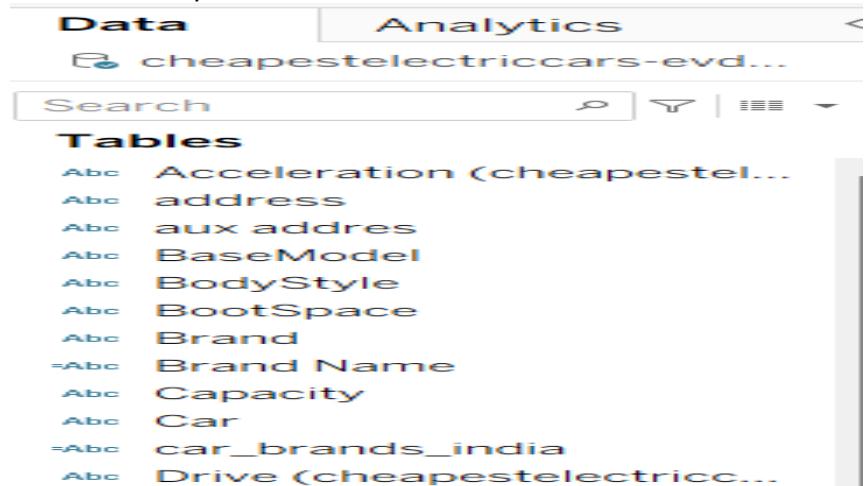
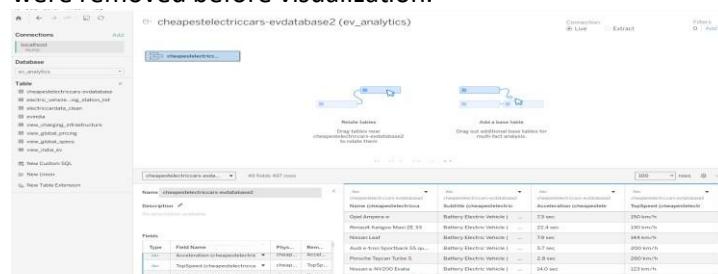
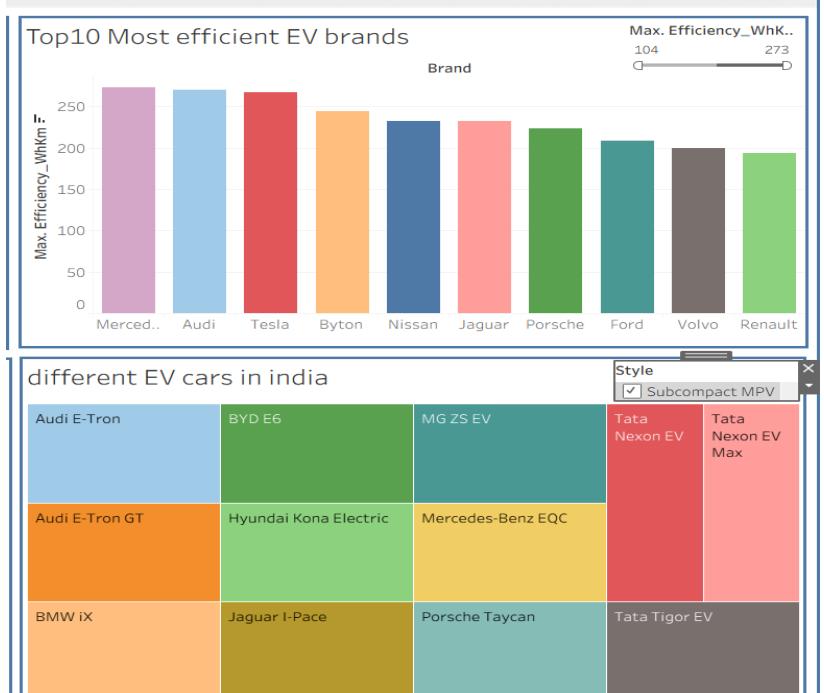
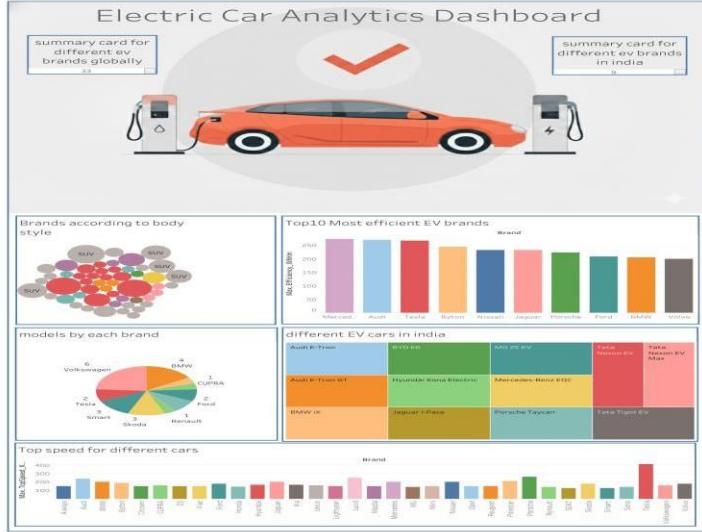


Project Development Phase
Performance Test

Date	12 February 2026
Team ID	LTVIP2026TMIDS53841
Project Name	strategic product placement analysis: unveiling sales impact with tableau visualization.
Maximum Marks	

Model Performance Testing:

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<p>The EV dataset was successfully rendered in Tableau Desktop. All fields including vehicle type, charging time, range, state, and price were loaded correctly without errors.</p> 
2.	Data Preprocessing	<p>Data preprocessing was performed by handling missing values, removing duplicate records, correcting data types, and creating calculated fields. Units were standardized and unnecessary columns were removed before visualization.</p> 

3.	Utilization of Filters	<p>Filters such as Style, Vehicle Type, Charging Type, and Range were applied to enable dynamic interaction in the dashboard.</p>  <p>The dashboard displays two main visualizations:</p> <ul style="list-style-type: none"> Top10 Most efficient EV brands: A bar chart showing Max Efficiency (Wh/km) for various brands. The y-axis ranges from 0 to 250. The brands listed are Mercedes-Benz, Audi, Tesla, Byton, Nissan, Jaguar, Porsche, Ford, Volvo, and Renault. A slider at the top right allows filtering between 104 and 273 Wh/km. different EV cars in india: A grid of 10 different EV models. A filter sidebar on the right shows 'Style' selected and 'Subcompact MPV' checked. The models include Audi E-Tron, BYD E6, MG ZS EV, Tata Nexon EV, Tata Nexon EV Max, Audi E-Tron GT, Hyundai Kona Electric, Mercedes-Benz EQC, BMW iX, Jaguar I-Pace, Porsche Taycan, and Tata Tigor EV.
4.	Calculation fields Used	$\text{AVG}([\text{Range}])$ $\text{COUNT}([\text{Vehicle Type}])$
5.	Dashboard design	<p>No of Visualizations / Graphs – 5</p>  <p>The dashboard features five distinct sections:</p> <ul style="list-style-type: none"> summary card for different ev brands globally: Shows a checkmark icon. summary card for different ev brands in india: Shows a checkmark icon. Brands according to body style: A bubble chart where bubbles represent different car models categorized by body style like SUV, Sedan, Hatchback, etc. Top 10 Most efficient EV brands: A bar chart showing Max Efficiency (Wh/km) for brands like Mercedes-Benz, Audi, Tesla, Byton, Nissan, Jaguar, Porsche, Ford, Volvo, and Renault. different EV cars in india: A grid of 10 different EV models from various Indian manufacturers. Top speed for different cars: A horizontal bar chart showing the maximum speed (km/h) for various car models.

6	Story Design	<p>No of Visualizations / Graphs – 4</p> <p>Story of Electric Cars in India</p> <p> < Charging Stations in India > </p> <table border="1"> <thead> <tr> <th>Brand</th> <th>Count of Car</th> </tr> </thead> <tbody> <tr> <td>Tata</td> <td>3</td> </tr> <tr> <td>Audi</td> <td>2</td> </tr> <tr> <td>BMW</td> <td>1</td> </tr> <tr> <td>BYD</td> <td>1</td> </tr> <tr> <td>Hyundai</td> <td>1</td> </tr> <tr> <td>Jaguar</td> <td>1</td> </tr> <tr> <td>MG</td> <td>1</td> </tr> <tr> <td>Porsche</td> <td>1</td> </tr> </tbody> </table> <p>Count of Car 0 [Color Scale] 3</p>	Brand	Count of Car	Tata	3	Audi	2	BMW	1	BYD	1	Hyundai	1	Jaguar	1	MG	1	Porsche	1
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