

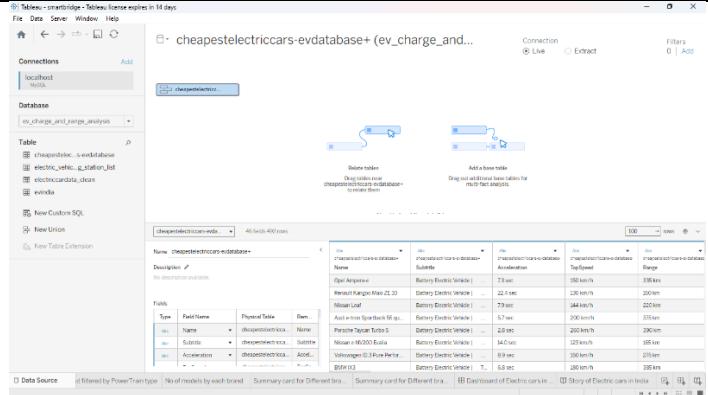
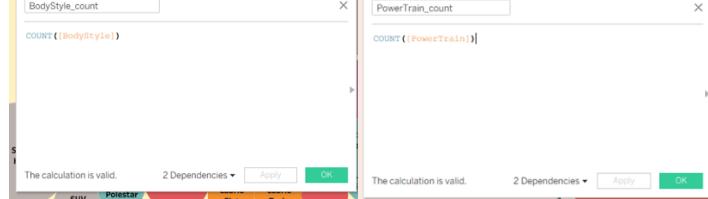
Project Development Phase

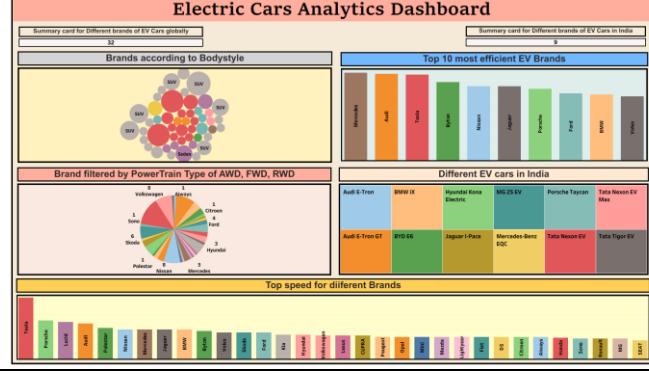
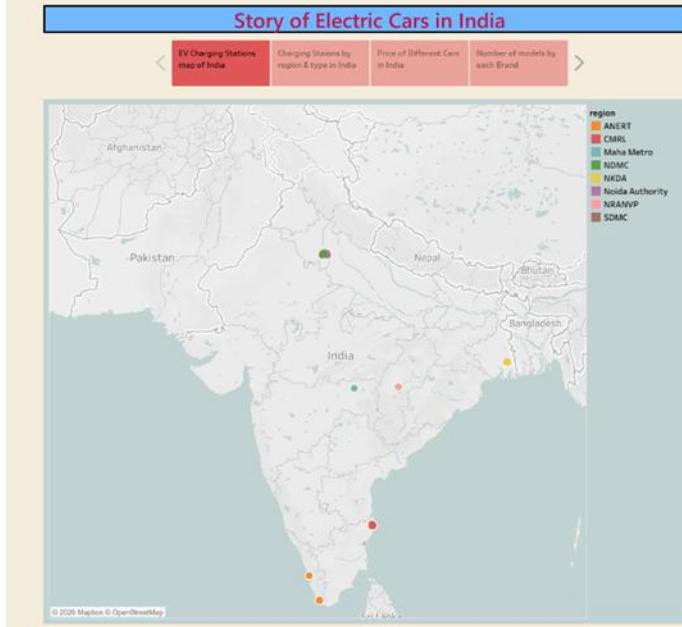
Performance Test

Date	23 February 2026
Team ID	LTVIP2026TMIDS91295
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	5 Marks

Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	
2.	Data Preprocessing	<ul style="list-style-type: none"> Removed null values and duplicates Renamed columns for clarity Changed incorrect data types Created calculated fields Applied geographic roles Added filters (BodyStyle, PowerTrain, Region) Sorted and formatted data fields
3.	Utilization of Filters	<p>Filters used: BodyStyle, Car, Brand, PowerTrain, Region. Filters applied on dashboard right panel for interactive analysis. Dynamic updates verified.</p>
4.	Calculation fields Used	

5.	Dashboard design	<p>No of Visualizations / Graphs -</p>  <p>The dashboard includes the following sections:</p> <ul style="list-style-type: none"> Brands according to Bodystyle: A bubble chart showing car brands by body style (SUV, Sedan, Hatchback, etc.). Top 10 most efficient EV Brands: A bar chart ranking brands by efficiency. Different EV cars in India: A bar chart showing various EV models available in India. Brand filtered by PowerTrain Type of AWD, FWD, RWD: A pie chart showing the distribution of powertrain types. Top speed for different Brands: A horizontal bar chart showing top speeds for different brands. EV Charging Stations map of India: A map of India showing the locations of EV charging stations across different regions. Charging Unions by region & type in India: A map showing the locations of charging unions. Price of Different Cars in India: A map showing the price ranges of different car models. Number of models by each Brand: A map showing the number of models produced by each brand.
6	Story Design	<p>No of Visualizations / Graphs -</p>  <p>The story includes the following visualization:</p> <ul style="list-style-type: none"> EV Charging Stations map of India: A map of India showing the locations of EV charging stations across different regions.