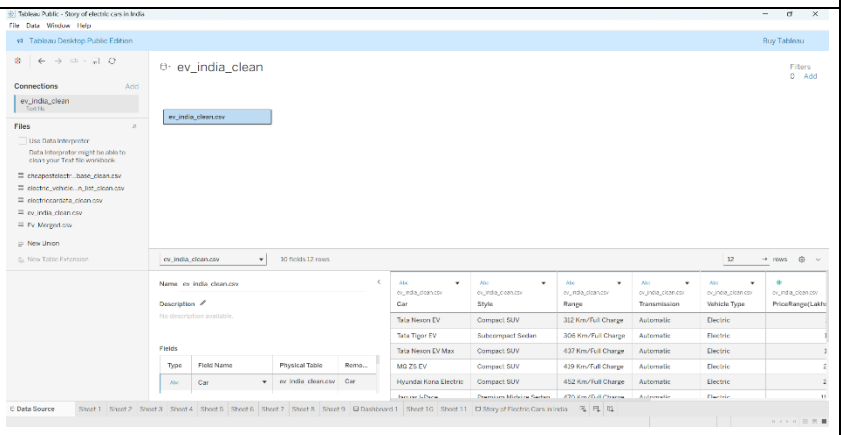
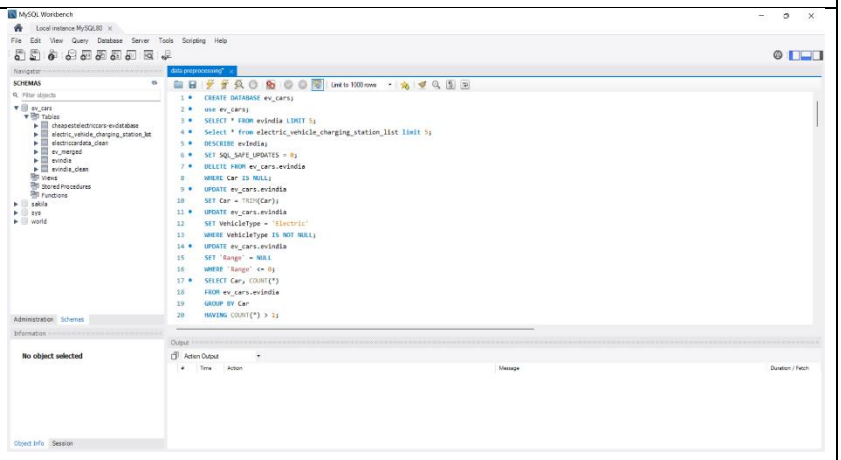
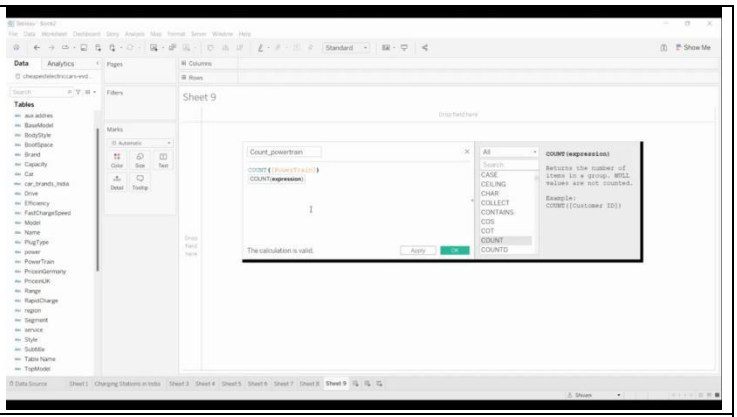
Project Development Phase
Performance Test

Date	Feb 2026
Team ID	LTVIP2026TMIDS47701
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	

Model Performance Testing:

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	
2.	Data Preprocessing	
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	The dashboard is designed to be simple, interactive, and user-friendly. Multiple visualizations are combined into a single dashboard to provide a complete overview. **No. of Visualizations / Graphs: 5** ✓ 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	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. **No. of Visualizations / Graphs: 4** Story flow includes: • EV range overview • Charging performance comparison • Charging station availability • Final insights and observations