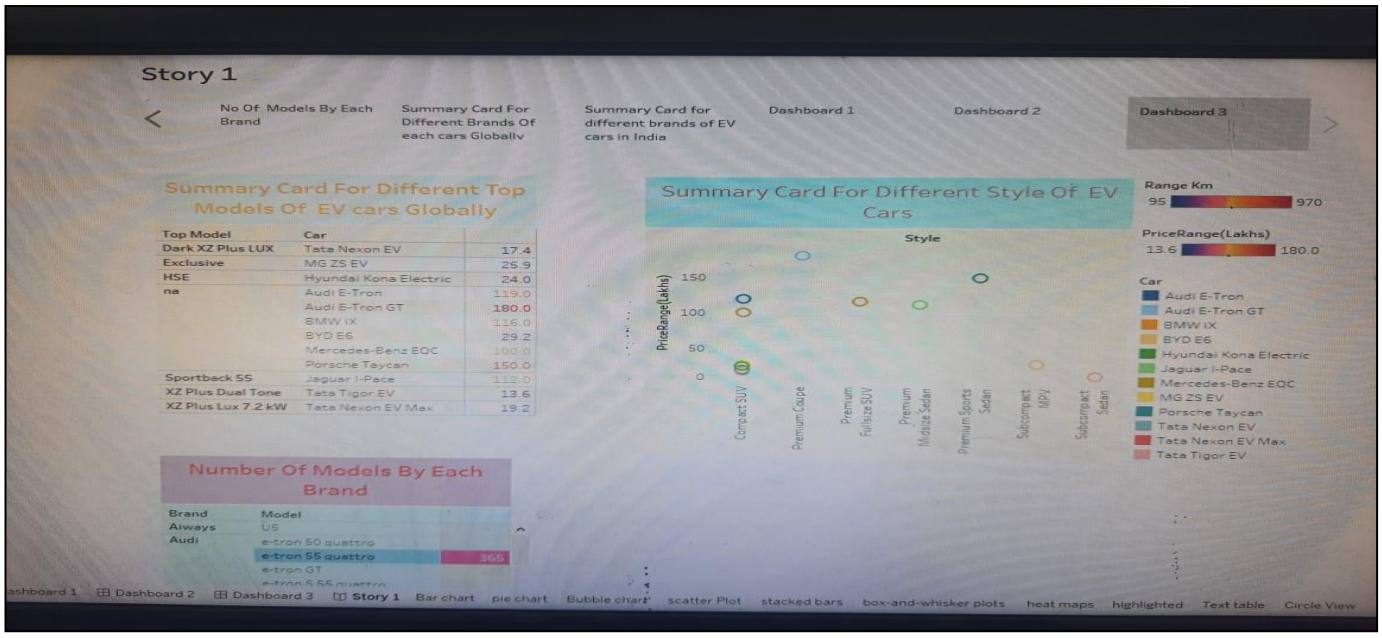
Story

Date	20 March 2025
Team ID	LTVIP2025TMID26729
Project Name	Visualization tool for electric vehicle charge and range analysis in Tableau
Maximum Marks	5 Marks

In Tableau, **Story** is a feature that allows you to create a sequence of dashboards, visualizations, and text to present data insights in a cohesive and narrative-driven way. It's like a slideshow within Tableau that guides the audience through a series of data points, helping them understand key insights, trends, or outcomes of your analysis.



Observations:

Charging stations by region and type in india:

creating a treemap to visualize data related to charging stations in India. The use of "km" labels suggests a focus on distance or coverage, and the incomplete treemap indicates that the visualization is still under development.

EV Charging Stations Map Of India:

creating a bar chart to visualize the distribution of charging stations based on their fast charge speeds. The "Number of Seats" is used as a measure of the prevalence of each speed category.

Different EV cars in india:

creating a pie chart to visualize the distribution of different EV car models in India. The large number of slices might make it challenging to glean specific insights from the chart.

Top Speed for different Brands:

creating a custom chart to visualize the top speed of different car brands, taking into account drivetrain, model, and seating capacity. The circular arrangement and color encoding aim to provide a visually engaging representation of the data.

Price For Different cars in india:

creating a scatter plot to visualize the relationship between car brand, price, and seating capacity. The dual-axis and size encoding enhance the visualization by providing multiple dimensions of information.

Top 10 Most Efficient EV brands:

creating a bar chart to visualize the efficiency of different EV brands, with color encoding to represent drivetrain types. The chart aims to provide insights into which brands offer the most efficient electric vehicles.

Brands according to Bodystyle:

creating a box-and-whisker plot to visualize the distribution of "Seats" for different car "Body Styles." The chart allows for the comparison of seating capacity across different car types and the identification of potential outliers.

Brand Filtered by power train type:

creating a filter to allow users to explore car brands based on their power train type. This filter enhances the interactivity of the dashboard and allows for more focused data exploration.

No of models by each brand:

creating a table to display the number of models offered by each brand. The table provides a clear overview of the brand portfolio and model details, but the use of range values as a count might require further clarification.

Summary card for different brands of EV cars globally:

creating a table to display the top EV models, their car names, and a numerical value representing price range. The table provides a clear overview of the top models and their associated values, but the specific meaning of the numerical values might require further explanation.

Summary card for different brands of EV cars in india:

creating a scatter plot to visualize the relationship between car style and price range. The chart allows for the comparison of price ranges across different car body styles, but potential overlapping might hinder readability.