

PROBLEM STATEMENT

Charts Requirement

1. Total Vehicles by Model Year (From 2010 Onwards):

1. Visualization: Line/ Area Chart
2. Description: This chart will illustrate the distribution of electric vehicles over the years, starting from 2010, providing insights into the growth pattern and adoption trends.

2. Total Vehicles by State:

1. Visualization: Map Chart
2. Description: This chart will showcase the geographical distribution of electric vehicles across different states, allowing for the identification of regions with higher adoption rates.

3. Top 10 Total Vehicles by Make:

1. Visualization: Bar Chart
2. Description: Highlight the top 10 electric vehicle manufacturers based on the total number of vehicles, providing insights into the market dominance of specific brands.

4. Total Vehicles by CAFV Eligibility:

1. Visualization: Pie Chart or Donut Chart
2. Description: Illustrate the proportion of electric vehicles that are eligible for Clean Alternative Fuel Vehicle (CAFV) incentives, aiding in understanding the impact of incentives on vehicle adoption.

5. Total Vehicles by Model:

1. Visualization: Grid View
2. Description: Highlight the top 10 electric vehicle models based on the total number of vehicles, offering insights into consumer preferences and popular models in the market.