Animisha Uppuluri (11548391)

Preeti Chaudhry (11559290)

Avishranth Ambati (11547129)

Dr. Johnson

DSCI 5360

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Final Project Proposal

This project has 3 members. – Animisha Uppuluri, Preeti Chaudhry, Avishranth Ambati.

**DATASET:**

The dataset we have chosen for this project is EVs - One Electric Vehicle Dataset - Smaller. This dataset consists of the information about electric vehicles and their details. This data set has 17 columns and 105 rows. We have extracted this dataset from Kaggle.com. We may not use all the columns information that is provided on the website. We have modified the data set according to our requirements added few columns (it was 14 columns only when downloaded from Kaggle.com).

This dataset has all the information about the Electric vehicles. The manufacturer of the vehicles, their model names, acceleration, top speed, range, efficiency, its charge capacity, rapid chargeable capacity etc.

**Problem Statements:**

We have listed out the following problem statements that we want to explore through tableau.

1. Which car has the highest efficiency?
2. How does the price relate to rapid charging?
3. How does price vary when compared to model of the car?
4. How does resale value of the car affect the price of the car?
5. How does efficiency impact the sales of EV vehicles?
6. Finding out which model in Tesla is more purchased based on its specifications?

By this project we are trying to explore which EV vehicle is more likely to purchase. If any person who is looking to buy an EV vehicle goes through this project can have a clear idea on the specifications of electric vehicles and how the specifications affect the price, value and sales.