Electric Vehicle Adoption Analysis

Team Members:

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Project Overview:

Our project aims to analyse the adoption and usage of Electric Vehicles (EVs) in various counties and states based on the provided dataset. The dataset contains information about the number of Battery Electric Vehicles (BEVs) and Plug-In Hybrid Electric Vehicles (PHEVs) in different regions, along with non-electric vehicles. We will explore patterns, trends, and insights related to EV adoption.

Research Questions:
1. What is the overall adoption trend of electric vehicles in different counties and states over time?
2. Are there specific counties or states that exhibit higher electric vehicle adoption rates?
3. How does the adoption of electric vehicles differ based on the primary use of the vehicle (e.g., passenger cars, trucks)?
4. In each region is there any difference between the usage of electric vehicles and non-electric vehicles ?

Dataset Link:

https://catalog.data.gov/dataset/electric-vehicle-population-size-history-by-county

Github Link:

https://github.com/sriramsathwik59/DataMining-Project-Team1.git