### ****Electric Vehicle Data Analysis Dashboard****

Welcome to the **Electric Vehicle Data Analysis Dashboard** repository! 🚗⚡

This project is a **Tableau-based dashboard** that provides comprehensive insights into the adoption, distribution, and performance of **electric vehicles (EVs)**. Using interactive visualizations, it helps users analyze trends based on various factors such as **vehicle type, model year, manufacturer, state-wise distribution, and clean energy eligibility.**

The dashboard presents key insights, including the **total number of EVs**, their **average electric range**, and a **breakdown by BEVs (Battery Electric Vehicles) and PHEVs (Plug-in Hybrid Electric Vehicles)**. It also features a **trend analysis from 2010 to 2024**, a **state-wise distribution map**, and **top manufacturers and models ranked by adoption**. Additionally, it categorizes vehicles based on **Clean Alternative Fuel Vehicle (CAFV) eligibility**.

Built using **Tableau**, this dashboard enables users to **interact with filters** for vehicle type, state, CAFV eligibility, and model. The dataset is sourced from **CSV files**, and Python can be used for preprocessing if needed.

To explore the live dashboard, visit: [**Electric Vehicle Data Analysis Dashboard**](https://public.tableau.com/app/profile/naveen.kumar8318/viz/new_ev_append_csv/DashBoard01)

Future enhancements may include **real-time data integration, predictive analytics, and improved interactivity**. Contributions and feedback are welcome—fork the repository, submit pull requests, or raise issues to help improve the project. 🚀

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