EV Vehicle/Charging Demand Prediction

Project Title: EV Vehicle/Charging Demand Prediction

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Description:

This project forecasts the adoption of Electric Vehicles (EVs) in counties using time-series data.

It also predicts EV charging demands based on historical trends using machine learning models.

Tools & Technologies Used:

- Python

- Streamlit (for frontend)

- scikit-learn

- pandas, numpy, matplotlib

- joblib for model loading

- Preprocessed dataset (.csv)

GitHub Repository:

https://github.com/goludee/AICTE_Internship_2025

The forecasting logic is implemented in Streamlit via a dashboard where users can select counties

to see 3-year predictions of cumulative EV growth.