CAR PRICE PREDICTION

Description:
This dataset is made for data analysis projects that predict car prices. It contains real-world data from different car listings and includes details like brand, model, year, mileage, fuel type, transmission, and overall condition — all of which affect the market price.
This project has its analysis and visualization using **Python (Pandas, Matplotlib)** and **Excel**, and also **HTML-based dashboard** for car price analytics using Python's data handling tools.

Key Features:

1. **Comprehensive Data:**
   Includes multiple car brands and models with different specifications collected from real listings.
2. **Key Attributes for Prediction:**
   - Car brand and model
   - Manufacturing year
   - Mileage (distance driven)
   - Fuel type (Petrol, Diesel, Electric, etc.)
   - Transmission type (Manual or Automatic)
   - Car condition (New, Used, or Certified)
   - Market price
3. **Realistic & Up-to-date (2025):**
   Data represents current automotive trends and pricing factors relevant to 2025.
4. **Suitable for ML Projects:**
   Ideal for regression models, price prediction, and feature correlation studies.
5. **Easy Data Handling:**
   Cleaned and formatted for easy use in Python, Excel, or any data visualization tool.
6. **Visualization Ready:**
   Perfect for making bar graphs, scatter plots, and dashboards to show how different attributes impact car prices.
7. **Dashboard Implementation:**
   Data will be used to build an **interactive HTML dashboard** using Python's Pandas and analytics tools for a simple and visual car price analysis.