Predict Vehicle Prices using Vehicle dataset

Objective

Build a system that can predict the prices for vehicles using data on Vehicle specifications, make, etc. Explore the data to understand the features and figure out an approach.

Dataset

This dataset contains data on various vehicles, their features, and prices.

Description of columns:

- **name**: The full name of the vehicle, including make, model, and trim.
- **description**: A brief description of the vehicle, often including key features and selling points.
- **make**: The manufacturer of the vehicle (e.g., Ford, Toyota, BMW).
- **model**: The model name of the vehicle.
- **year**: The year the vehicle was manufactured.
- **price**: The price of the vehicle in USD.
- **engine**: Details about the engine, including type and specifications.
- **cylinders**: The number of cylinders in the vehicle's engine.
- **fuel**: The type of fuel used by the vehicle (e.g., Gasoline, Diesel, Electric).
- **mileage**: The mileage of the vehicle, typically in miles.
- **transmission**: The type of transmission (e.g., Automatic, Manual).
- **trim**: The trim level of the vehicle, indicating different feature sets or packages.
- **body**: The body style of the vehicle (e.g., SUV, Sedan, Pickup Truck).
- **doors**: The number of doors on the vehicle.
- **exterior_color**: The exterior color of the vehicle.
- **interior_color**: The interior color of the vehicle.
- **drivetrain**: The drivetrain of the vehicle (e.g., All-wheel Drive, Front-wheel Drive).