Streamlit Application

User Guide

Car Dekho: Used Car Price Prediction

The Streamlit application is designed to be intuitive and easy to use. Here's a step-by-step guide to help you navigate the app:

Step-by-Step Instructions

- Access the Application:

  Open the application in a web browser by navigating to the provided URL.

- Input Car Details:

  Make: Select the car's make (e.g., "Maruti", "Honda", "Ford") from the drop-down menu.

  Model: Choose the specific model from the list.

  Body Type: It will show you the body type of that selected car.

  Fuel Type: Choose between "Petrol", "Diesel", "CNG", etc.

  Transmission: Select "Manual" or "Automatic".

  Seats: It will give you the number of seats available

  on that car.

  Varients: All varients of the selected car will be available

  Year of manufacture : we can give Year of car manufactured

  Kilometers Driven: Use the slider to input the number of kilometers the car has been driven.

  Number of Owners: Select the number of previous owners.

  Mileage : Limit of mileage will get selected

  City: Choose the city where the car is being sold.

- Predict Price:

  Click the "Predict" button.

  The application will instantly display the predicted price of the car. Along with car age and efficiency mileage score.

Example Use Case

Scenario:

A customer wants to sell a 2015 Maruti Celerio with 60,000 km driven, powered by petrol, with manual transmission, and located in Chennai.

Steps:

- The customer inputs these details into the respective fields.
- Upon clicking "Predict," the application provides an estimated price, say ₹5,05,000.
- The customer can then use this information to set a competitive selling price.

Additional Features

- **Reset Inputs:** Users can reset the input fields to their default values using the "Reset" button.
- **Save Prediction:** Users can download the prediction result as a PDF for future reference.