

User Guide for Car Dheko - Used Car Price Prediction

Introduction

The Car Dheko application allows users to predict the price of used cars based on various specifications. By selecting specific features of the car, users can obtain an estimated price, helping them make informed purchasing decisions.

How to Use the Application

1. Access the Application

- Launch the Streamlit application in your web browser.

2. Input Car Specifications

- **Select Body Type:** Choose the body type of the car (e.g., Sedan, SUV).
- **Select Fuel Type:** Based on the selected body type, choose the fuel type (e.g., Petrol, Diesel).
- **Select Brand:** Choose the brand of the car available for the selected body and fuel type.
- **Select Model:** Pick the model of the car based on the selected brand.
- **Select Transmission Type:** Choose between Manual or Automatic transmission, filtered by the selected model.
- **Enter Kilometers Driven:** Input the number of kilometers the car has been driven.
- **Enter Number of Previous Owners:** Select the number of previous owners (1 to 5).
- **Enter Model Year:** Input the manufacturing year of the car (from 1900 to the current year).
- **Select Insurance Validity:** Choose the insurance validity period available for the car.
- **Select Car Color:** Choose the car color available for the selected model.
- **Select City:** Choose the city where the car is located.

3. Predict Price

- Once all the specifications are filled in, click the "Predict Price" button on the sidebar.
- The application will display the predicted price of the car in Lakhs.

4. View Car Details

- After clicking the button, the application will also show detailed information about the selected car, including its mileage, comfort features, safety features, and more.

Tips

- Ensure that all selected filters are compatible to get accurate predictions.
- Use the available filters to narrow down your choices and find specific car options.

- If you encounter any issues, refresh the application or restart it to reset all selections.

Conclusion

This application aims to assist users in making better purchasing decisions by providing an estimated price based on key car specifications. Feel free to explore different configurations and see how they affect the price prediction!