KILL PROJECT

Year:- 2025

Branch:- Computer Science (Data Science)

Section:- B-404

Team Number: 3

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Problem Statement:-Automobile Resale Prediction

The price of a used car depends on factors like brand, model, age, fuel type, and mileage. This project aims to develop a system that predicts the resale price of a car based on user inputs. It helps both buyers and sellers make better decisions.

Domain

Data Science

Machine Learning

Web Development

Technologies Used:-

Frontend: HTML, CSS

Machine Learning Model: Python (Scikit-learn, Pandas, NumPy)

Backend (if needed): Flask

Database (if required): MySQL

Project Approach:-

1. Collect Data – Gather past car sales data (brand, model, year, fuel type, mileage, price).

2. Clean Data – Remove errors, fill missing values, and convert text data into numbers.

3. Build Model – Train a machine learning model to predict car prices.

4. Develop Website – Create a webpage where users enter car details to get a price estimate.

5. Test & Improve – Check if predictions are accurate and refine the model.

Outcome:-

A simple website where users can input car details and get an estimated resale price.

A trained machine learning model that improves over time.

Helps users make better buying and selling decisions.

Conclusion:-

The Automobile Resale Prediction project provides an easy way to estimate car resale values. It uses data science to improve accuracy and helps users get fair pricing. Future improvements can include real-time market trends and region-based pricing.