LITERATURE SURVEY

CAR RESALE VALUE PREDICTION

Date	26 September 2022
Team ID	PNT2022TMID10653
Project Name	CAR RESALE VALUE PRDICTION
Maximum Marks	4 Marks

PROJECT TITLE	AUTHOR	OUTCOME
Used Cars Price Prediction using Supervised Learning Techniques	P Venkatasubbu, M Ganesh - Int. J. Eng. Adv. Technol.(IJEAT)	The emergence of internet portals has enabled the need for both the buyer and the seller to be more updated about the trends and patterns that define the market value of a used cars. By use of machine learning algorithms such as Lasso Regression, Multiple Regression, and Regression Trees to develop a statistical model that can predict the price of a used car based on previous consumer data and a given set of features, as well as compare the prediction accuracy of these models to determine the best one.

Car Price Prediction Using Machine Learning Techniques	Enis Gegic, Becir Isakovic, Dino Keco, Zerina Masetic	Examine the use of supervised machine learning techniques to estimate used car prices in Mauritius. The forecast is based on previous data gathered from daily publications. To create the predictions, several approaches such as multiple linear regression analysis, k-nearest neighbours, naive bayes, and decision trees were applied.
Used Cars Price Prediction and Valuation using Data Mining Techniques	AlShared, Abdulla, "Used Cars Price Prediction and Valuation using Data Mining Techniques" (2021). Thesis. Rochester Institute of Technology.	This project's major goal is to predict used car pricing using factors that are highly connected with a label (Price). Data mining technologies was used to do this. During pre-processing, null, redundant, and missing values were eliminated from the dataset. Three regressors (Random Forest Regressor, Linear Regression, and Bagging Regressor) were trained, tested, and evaluated against a benchmark dataset in this supervised learning study.

Predicting the Price of Second-hand Cars using Artificial Neural Networks	Saamiyah Peerun, Nushrah Henna Chummun and Sameerchand Pudaruth University of MauritiusReduit, Mauritius	The purpose of this research is to determine whether artificial neural networks can forecast the price of used vehicles. Thus, data for 200 automobiles was obtained from various sources and put into four distinct machine learning algorithms. It was also discovered that support vector machine regression produce slightly better results than using a neural network or linear regression.