LITERATURE SURVEY

PNT2022TMID13905

CAR RESALE VALUE PREDICTION

S.No	Title	Authors	Inference
1	Price Evaluation model in second hand car system	Ning sun, Hongxi Bai, Yuxia Geng, Huizhu Shi	The price evaluation model based on big data analysis is proposed, which takes advantage of widely circulated vehicle data and a large number of vehicle transaction data to analyze the price data for each type of vehicles by using the optimized BP neural network algorithm. It aims to establish a second-hand car price evaluation model to get the price that best matches the car.
2	Prediction car prices using qualify qualitative data and knowledge-based system	Doan Van Thai, Luong Ngoc Son, Pham Vu Tien, Nguyen Nhat Anh, Nguyen Thi Ngoc Anh	The system is trained by using the data in the data set and fits a model (line/curve) based on the algorithm. The system is provided with the inputs and is tested for its working. The accuracy is checked. The system is designed to detect and predict price of used car and hence appropriate algorithms must be used to do the two different tasks.

3	Predicting the price of Used Car Using Machine Learning Techniques	Sameerchand Pudaruth	Investigates the application of supervised machine learning techniques to predict the price of used cars in Mauritius. The predictions are based on historical data collected from daily newspapers. Different techniques like multiple linear regression analysis, k-nearest neighbours, naïve bayes and decision trees have been used to make the predictions.
4	Car Price Prediction Using Machine Learning	Enis gegic, Becir Isakovic, Dino Keco, Zerina Masetic, Jasmin Kevric	Considerable number of distinct attributes are examined for the reliable and accurate prediction. To build a model for predicting the price of used cars in Bosnia and Herzegovina, they have applied three machine learning techniques (Artificial Neural Network, Support Vector Machine and Random Forest).

5	Used Car Price Prediction	Praful Rane, Deep Pandya, Dhawal Kotak	The increased prices of new cars and the financial incapability of the customers to buy them, Used Car sales are on a global increase. Therefore, there is an urgent need for a Used Car Price Prediction system which effectively determines the worthiness of the car using a variety of features. The proposed system will help to determine the accurate price of used car price prediction. This paper compares 3 different algorithms for machine learning : Linear Regression, Lasso Regression and Ridge Regression