CAR RESALE VALUE PREDICTION

Literature Survey

TEAM MEMBERS

M. PARVATHI PRIYA (953119106018)

C. PETCHIKANI (953119106021)

R. SANTHIYA (953119106031)

M. SELVAMATHI (953119106033)

TEAM ID: PNT2022TMID50759

LITERATURE SURVEY

Table 1: Literature Survey

Sl. No.	Title	Author & Publications	Year	Description
1.	Used Car Price Prediction using K-Nearest Neighbor Based Model	K. Samruddhi, Dr. R. Ashok Kumar & *International Journal of Innovative Research in Applied Sciences and Engineering(IJIRASE).*	2020	A machine learning model is proposed to estimate the cost of the used cars using the K-Nearest Neighbor algorithm. The model is trained with used cars data for test ratios. Then the proposed model is cross-validated using fold method to examine the performance.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
2.	USED CAR PRICE PREDICTION AND LIFE SPAN	Aditya Nikhade, Rohan Borde & *International Advanced Research Journal in Science, Engineering and Technology.*	2021	By using the optimized BP neutral network algorithm,the price evaluation model based on big data analysis is proposed, which takes the advantage of widely circulated vehicle.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
3.	PREDICTIVE ANALYSIS OF USED CAR PRICES USING MACHINE LEARNING	Ashutosh Datt Sharma, Vibhor Sharma, Sahil Mittal, Gautam Jain, Sudha Narang & *International Research Journal of Modernization in Engineering Technology and Science.*	2021	Employing various Machine Learning Algorithms, a statistical model was build and based upon the given data and features set to estimate the price of used cars. After applying various regression algorithm on the model, they concluded Decision Tree algorithm was the best performer.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
4.	Car Resale Value Prediction System	Dhwani Nimbark, Akshat Patel, Sejal Thakkar & *International Research Journal of Engineering and Technology(IRJET).*	2021	Different algorithms had used like Support Vector Regression, Logistic Regression, Random Forest Regression and Gradient Boosting Regression for developing Car resale value prediction systems by considering different features of the car.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
5.	USED CAR PRICE PREDICTION	Praful Rane, Deep Pandya, Dhawal Kotak & *International Research Journal of Engineering and Technology(IRJET).*	2021	The Regression Algorithms had used because they provide continuous value as an output. Because of which it will be possible to predict the actual price of a car rather than the price range of a car.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
6.	Vehicle Price Prediction using SVM Techniques	S.E.Viswapriya, Durbaka Sai Sandeep Sharma, Gandavarapu Sathya Kiran & *International Journal of Innovative Technology and Exploring Engineering(IJITEE).*	2020	Vector Machine techniques was applied. The data collected using web scraper that was written in PHP programming language. To normalize, standardize and to clean the data, PHP scripts were built. The insufficient set of complex data is the drawback here.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
7.	Predicting True Value of Used Car using Multiple Linear Regression Model	Laveena D'Costa, Ashoka Wilson D'Souza, Abhijith K, Deepthi Maria Varghese & *International Journal of Recent Technology and Engineering(IJRTE).*	2020	Machine learning algorithms was used to determine the true value of cars when them to the dealers. Multiple linear regression model was developed by dividing the data into training and test. The accuracy of the model was found to be 89.33%.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
8.	Used Cars Price Prediction using Supervised Learning Techniques	Pattabiraman Venkatasubbu, Mukkesh Ganesh & *International Journal of Engineering and Advanced Technology(IJEAT).*	2019	Machine Learning Algorithms such as Lasso Regression, Multiple Regression and Regression trees were developed a statistical model which will able to predict the price of a used car. Prediction was based on previous consumer data and a given set of features.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
9.	Car Price Prediction Using Machine Learning	Ashish Chandak, Prajwal Ganorkar, Shyam Sharma, Ayushi Bagmar, Soumya Tiwari & *JCSE International Journal of Computer Sciences and Engineering*.	2019	Machine learning algorithmic paradigms was used prominent algorithms from libraries in python. Pre-processing and data cleaning on dataset were performed. The results showed that there is a positive correlation between price and kilometers traveled.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
10.	Car Price Prediction using Machine Learning Techniques	Enis Gegic, Becir Isakovic, Dino Keco, Zerina Masetic, Jasmin Kevric & *TEM Journal.*	2019	Machine learning techniques like Support Vector Machine, Random Forest and Aritifical neutral network were proposed. The data for prediction were collected from the web portal www.autopijaca.ba and build this model to predict the used cars.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
11.	Prediction of Prices for Used Car by Using Regression Models	Nitis Monburinon, Prajak Chertchom, Thongchai Kaewkiriya, Suwat Rungpheung, Sabir Buya, Pitchayakit Boonpou & *International Conference on Business and Industrial Research(ICBIR).*	2018	The data were collected from the German e-commerce site. Gradient boosted regression had developed with lower error and gave higher performance.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
12.	Vehicle Price Prediction System using Machine Learning Techniques	Kanwal Noor, Sadaqat Jan & *International Journal of Computer Applications.*	2017	A model was proposed to predict the price of the cars through multiple linear regression method. Using feature selection technique selected the most influencing feature.