LITERATURE SURVEY

SNO	TITLE OF THE PAPER	NAME OF THE JOURNAL	AUTHOR	YEAR OF PUBLISHING	ACHIEVEMENTS	DRAWBACKS
1.	Used Car Price Prediction	IRJET	Praful Rane, Deep Pandya, Dhawal Kotak.	2021	The system which is been proposed helps in determining the accurate price of used cars.It combines three different Machine Learning algorithms,which are Lasso regression,Linear regression and Ridge regression.	For better performance deep learning network structures must be designed. Rather than training on whole dataset,clusters of data can be used for training.Also large historical data can be used for improving the accuracy.
2.	Vehicle Resale Price prediction using Machine Learning	Juni Khyat	B.Lavanya , Sk.Reshma , N.Nikitha , M.Namitha, L.Kanya Kumari,S.Kishore Babu	2021	Four distinctive AI procedures have been utilised which helps in figuring the cost of pre owned vehicles.This model gives the anticipated cost of a pre owned vehicle on the basis of past shopper information.	Model should be trained on more datasets to improve the accuracy.Also the information cleaning cycle needs improvement.
3	Predicting the Price of Used Cars using Machine Learning Techniques	Research Gate	Sameerchand Pudaruth	2014	The mean error with linear regression was about Rs51, 000 while for kNN it was about Rs27, 000 for Nissan cars and about Rs45, 000 for Toyota cars. J48 and NaiveBayes accuracy dangled between 60-70% for different combinations of	The main weakness of decision trees and naïve bayes is their inability to handle output classes with numeric values. Hence, the price attribute had to be classified into classes which contained a range of prices but this evidently introduced further grounds for inaccuracies.

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4	Car Resale Value Prediction System	IRJET	Dhwani Nimbark, Akshat Patel, Sejal Thakkar	2021	This project focuses on building a system that can accurately predict a resale value of the car based on minimal features like kms driven, year of purchase etc. without manual or human interference and hence it remains unbiased.	Once more data is collected and various different cars are included in the system,the system not [performs well. deep learning-based ANN or LSTM would perform better.
5	Predicting Used Car Prices with Heuristic Algorithms and Creating a New Dataset.	ISSN	Mehmet BILEN	2021	A new predictable dataset was created that can be used in training heuristic algorithms. The most important headings that affect second-hand car prices are included in this dataset, which is formed by the compilation of used vehicle sales advertisements on the Internet, in line with expert opinions.	It was seen that the data set could be predicted successfully. But, changes in car prices in short periods under volatile market conditions will cause these data to become outdated.
6	Predicting the Price of Pre-Owned Cars Using Machine Learning and Data Science	IJRASET	G. Kalpana , Dr. A. Kanaka Durga, T. Anoop Reddy , Dr. G. Karuna	2022	This project is more helpful for all e-commerce companies who act as mediators for selling and buying pre-owned cars. The customer can easily be	More attributes are missing like Resale history, Lic ,Accidents history,image etc in the data set which makes clear and ccurate analysis.

					convinced in taking a decision to buy a pre-owned car out of various car models with various features	
7	Used Cars Price Prediction using Supervised Learning Techniques	LJEAT	2019	Pattabiraman Venkatasubbu, Mukkesh Ganesh	The prediction error rate of all the models was well under the accepted 5% of error.They will also be comparing the prediction accuracy of these models to determine the optimal one	Even though for some seeds the regression tree has better accuracy, its error rates are higher for the rest. To get even more accurate models, we can also choose more advanced machine learning algorithms such as random forests, an ensemble learning algorithm which creates multiple decision/regression trees, which brings down overfitting massively or Boosting.