LITERATURE SURVEY

S.NO	PAPER	PROPOSED SYSTEM AND RELATED WORK	LIMITATIONS
1.	Machine Learning Techniques To Predict The Price Of Used Cars Predictive Analytics in Retail Business IEEE journal 2021 Chejarla Venkat Narayana hinta Lakshmi Likhitha Syed Bademiya Karre Kusumanjali	In this paper, we gather the data and perform exploratory analysis on it to obtain a summary view of the data, Next, we will perform preprocessing tasks, such as handling of missing data, categorical variables, and scaling of features. Later, we'll handle outliers, split the dataset into train and test divisions, and evaluate the significance of features in the model's construction, among other feature engineering chores. Finally, using machine learning methods, we will create a range of prediction models and assess them.	One of the major drawbacks of this paper is the data they had taken 1105 samples of limited features only. Since data gathered using web scraper, so there are several samples with few attribute values.

2.	Prediction Of Used Car Prices Using Artificial Neural Networks And Machine Learning IEEE journal 2022 Janke Varshitha,K Jahnavi,Dr. C. Lakshmi	Here ,In any AI/ML models the first step is to pre-process the raw data based on the requirements of the project and then train and test the data based on the algorithm used. Firstly, data processing, training and followed by testing.	This model designed here is restricted to predict the price of used cars it can be extended to any electric gadget or household appliance as well.

3.	Used Car Price Prediction using Machine Learning IEEE journal 2021 Feng Wang Xusong Zhang Qiang Wang	In this paper, a simple linear regression problem is used. We investigate the relationship between one independent variable and another one dependent variable. Multiple linear regression models are used to estimate a linear (or nonlinear) relationship between multiple input variables and an output variable.	The R2 score is not sufficient to determine whether the model is a good fit. Also the GBR model recorded a low RMSE error minimization value.

4.	A New Model for Residual Value Prediction of the Used Car Based on BP Neural Network and Nonlinear Curve Fit IEEE journal Shen Gongqi, Wang Yansong, Zhu Qiang 2011	In this paper, a comprehensive method combined by the BP neural network and nonlinear curve fit was introduced for optimising the model due to its flexible nonlinearity paper. A comprehensive method combined by the BP neural network and nonlinear curve fit was introduced for optimizing the model due to its flexible nonlinearity.	The car manufacturer, model, mileage, age, maintenance record, physical condition, market occupancy, after-sale service,and the driving habit of owner factors were the original factors which were interconnected with each other, affecting the residual value coherently. If the relationship among these factors was neglected and the function of factors to residual value was calculated respectively, it will lower the accuracy of the prediction model.
5.	Predicting the Selling Price of Cars Using Business Intelligence with the Feed-forward Backpropagation Algorithms	In this paper, using the concepts of descriptive, predictive, and prescriptive they implemented Business Intelligence and use the feed-forward backpropagation algorithm	However, the engine learning techniques (ANN, SVM SVM, and Random Forest) can only be implemented as an ensemble so they have to use the data

	IEEE journal	to predicts the selling price of a car based on its specification and predict a car price based on the latest specification which has never been on sale.	collected through web scraper using PHP programming to make predictions.
	Nur Oktavin Idris		
	Aspian Achban		
	Siti Andini Utiarahman		
	Jorry Karim		
	Fuad Pontoiyo		
6.	Second-Hand Car Trading Framework Based on Blockchain in Cloud Service Environment IEEE journal 2021 Yimin Yu Chuanjia Yao Yi Zhang Rong Jiang	In this paper, attempts to use blockchain technology as an auxiliary means to solve the long-standing problems in the used car market. This paper proposes a framework of used car trading based on blockchain in cloud service environment, and explains the working principle of the framework.	There are also some limitations. Firstly, if a car manufacturer didn't obey the law and forged documents in the very beginning in order to make more profits, it would be very difficult for consumers to testify. Secondly, even through the framework can trail a car's life track, it can not reach 100% accuracy for mileage during usage. Thirdly, how to improve the work efficiency between nodes and make sure the normal operation of the framework is also a problem.