CAR RESALE VALUE PREDICTION

LITERATURE SURVEY

S.NO	TITLE	AUTHOR	YEAR	METHOD AND ALGORITHM	ACCURACY
1.	Car resale price forecasting: The impact of regression method, private information, and heterogeneity on forecast accuracy	Stefan Lessmann, Stefan Vob	2017	Resale price forecasting is first done with Random Forest Regression. Then the same price forecasting is done with externally generated residual value estimates and finally, the two results are compared to determine the best approach.	95%
2.	Prediction of Resale Value of the Car Using Linear Regression Algorithm	Kiran S	2020	A correlation between each attribute to that of the target attribute is found and a linear regression curve with the target attribute is drawn. As a final step, the total error and accuracy are measured.	90%
3.	Car Price Prediction in the USA by using Linear Regression	Huseyn Mammadov	2021	They proposed a model using linear regression since the dependent variable price is linearly related to many independent variables and they have eliminated the irrelevant features by using the recursive feature elimination to reduce the dimensionality. Then R-square and root mean squared error is used to reduce the errors produced.	96.5%

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4.	Predicting the Price of Used Cars using Machine Learning Techniques	Sameerchand Pudaruth	2013	Different techniques like multiple linear regression analysis, k-nearest neighbors, naïve Bayes, and decision trees have been used to make the predictions. The predictions are then evaluated and compared to find those which provide the best performances.	70%
5.	Used Cars Price Prediction using Supervised Learning Techniques	Pattabiraman Venkatasubbu, Mukkesh Ganesh	2019	They proposed a model using multiple and lasso regression. Using Lasso regression on the training data set, we first select the subset of attributes that lead to less error while predicting the price. It makes use of 10-fold cross-validation and L1 regularization. A general linear model, which models price to the set of selected attributes from lasso regression is used for multiple regression training.	95%