LITERATURE SURVEY

S.NO	PAPER TITLE	AUTHORS	DESCRIPTION
1.	Predicting the price of used cars using machine learning Techniques	Gegic, Enis, et al. "Car price prediction using machine learning techniques." *TEM Journal* 8.1 (2019): 113.	This paper has worked on analysing various supervised learning algorithms for predicting the resale value of the cars used in Mauritius. Comparative study on KNN, regression, naïve bayes and decision tree has been made to come up with high accuracy.
2.	Prediction of Resale Value of the Car Using Linear Regression Algorithm	Das Adhikary, Dibya Ranjan, Ronit Sahu, and Sthita Pragyna Panda. "Prediction of Used Car Prices Using Machine Learning." *Biologically Inspired Techniques in Many Criteria Decision Making*. Springer, Singapore, 2022. 131-140.	This paper has used linear regression algorithm to estimate the car resale value. This research work has been implemented for accurately predicting the resale value of the vehicle based on the most significant attributes which are selected based on the highest correlation. This gives 90% percent accuracy and error obtained is 10%
3.	Used car price prediction using K-Nearest Neighbour Based Model	Samruddhi, K., and R. Ashok Kumar. "Used Car Price Prediction using K-Nearest Neighbor Based Model." *Int. J. Innov. Res. Appl. Sci. Eng.(IJIRASE)* 4 (2020): 629-632.	This paper has used K nearest Neighbour algorithm to predict the resale value of the used cars. It has fetched around 85% accuracy. This model has also validated with 5 and 10 folds by using K Fold Method.
4.	Old car price prediction with machine learning	Gajera, Prashant, Akshay Gondaliya, and Jenish Kavathiya. "Old Car Price Prediction With Machine Learning." *Int. Res. J. Mod. Eng. Technol. Sci* 3 (2021): 284-290.	This paper uses various machine learning algorithms to predict the car price such as linear-regression, KNN, Random forest, XG boost and Decision Tree and linear regression. Based on comparative studies made on these algorithms, Random forest Regressor has got the most test accuracy.
5.	Second Sale Car Price Prediction using Machine Learning algorithm	C. V. Narayana, N. O. G. Madhuri, A. NagaSindhu, M. Aksha and C. Naveen, "Second Sale Car Price Prediction using	The major goal is to develop a prediction model that can estimate the selling price of used cars based on key factors. Machine learning techniques such as Random Forest Regression, Feature engineering technique such as Extra Trees Regression are employed to accomplish the goal as

| | | Machine Learning Algorithm," *2022 7th International Conference on Communication and Electronics Systems (ICCES)*, 2022, pp. 1171-1177, doi: 10.1109/ICCES54183.2022.9835872. | Random Forest Regression is modeled for prediction analysis and Extra Trees Regression fits the number of decision trees. The results are so encouraging with our approach. |