**USED CAR PRICE PREDICTION USING MACHINE LEARNING**

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**ABSTRACT:**

In this project, we investigate the application of supervised machine learning techniques to predict the price of used cars in India. Different techniques like linear regression analysis, lasso regression have been used to make the predictions. The predictions are then evaluated and compared in order to find those which provide the best performances. All the three methods provided comparable performance. Regression Algorithms are used because they provide us with continuous value as an output and not a categorized value. Because of which it will be possible to predict the actual price a car rather than the price range of a car. Earlier problem includes a process where a seller decides a price randomly and buyer has no idea about the car and it’s value in the present day scenario. In fact, seller also has no idea about the car’s existing value or the price he should be selling the car at. To overcome this problem we have developed a model which will be highly effective. We will compare the performance of various algorithms like Linear Regression, Ridge Regression, Lasso Regression, Tree Regressor and choose the best out of it. Depending on various parameters we will determine the price of the car.