**TOPIC** – Vehicle Price Prediction Using Data Science

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**PROBLEM STATEMENT**

Nowadays, due to the increased price of new vehicles and the incapability of customers to buy new cars and other vehicles due to the lack of funds, used vehicles sales are on a global increase. So, there is a need for a vehicle’s pricing prediction system to effectively determine the worthiness of the vehicle using a variety of features. Even though there are some websites that offers this service but their prediction method may not be the best. Besides these methods, this Data Science and Machine Learning based model may help them to give a better prediction to their users. It is important to know the actual market price of vehicles while both buying and selling.

**ABSTRACT**

This model will be able to predict the vehicle’s market value which can help both buyers and sellers. This model involves data science and machine learning techniques on vehicle’s dataset using a variety of features which will lead to provide a better and efficient prediction of vehicle’s actual market price. It will help the sellers (dealers) to understand what features makes a vehicle desired so that they can offer a better service. It will also be useful for online pricing services to get a better prediction for their users. And also useful for the individuals who wanted to sell their vehicles or buy the vehicles. It’s a big corner for them to not pay too much or sell according to market price.