

Project group name: The Outliers

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Project Title: Car Resale Price Prediction

The resale value is important, both for individuals and enterprises operating in the automobile market. Correct prediction of resale price will help the seller to maximize profit and guide the buyer in his decision-making process, showing insight into what variables affect vehicle devaluation. In this project, we use machine learning methods to find patterns and relations across leading car attributes which drive resale value. These include registered year, engine capacity in cc, transmission type, kilometres driven, owner type, fuel type, maximum power in HP, number of seats, mileage in km per litre, body type, and resale price as the target variable. The dataset was gathered from Kaggle, with a large set of records(17,446 records) across multiple car makes and models, hence providing a strong basis for training and evaluation. From these attributes, we try to develop a reliable regression algorithm model that would predict resale price accurately. We want this predictive model to be a useful tool for different stakeholders in the automotive industry, who will be immensely guided through data in the continuous process of determining resale values of cars.

Dataset: [Car resale data - 2023](#)