

21BDS0340

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Programming for Data Science

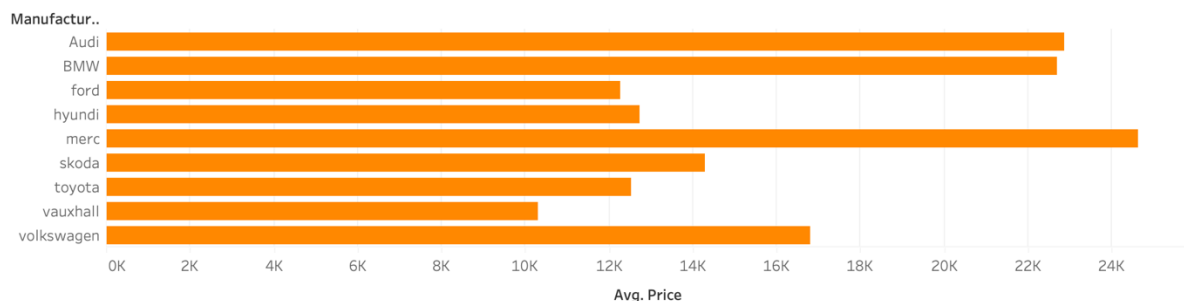
Tableau Visualisation

All visualisation in the assignment uses the data from the following link:

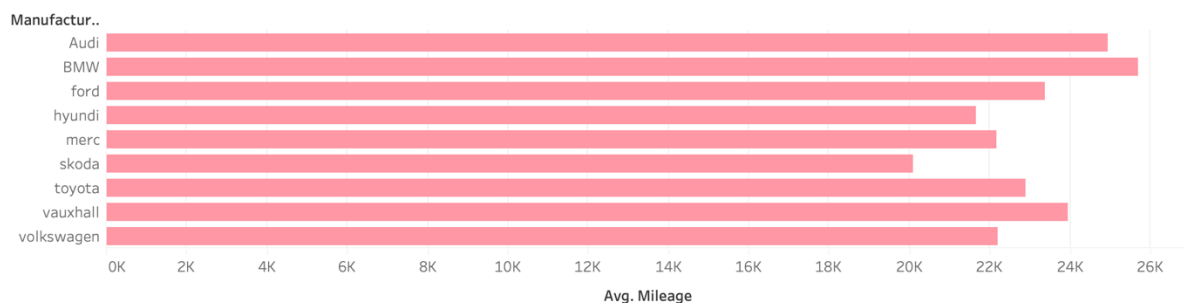
<https://www.kaggle.com/datasets/meruvulikith/90000-cars-data-from-1970-to-2024>

The following in some metrics that compare the mean price of a car and mean mileage per car company. We can see that Mercedes, Audi and BMW have the highest prices. BMW, Audi and Vauxhall offer the best mean mileage.

Mean Price of Car per Company



Mean Mileage per Company



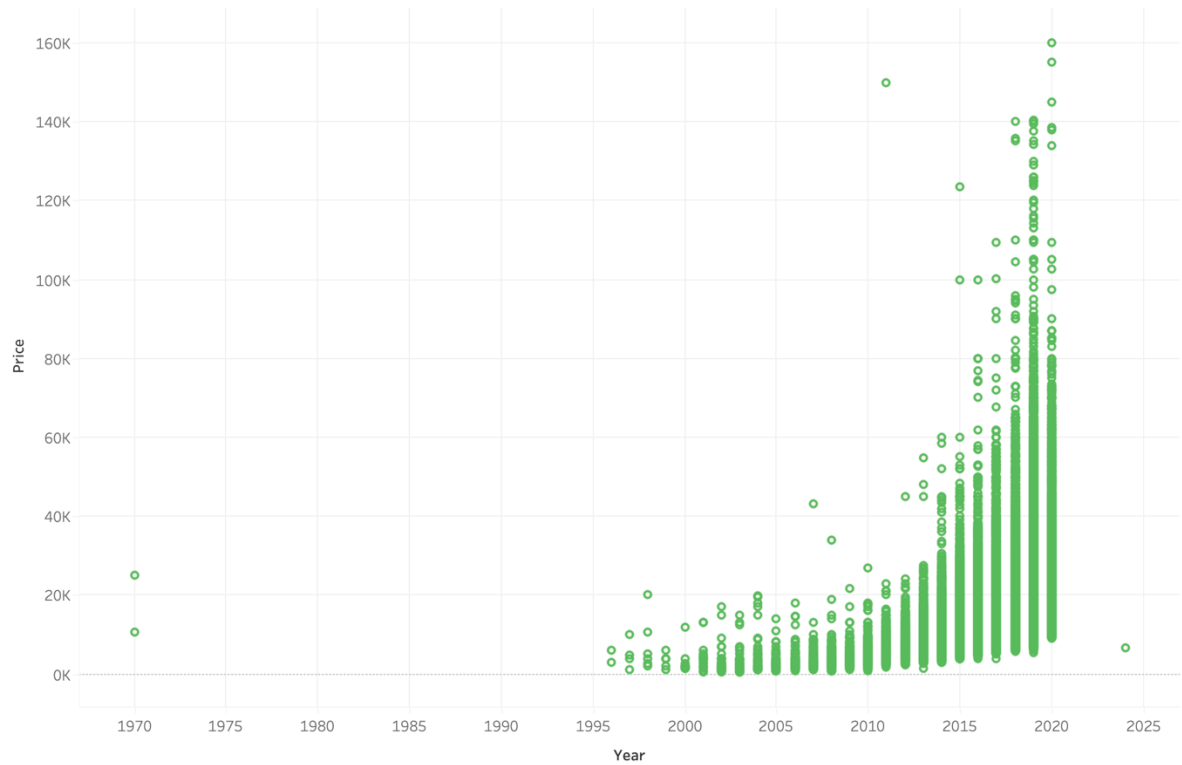
The next metric compares the mean mileage per price for each company. From the metrics, Vauxhall has the best mileage per price, followed by Ford and Toyota.

Mean Mileage per Price per Company



The following metric is the car prices per year. We can see an upward trend as prices increase of the years.

Car Prices per Year



The following metric is the car prices based on the engine size, we can see that there is little to no correlation, as the median engine sizes constitute the highest prices.

Car Prices per Engine Size

