INTRODUCTION

Why build a model to predict price of cars?

- Investors are always wary of profit. A fine line between the cost of producing cars and the price of it, will determine whether a profit or loss will be made.

- Certain components of the car are very important in determining the price of a car.

- After analysis of the data, it is evident that 15 features are the most important in determining the rice of the cars.

Important features

- After applying different learning models, it is evident that the random regressor model is most appropriate in predicting the price of the cars.
- The model takes into account 15 important features which include; carlength, carwidth, carheight , energizer, carbrand, highwaympg, citympg,curbweight, compressionratio, horsepower,boreratio, peakrpm, stroke, carbody and wheelbase.
- Also considering more people opted for gas than diesel engines, it will be better to consider making more gas than diesel cars.
- People also preferred aspiration than turbo, it will be wise to produce more aspiration vehicles and offer turbo as an additional feature with an added price.

Conclusion

- Geely motors should consider the 15 car features listed and the type of combustion engine first before launching into the Nigerian market.