DATS 6103 Project Proposal

Team B

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**Shared link of data :** [**https://tianchi.aliyun.com/competition/entrance/231784/information**](https://tianchi.aliyun.com/competition/entrance/231784/information)

So called second hand’s car or used car has a huge market base. More and more people consider to buy a used car instead of buying a new one, as it’s feasible and cheaper.

The main reason for the huge used car market is that car cannot maintain its value. A car will reduce its value because of the age, mileage, damage and so on. In order to better understand this market, our team has collected data and decided to do statistical analysis on the used car market. The following questions are the main subjects that our team focus on:

o Understand and analyze what factors have impact on the value of a used car most.

o Predict the value of each used car in our dataset.

o Give suggestions on how to buy a used car with high cost effectiveness.

The data in this project contains 31 variables and more than 200,000 observations.

All work progress will be committed to Github at https://github.com/Zhuohan-Data/TeamB-FinalProject