

## Design:

The project is investigating the price of the used car in auction. The dataset is provided on (Kaggle.com) Applying machine learning model on this dataset will demonstrate the factor that affect the used car price in market

## Data:

The dataset contains more than 550,000 data points and contains 16 features .

## Algorithm

| Model   | Model Evaluation Metrics   |
|---|--|
| <ul style="list-style-type: none"><li>Linear regression</li></ul> | <ul style="list-style-type: none"><li>Regression Score</li><li>RMSE</li><li>MAE</li><li>MAPE</li></ul> |

## Tools:

- NumPy & Pandas for data manipulation
- Scikit-learn & statsmodels for modeling
- Matplotlib & Seaborn for visualization

## Communication

PowerPoint presentation will be provided besides (The Project.ipynb) file that contains the detailed code file for the project

