MINIMUM VIABLE PRODUCT

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PREDICTING HOUSE PRICES WITH LINEAR REGRESSION

The goal of this project is regression model that predict house prices.
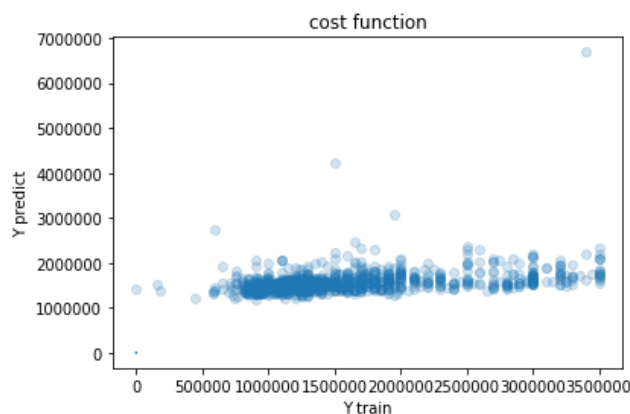
Baseline model

```
: Baseline= linear_reg(X_train,y_train["prices"],X_val,y_val["prices"])

Training score:  0.14334
Valdition score:  0.21331
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RMSE for Training : 786.6731176316847
RMSE for Training : 1907.7517432296124
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```


To start implementing this goal, we started by collecting data from the Aqar website and working on cleaning it, then we divided the data into training data and Testing data, and we started doing EDA to exploring and understand the data.

The figure shows the Baseline model with Training score 14% and validation score 21% they are possible was exposed to overfitting and It is clear that there is no strong linear relationship between the dependent variable and the independent variables.
We need more features engineering to extract the best linear regression model.