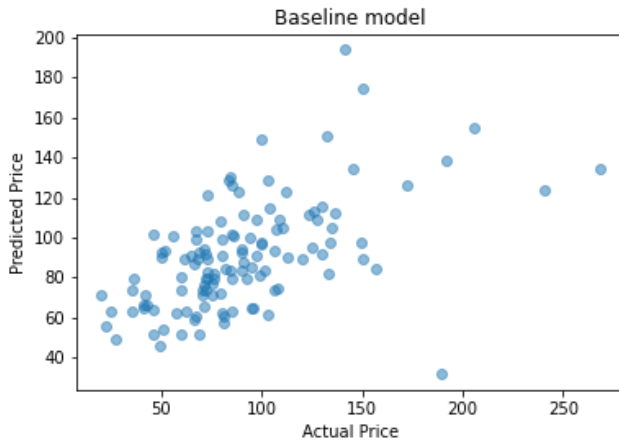


## Prediction of stays prices of Airbnb



The goal of this project is to build an accurate model to predict the prices of stays on Airbnb website. The stays are located in 6 major cities of the United States.

The graph above shows the 'Actual price' on the x-axis and the 'Predicted price' on the y-axis, using Linear Regression. The accuracy of the baseline model for training data is 0.289, and for the validation data is 0.292. The accuracy of the model is very low. Also, the accuracy of validation data is slightly higher than training data, which means that the model is not robust enough. To improve the results of the model, cross validation will be applied on the data. And further feature engineering will be done.