NYC Airbnb Price Prediction

"Belong Anywhere"



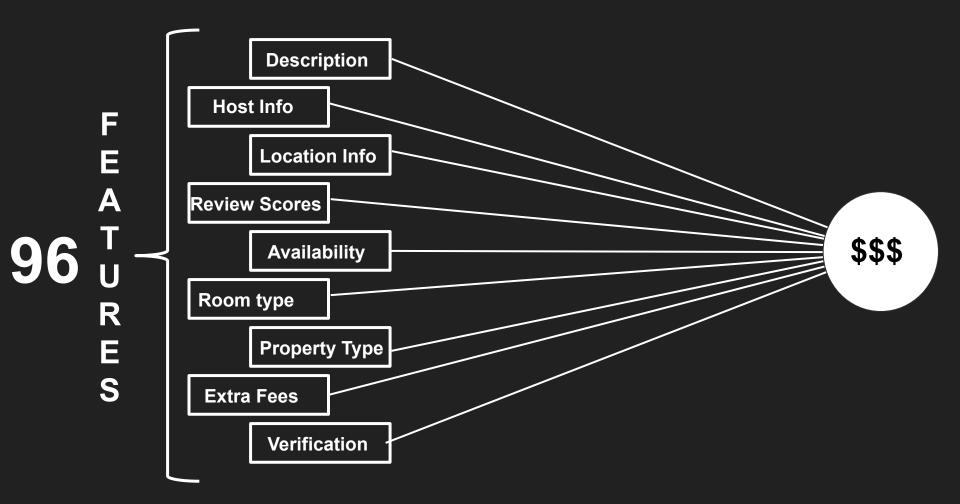
Problem Statement:

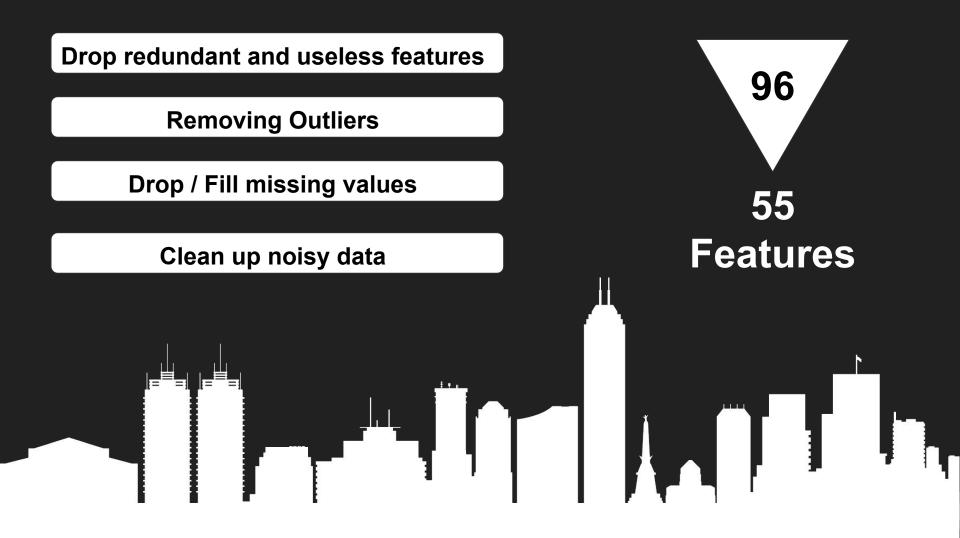
Predict prices based on different features

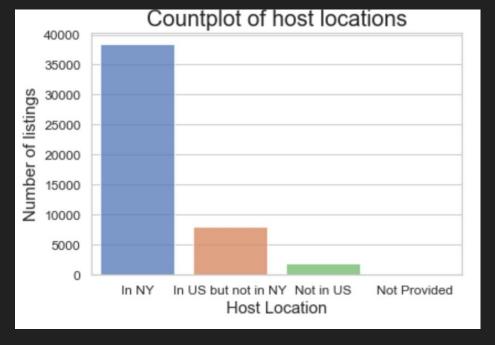
Business Value:

Help the hosts price their property appropriately

Fair pricing for customers

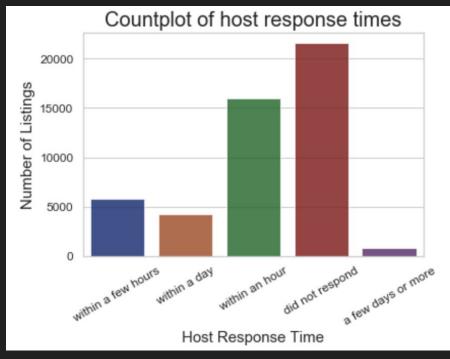


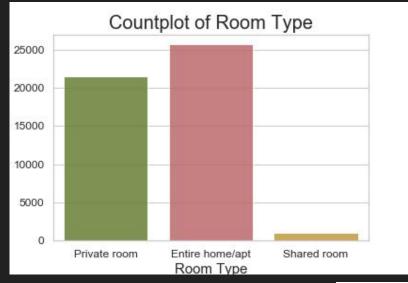




 A majority of hosts did not respond, while the second majority responded within an hour.

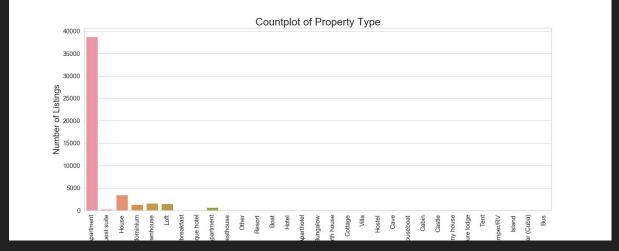
 Most of the hosts lived in NYC

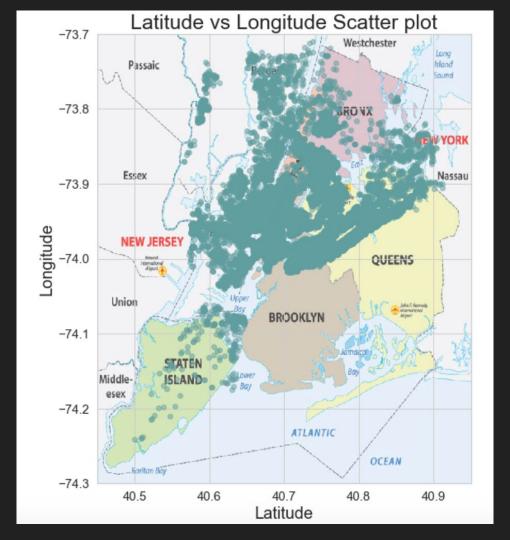




 Room types were mainly composed of a private room or an entire apartment.

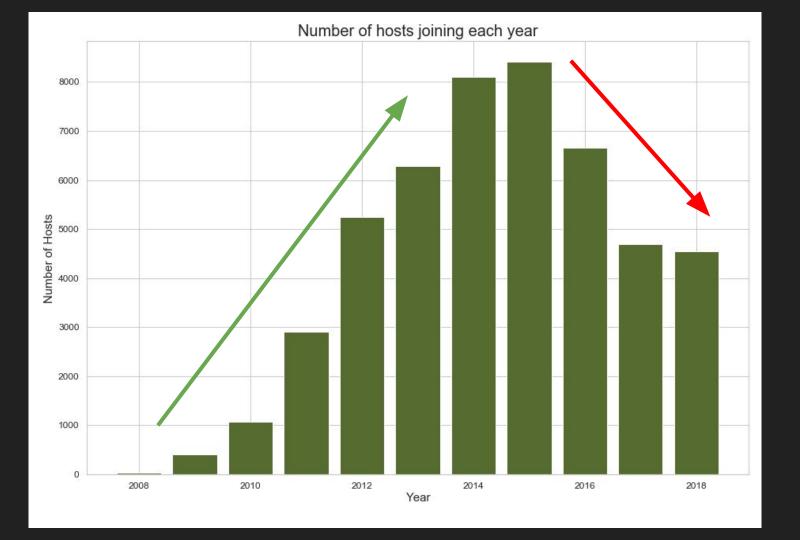
Preferred
 property type
 were
 apartments.





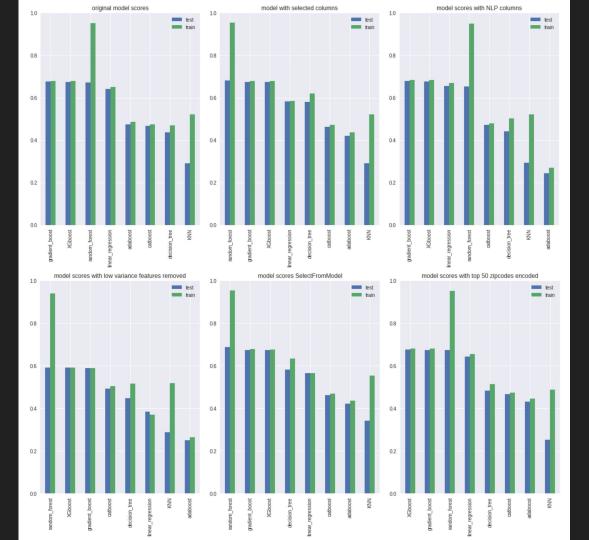
The five main boroughs of NYC:

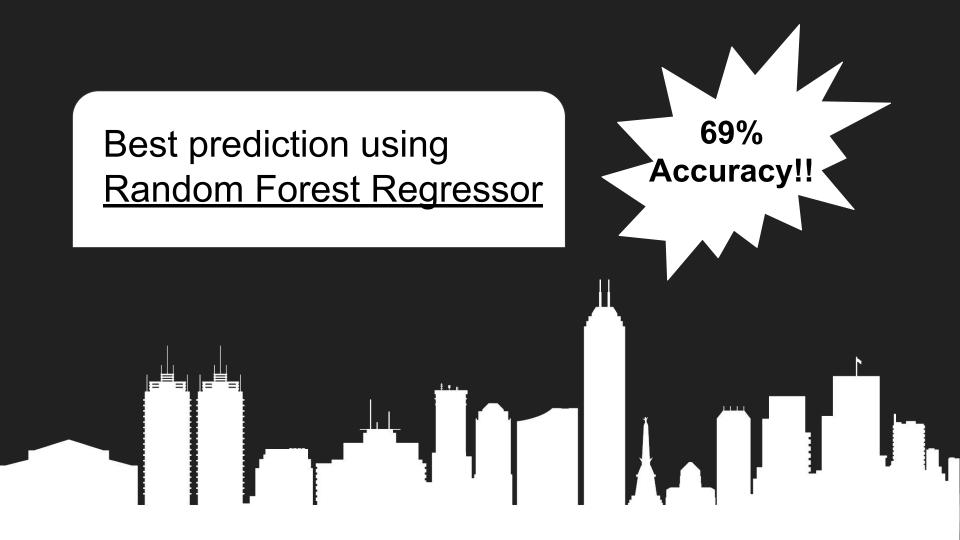
- 1. Manhattan
- 2. Staten Island
- 3. Brooklyn
- 4. Queens
- 5. Bronx





Scores for price prediction using different regression models







Further steps ...

Pick and choose a few features and try price prediction models again to get more accurate price predictions.

Combine regression models and fine tune the results further.