

Airbnb Review Analysis- Seattle,WA

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Live Like a Local!

- Airbnb has changed the lodging industry and tourist's behavior
- Online Reviews represents customer's unique lodging experience
- Online reviews help the host to increase the quality of services and stay competitive in the market

Airbnb Reviews Sentiment Analysis

I selected Airbnb reviews dataset
for the city of Seattle, WA from
2014 -2016.

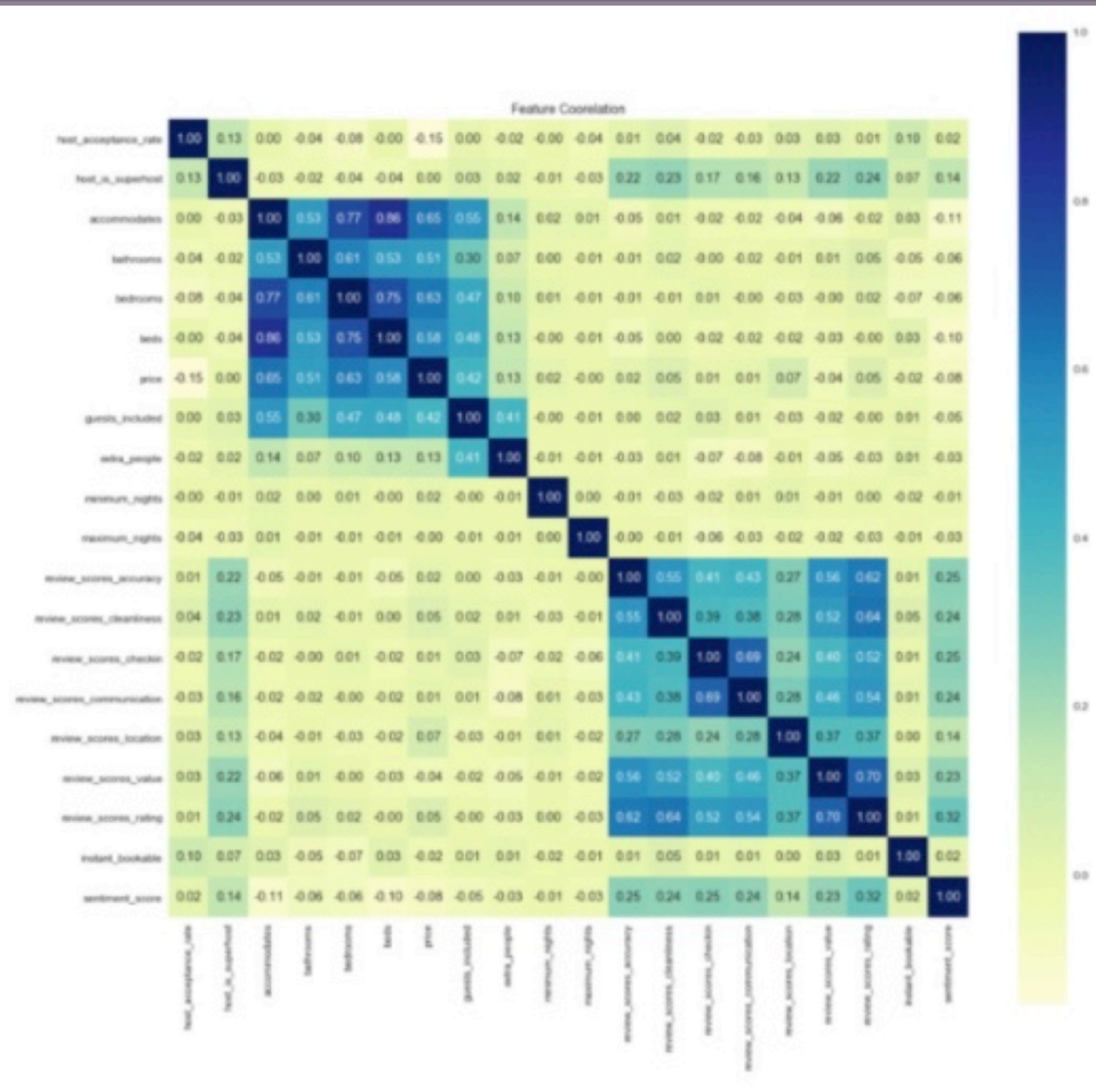
[kaggle.com/airbnb/seattle](https://www.kaggle.com/airbnb/seattle)



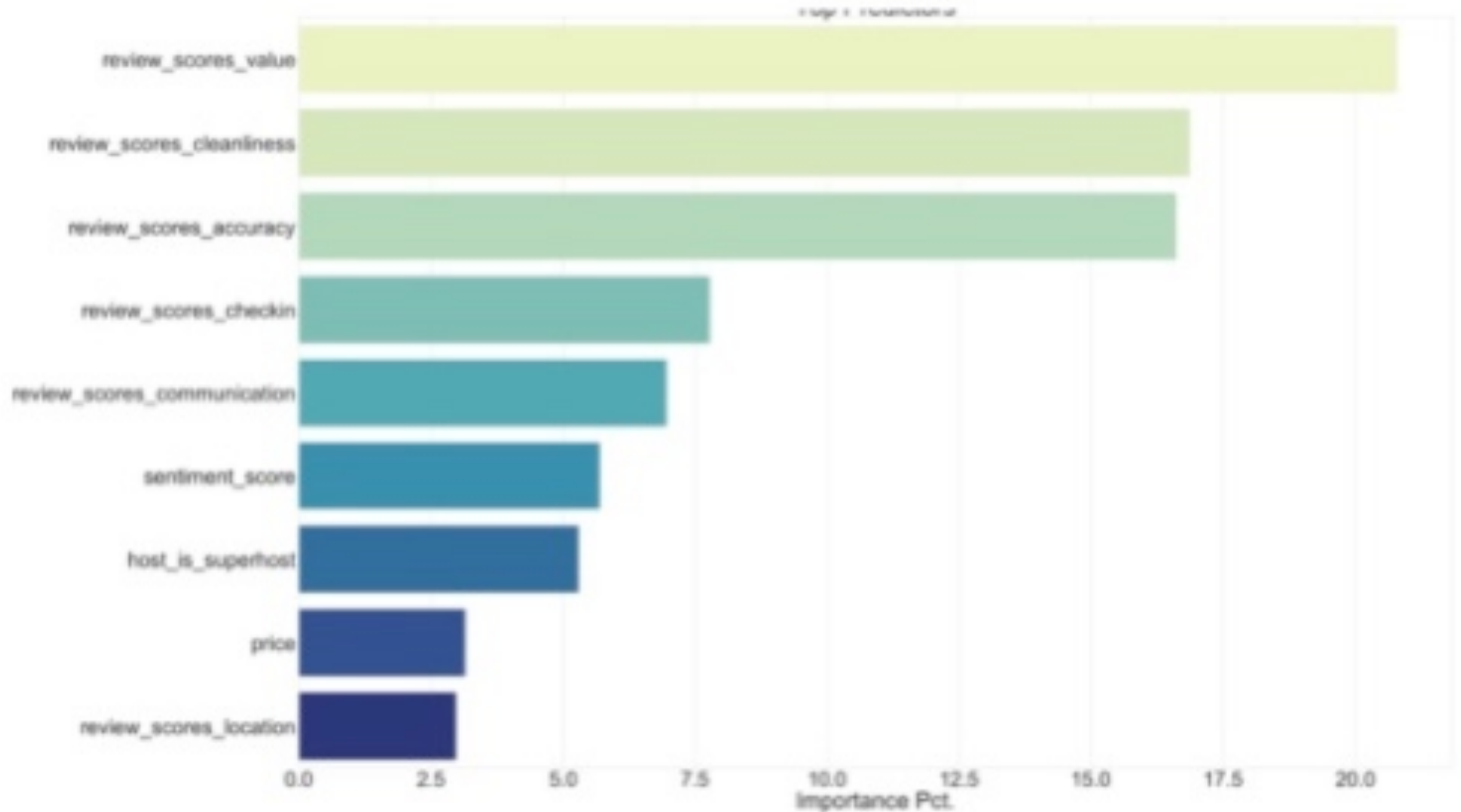
Features That Matter Most

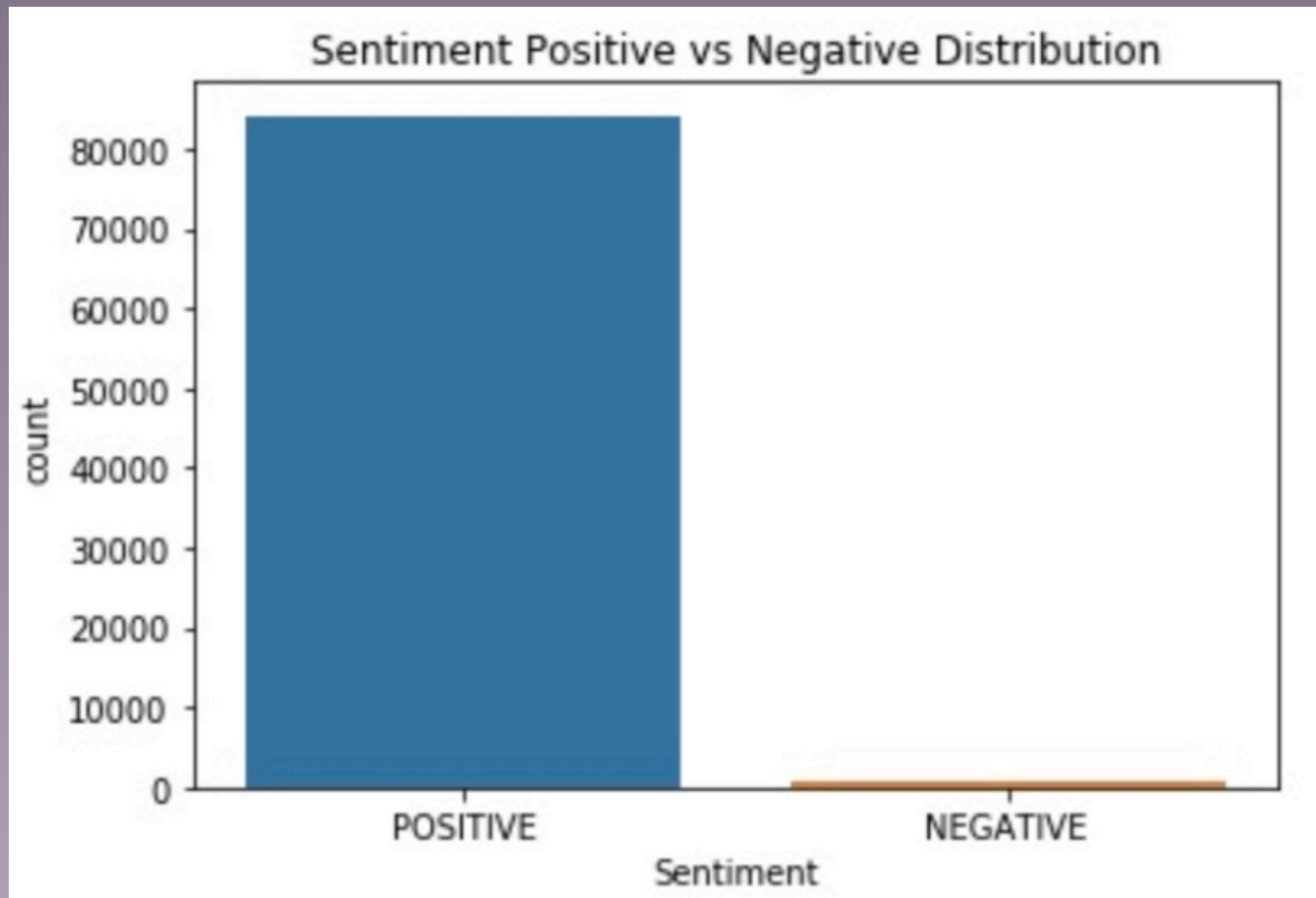
- Fairly Priced
- Cleanliness
- Best Reviews

Super Host!



Super Host!





Text Mining of Reviews

Using NLTK package helped us to calculate the sentiment of each review from our dataset.

Rating Score Prediction & Feature Impact

- By using Random Forest method, we predicted the review score based on the historical data.
- This was a sentimental analysis, so the main focus was to distinguish between positive and negative reviews
- The accuracy of prediction is 96.59%