



Airbnb listings

New York City

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Introduction

- Data about 30,478 Airbnb listings in New York city.

Categorical	Numerical
<ul style="list-style-type: none">• Property Type• Room Type• Host Since• Neighborhood• Zip code	<ul style="list-style-type: none">• Price• Beds• Number of Records• Number of reviews• Review score rating

Flow Structure



Connected Airbnb.xlsx to analyze the data of Airbnb listings in New York City

Created different visualizations to learn more about the data

Created questions after recognizing patterns in data

Answering Questions and coming up with conclusions using data visualizations

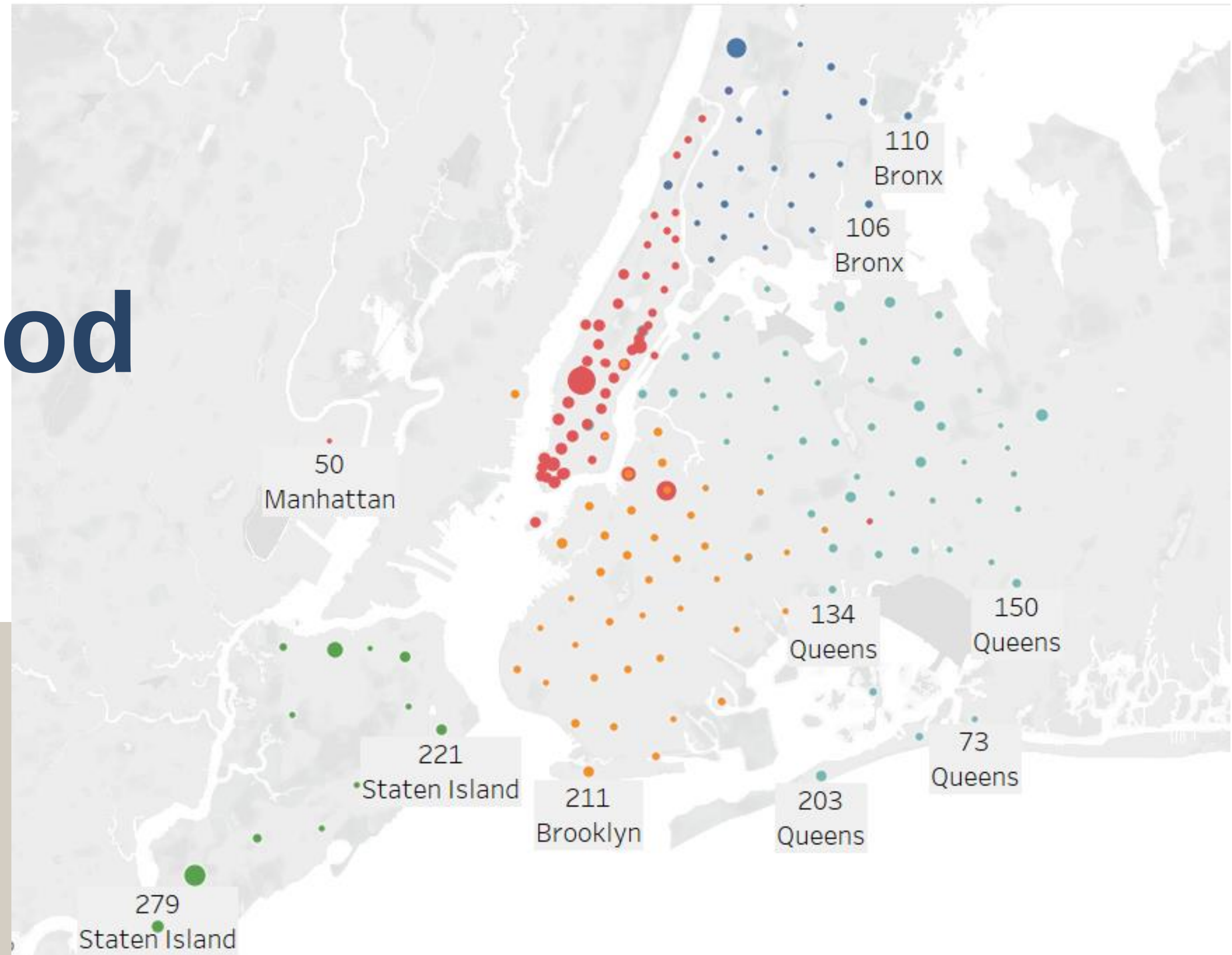
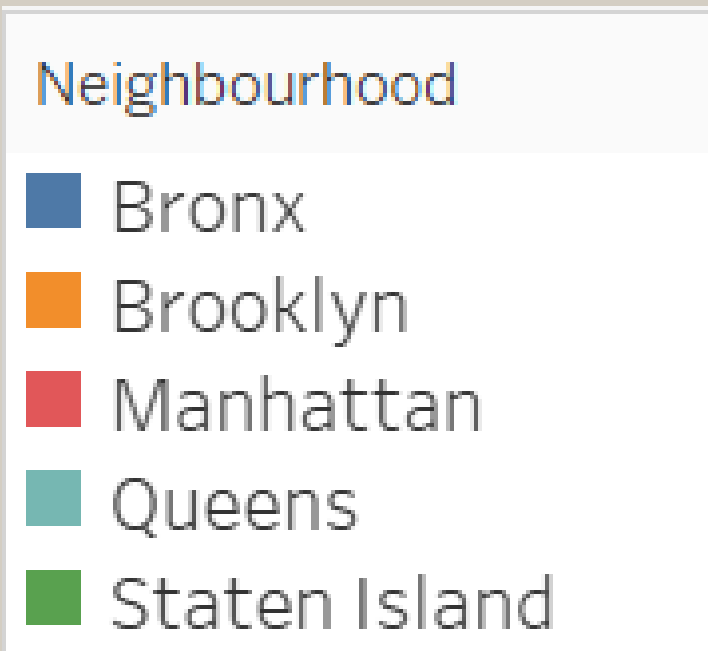
Questions to answer

1. Which neighborhood has the most expensive Airbnb's?
2. Does the average rating score depend on the type of property?
3. Does the hosts who started earlier has more records compared to newer members? Predict the number of records for hosts started from 2015-2021.
4. Which room type is the most popular category?
5. Does the review score depend number of Airbnb's a host has?

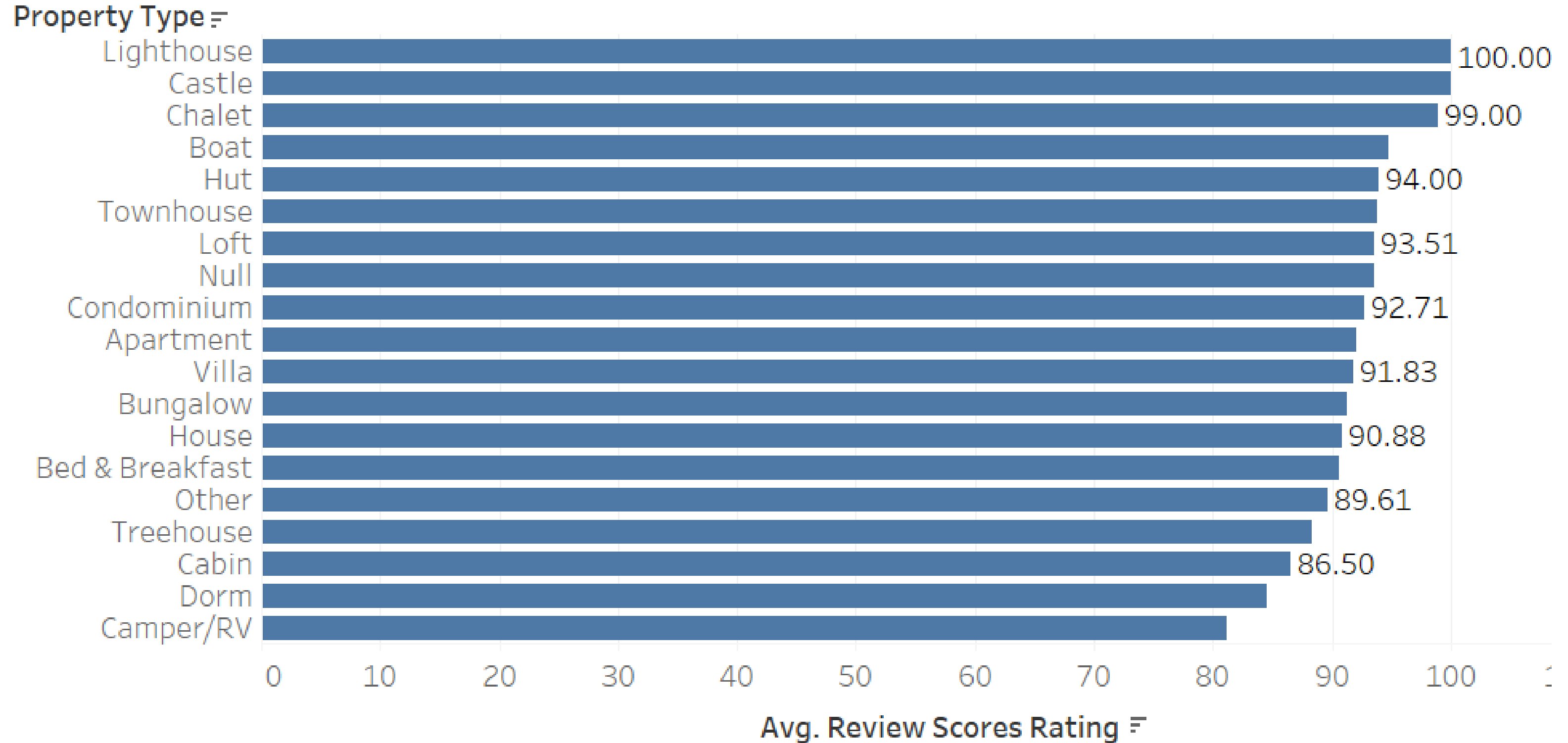
Results/ Conclusions



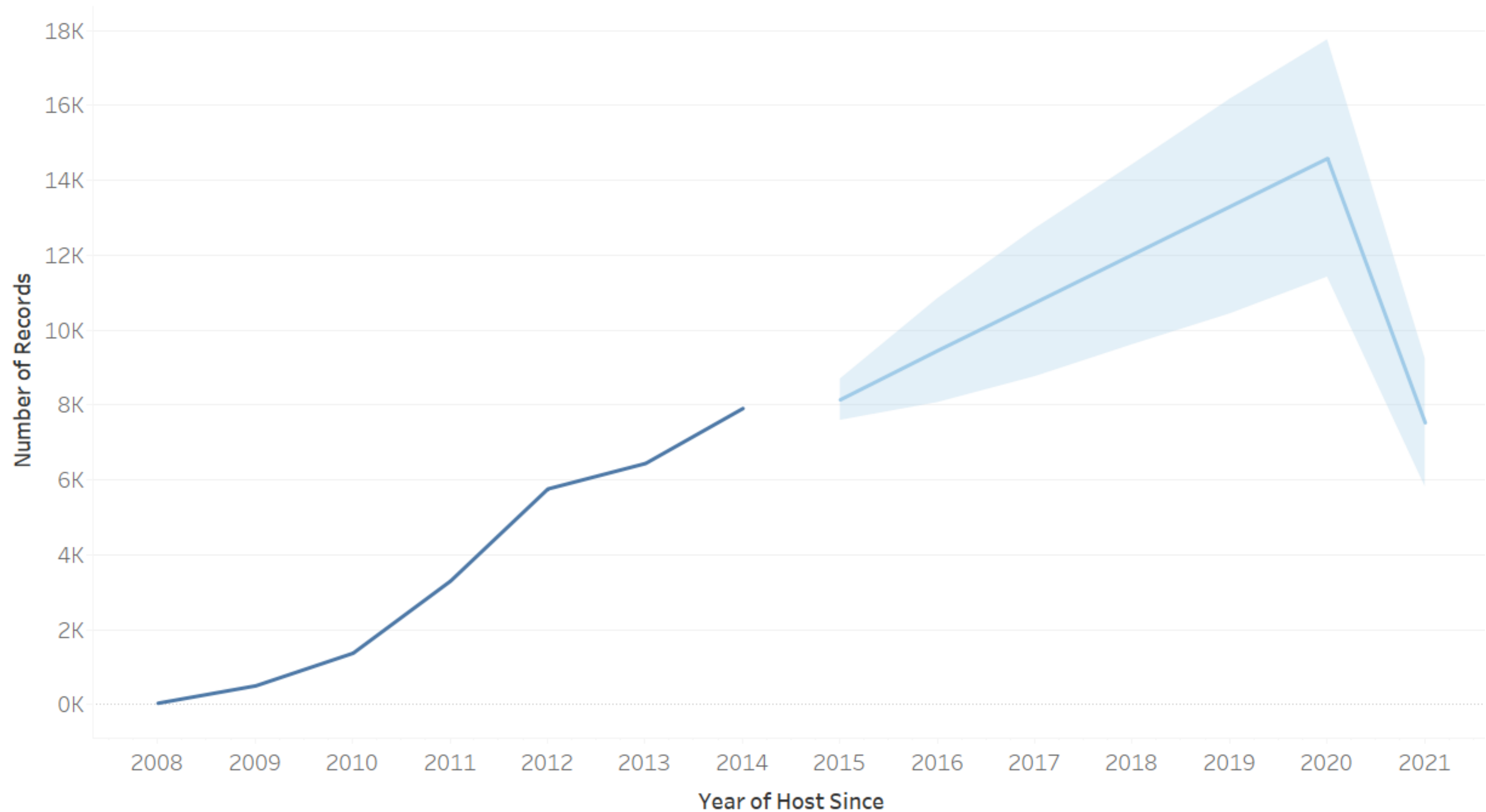
Average Price by Neighborhood



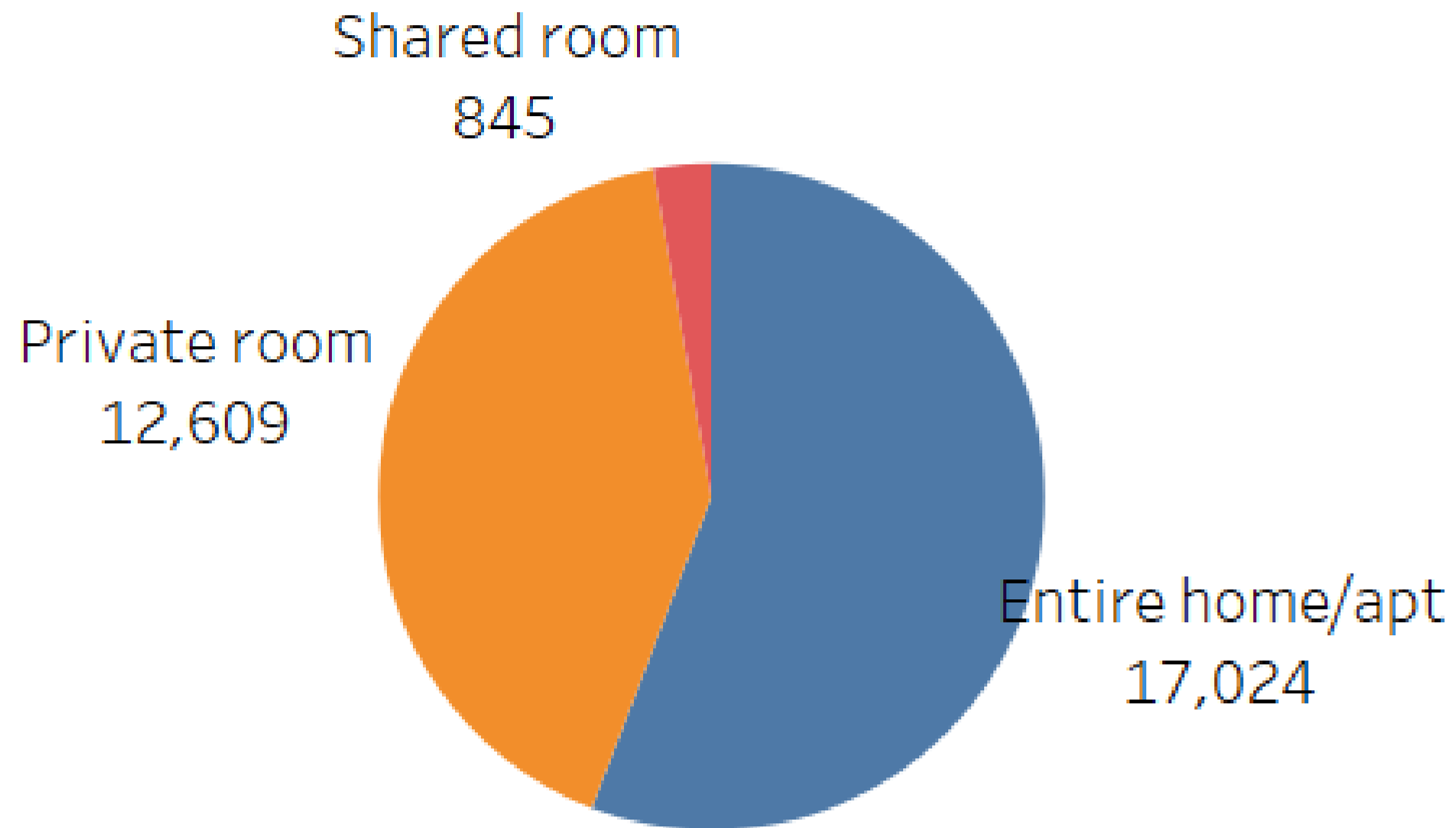
Property Type by Average rating



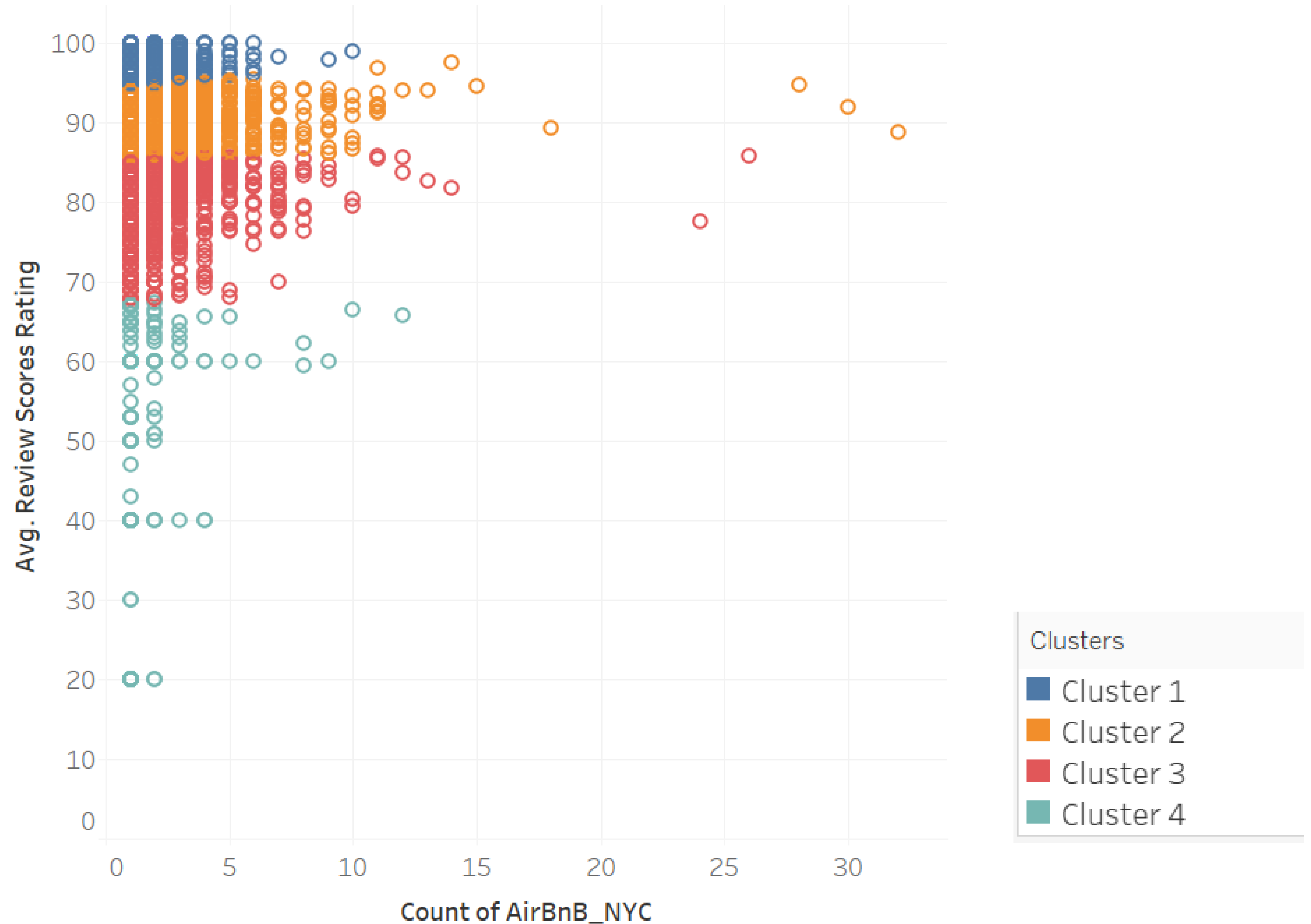
Number of Records by Start year



Number of Records by Room Type

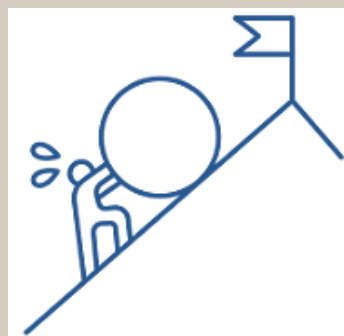


Average review score by number of Airbnb records of each host



Conclusions

1. Manhattan is the most expensive neighborhood for Airbnb's in New York City.
2. Lighthouses and Castles has the highest rating score (100)
3. The number of Records that a host has is higher for new members compared to previous years. According to the forecast results the record number should be even higher for the members started between 2015-2020 and lower for members started in 2021.
4. Entire home/apartment is the type of Airbnb's that had the greatest number of record while shared rooms has the lowest records, indicating that Entire home/ apartment is the most popular category.
5. There seems to be no relationship between the number of Airbnb's a host has versus their reviews. However, the 3 highest number of Airbnb's a host has were 32, 30, 28 and their reviews were in the same range which is 88, 92, 94.



Challenges



Future Goals

A modern office desk with a laptop, lamp, and papers, with a large 'Thank you!' text overlay.

Thank you!