

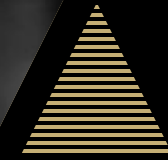


# Data Visualization with Tableau

REKHA .

JAN 16<sup>TH</sup> 2024





## Project Goals

- The goal of this project was to explore the information within *Airbnb* listings in New York City.
- Using Tableau, our objective was to craft compelling visualizations that highlight important insights and trends.

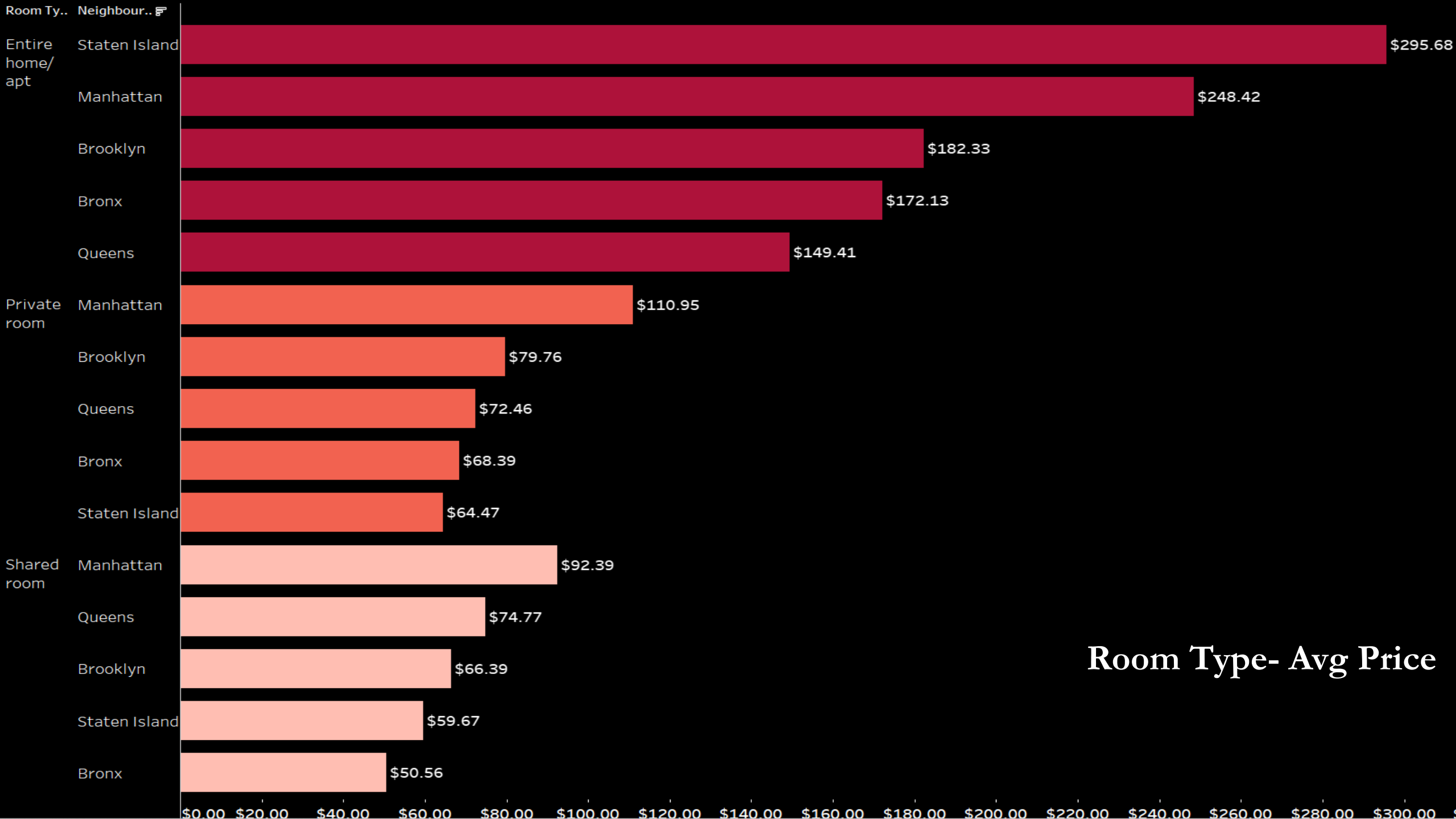
# Process

- ❖ Importing data
- ❖ Exploring / Cleaning
- ❖ Keypoints & Dashboard
- ❖ Results/Answers

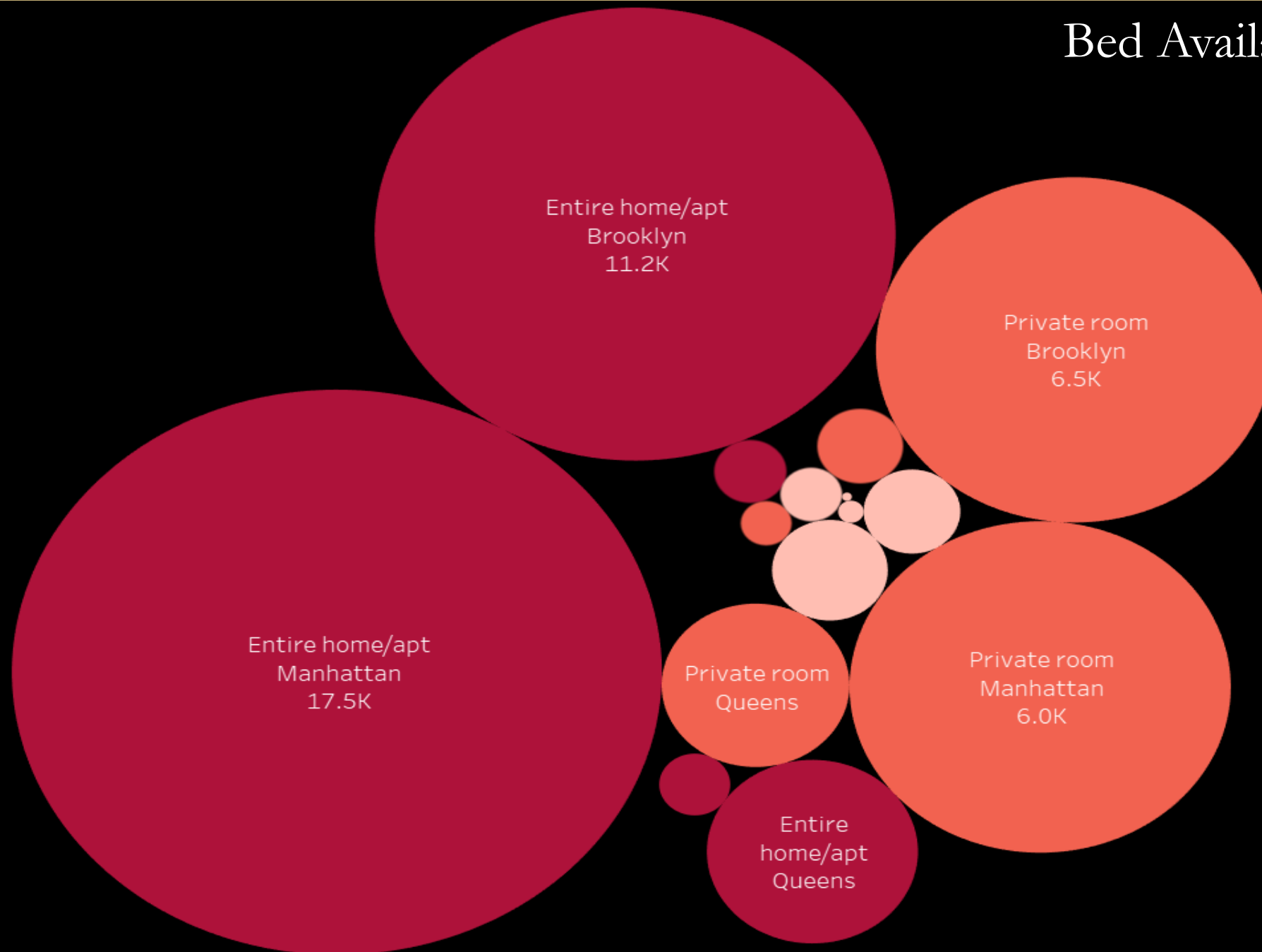


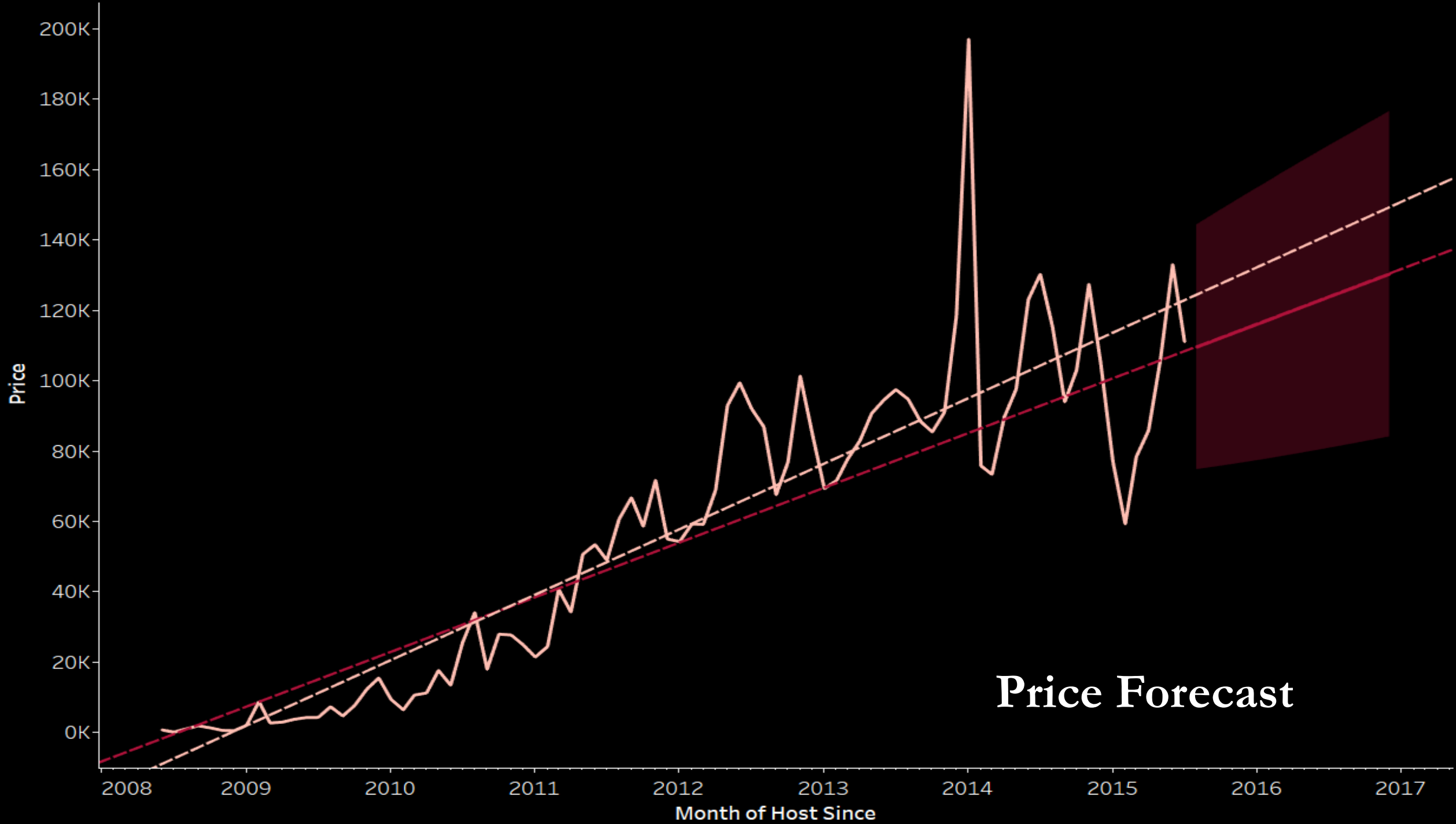
# Keypoints

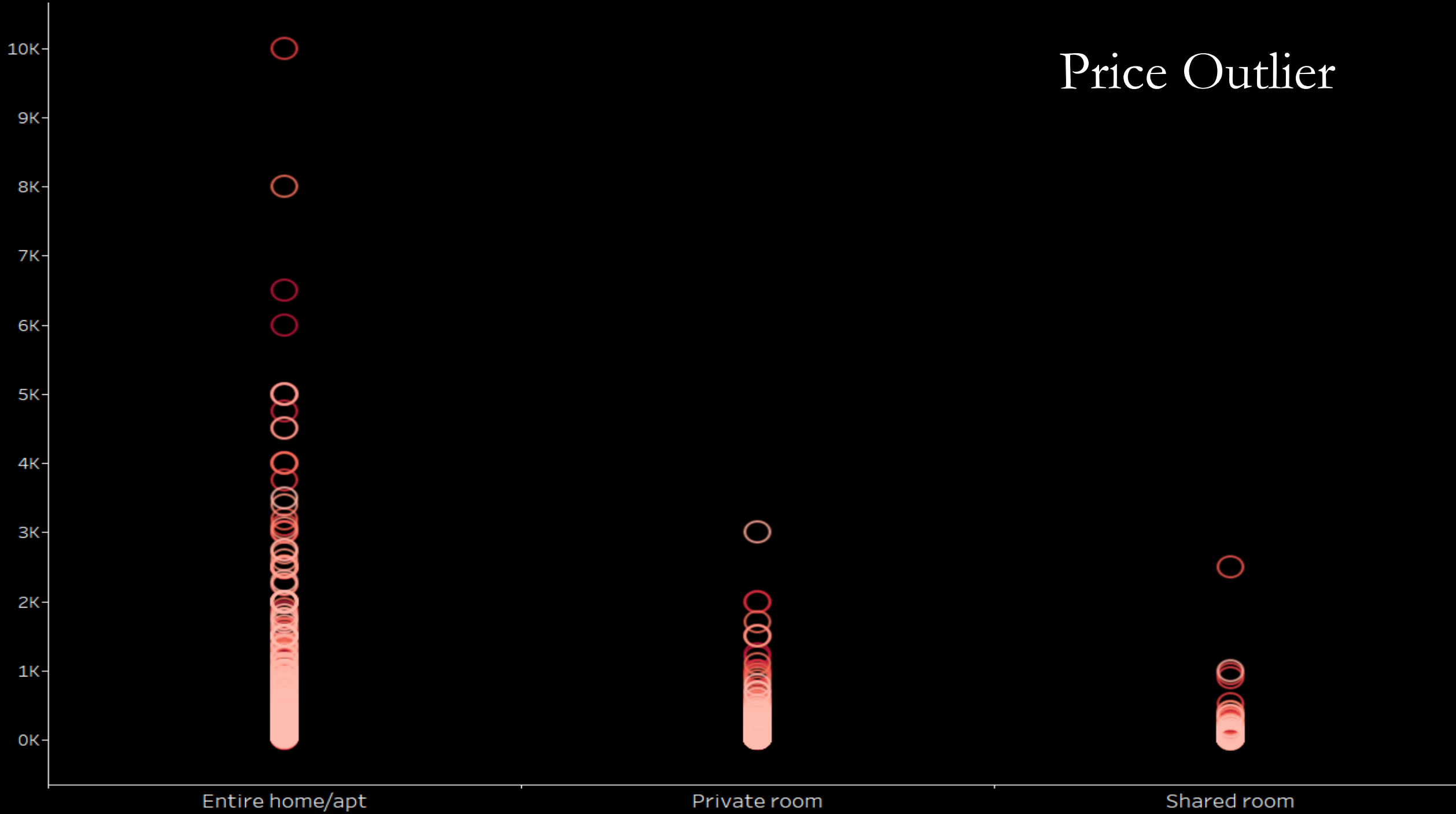
- ❖ What is the average price of each Room Type in different Zip codes?
- ❖ How is the popularity of RoomTypes impacting the average price, and how does this trend differ across various neighborhoods?
- ❖ Analyze the availability of beds in different Room types.
- ❖ Explore the trend of average prices over time based on the 'Host Since' duration.
- ❖ Can we create a time series price forecast based on the duration since the host joined?
- ❖ Identify and analyze price outliers based on Room types.



# Bed Availability









# Challenges

Our biggest difficulty was trying to make a map of listings using zip codes and neighborhoods. Unfortunately, I found it challenging to use maps.

It would have been great to visualize a map with hotspots of listings.

## Future Goals

- If we had more time, we aimed to create a map of NYC depicting various neighbourhood with different levels of activity, focusing on factors like reviews and number of records.



Thank You