



NYC Airbnb Open Data

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IST421 Information Visualization

Data Description:

The data is retrieved from kaggle provided by [Inside Airbnb](#). After removing the NAs, this dataset includes **38,821 rows** and **16 columns** describing the listing activity and metrics such as neighbourhood, room type, price, minimum nights, number of reviews in NYC, NY for 2019.

This data file includes all needed information to find out more about hosts, geographical availability, necessary metrics to

Audience:

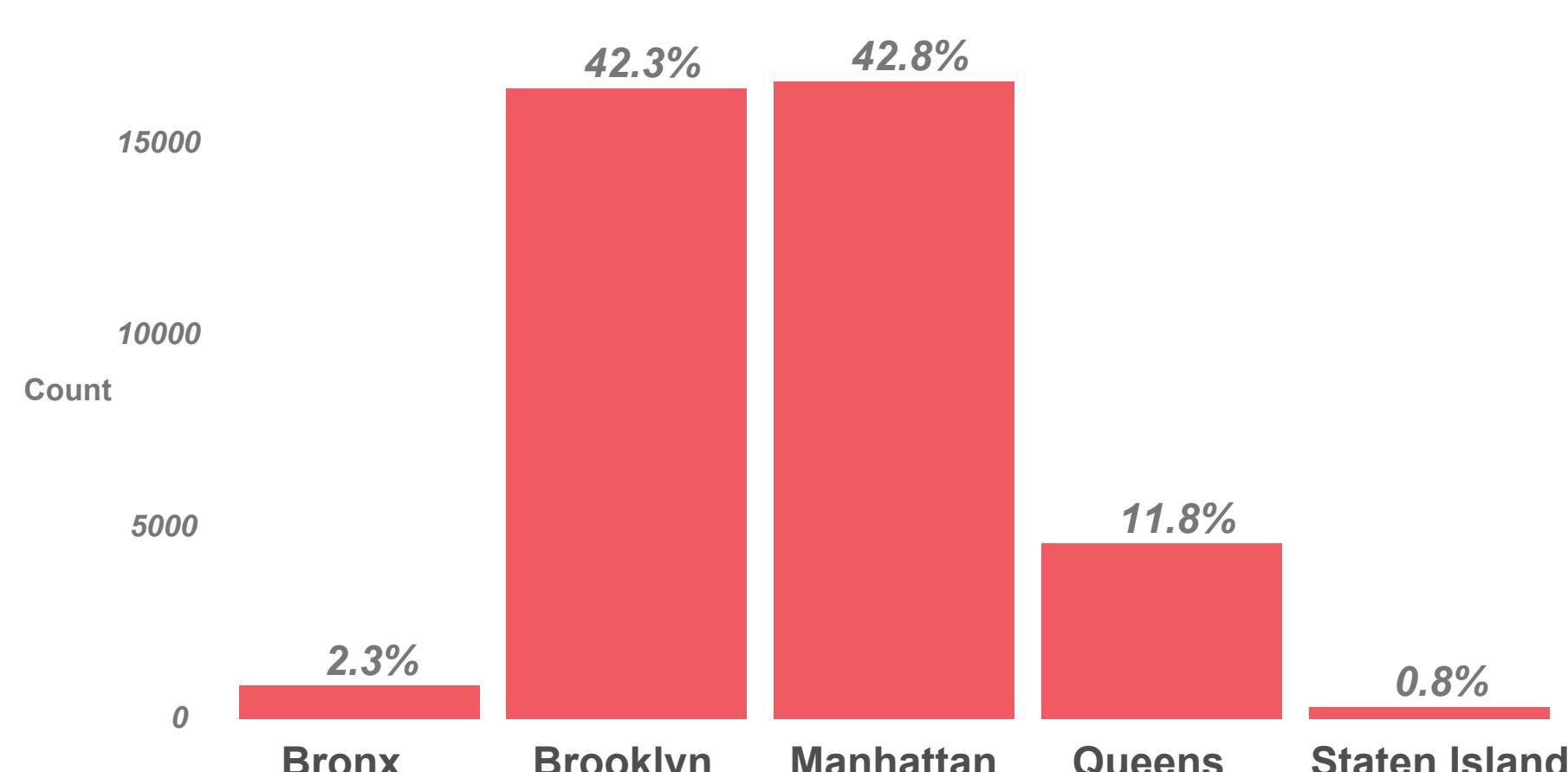
The audience of this report may be people who are interested in becoming a host on Airbnb, hosts who are on Airbnb already, market competitors, or anyone who has general interest.

If those who may concern, this report may answer following questions:

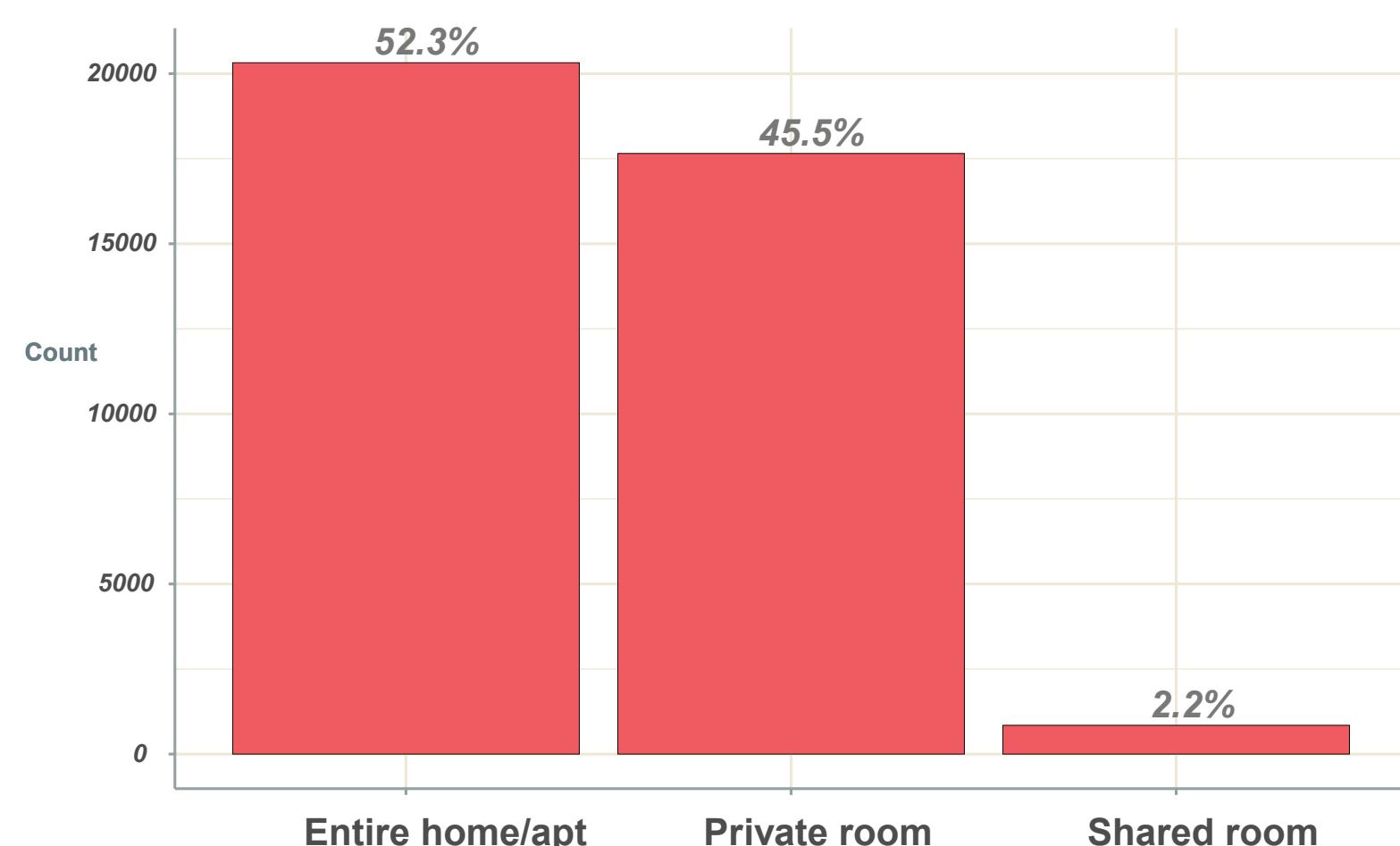
- How are the homes Geographically distributed in NYC?
- What type of room is the most popular in different neighborhoods?
- What factors are related to room price?



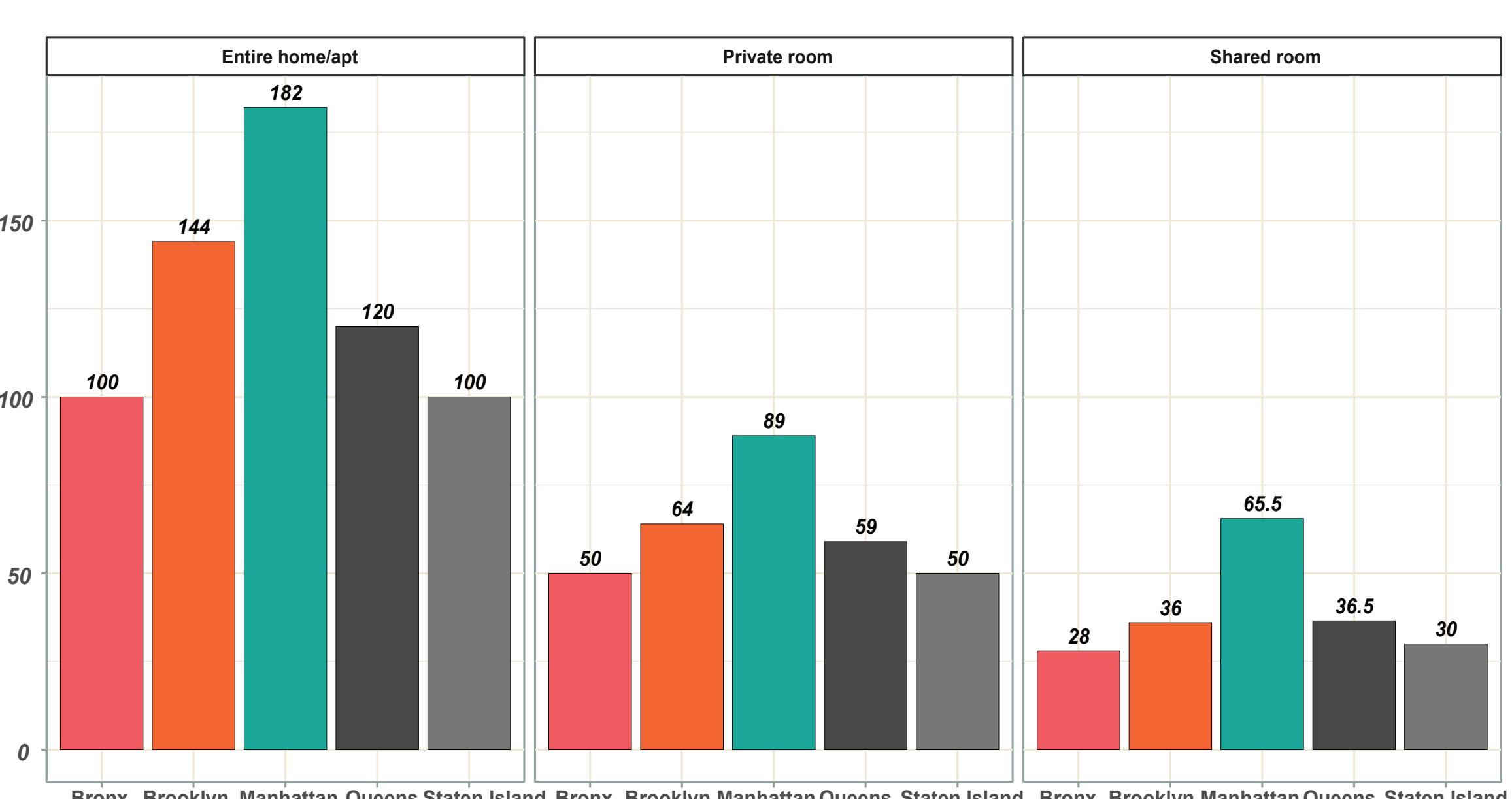
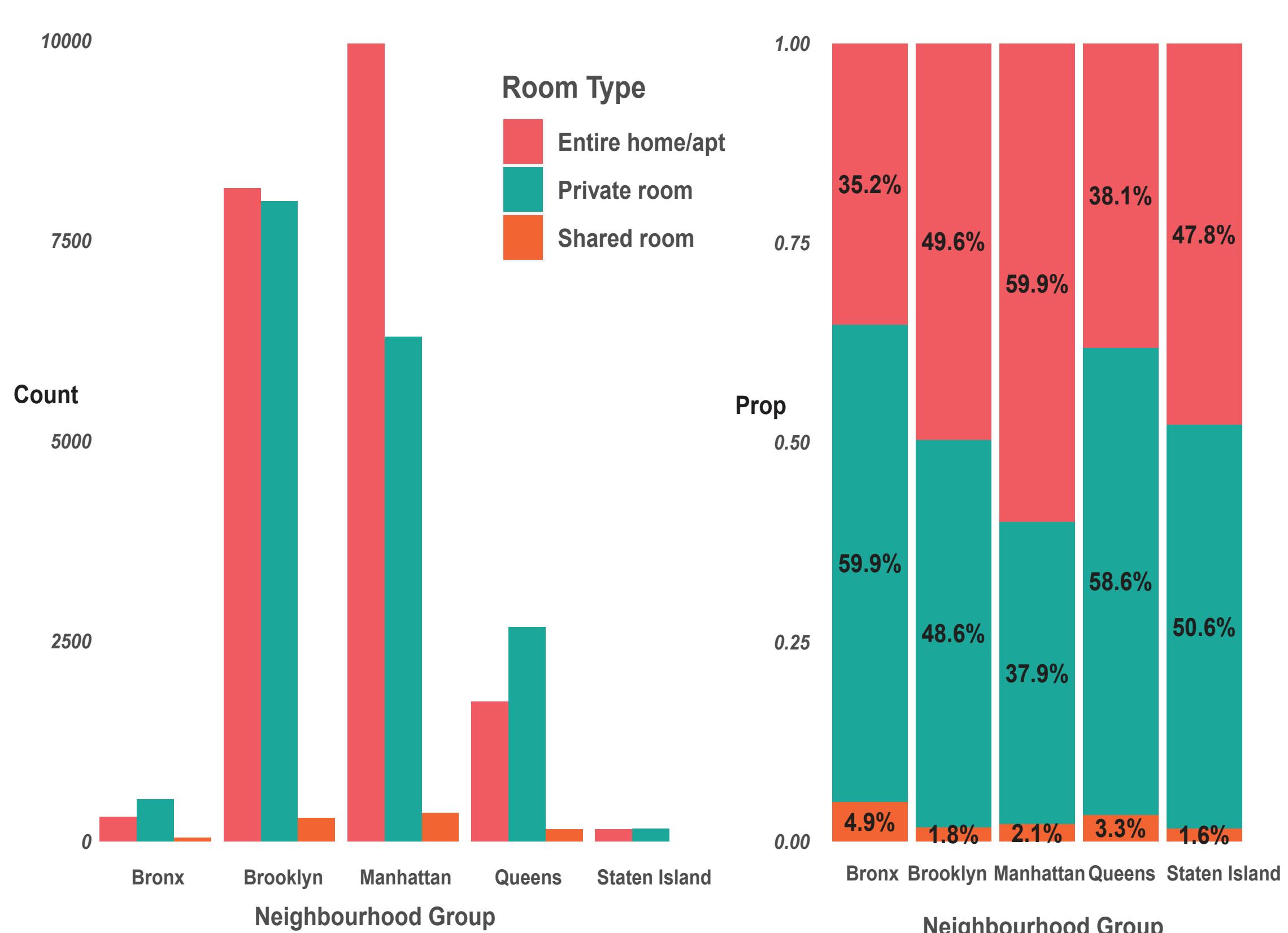
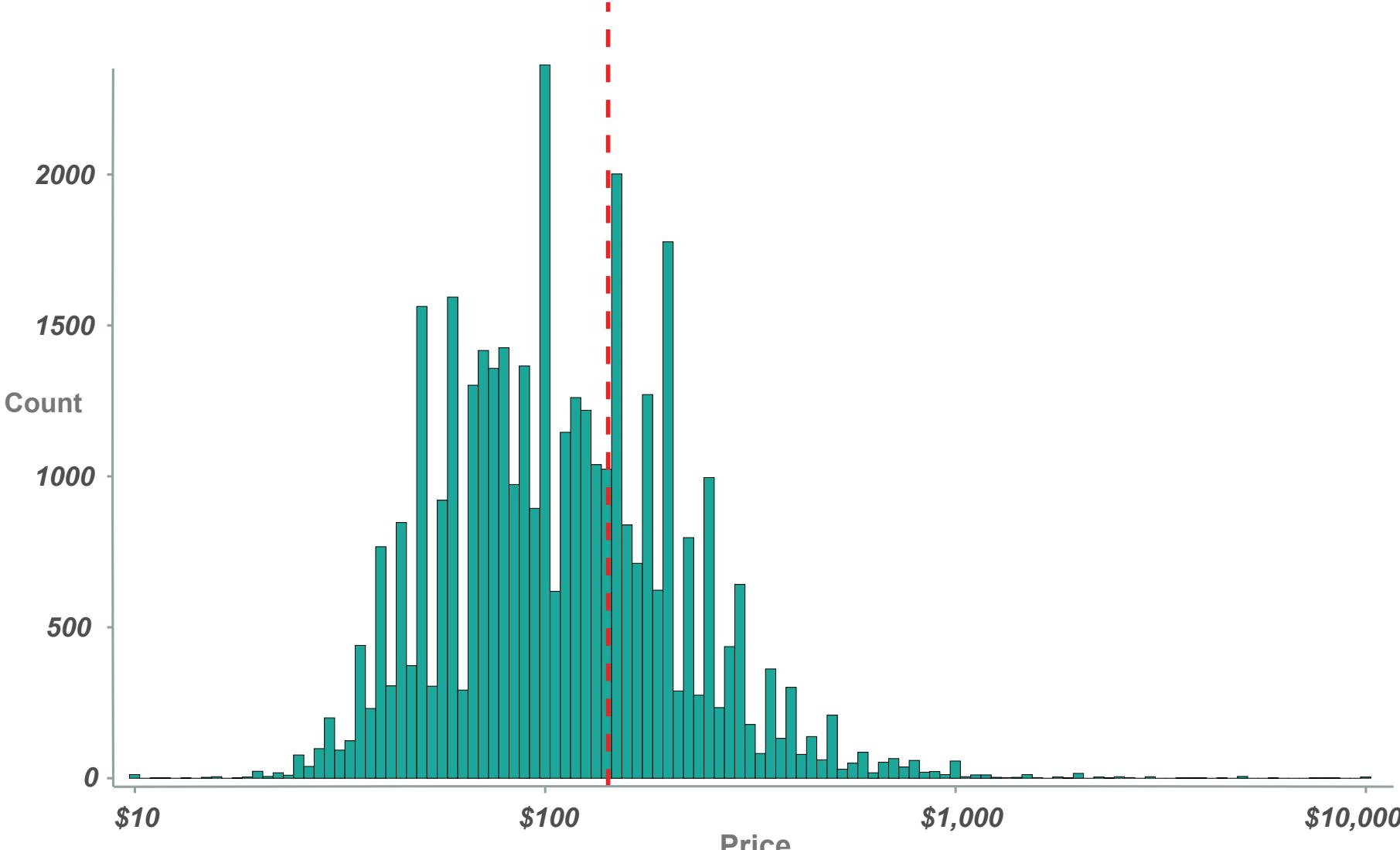
How many Airbnb rooms are listed according to each neighbourhood of NYC?



Room types in each neighbourhood



Price of all listed rooms



Packages Used:

data.table, dplyr, ggplot2, tm, scales, ggridges, gridExtra, ggcormplot

Source:

<https://www.kaggle.com/dgomonov/new-york-city-airbnb-open-data>