



By

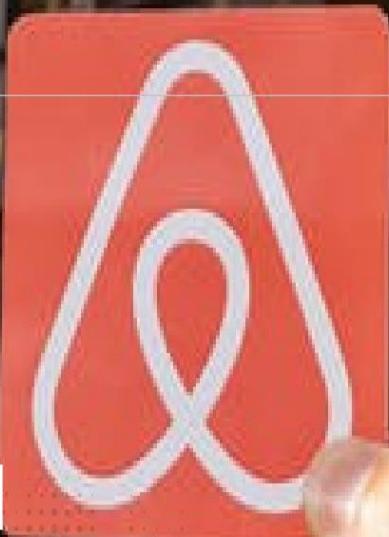
*sincy thomas
praveen kumar
M. subhudhi*

Agenda

01 Objective

02 Visualization and
Inferences

03 Methodology





For the past few months, Airbnb has seen a major decline in revenue. Now that the restrictions have started lifting and people have started to travel more, Airbnb wants to make sure that it is fully prepared for this change.

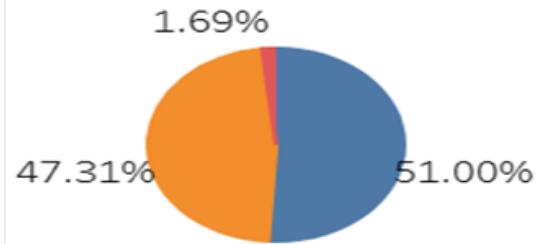


VISUALIZATION AND INFERENCE

*roomtype in
comparison with the
reviews*

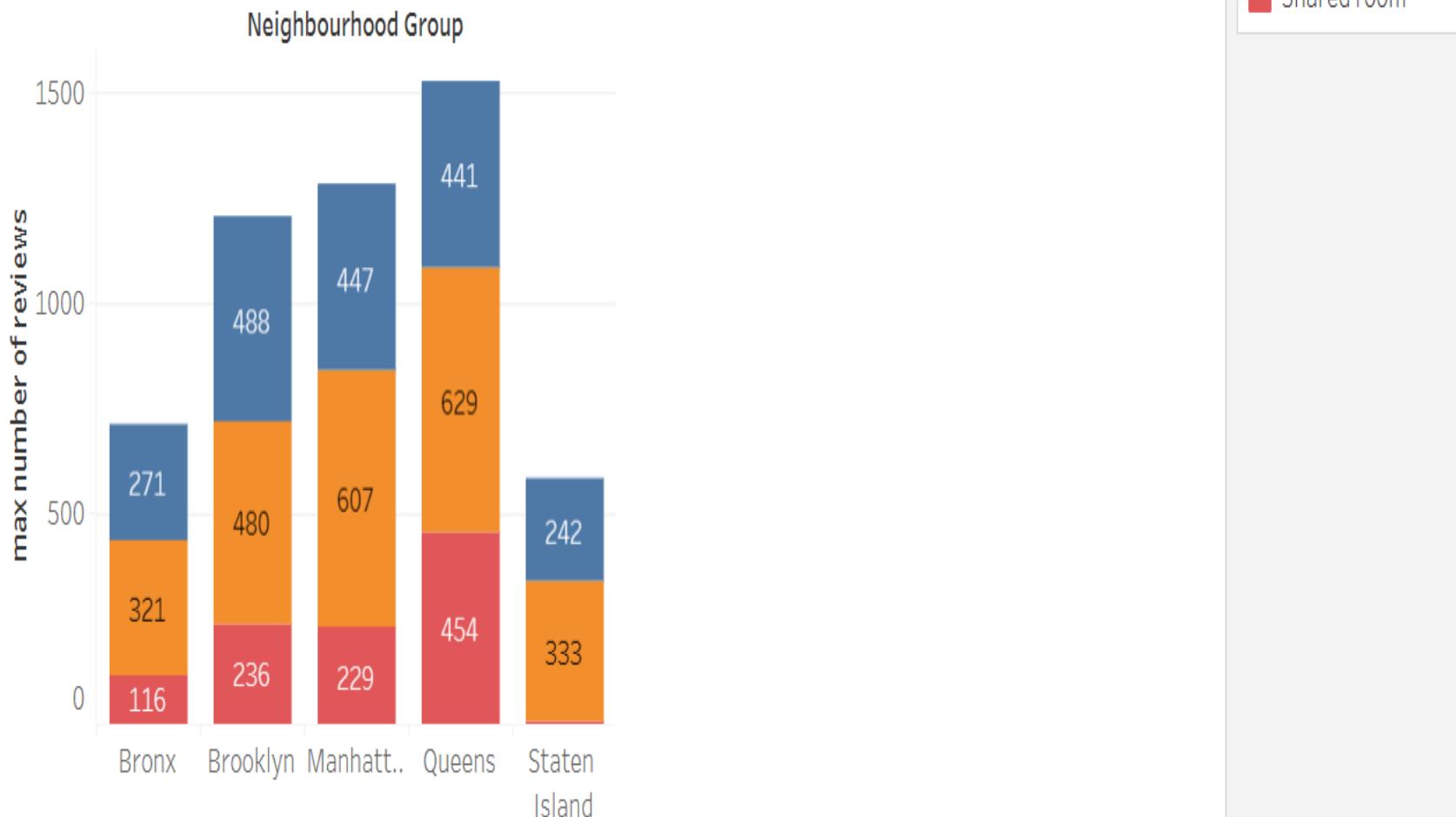
Room Type

- Entire home/apt
- Private room
- Shared room



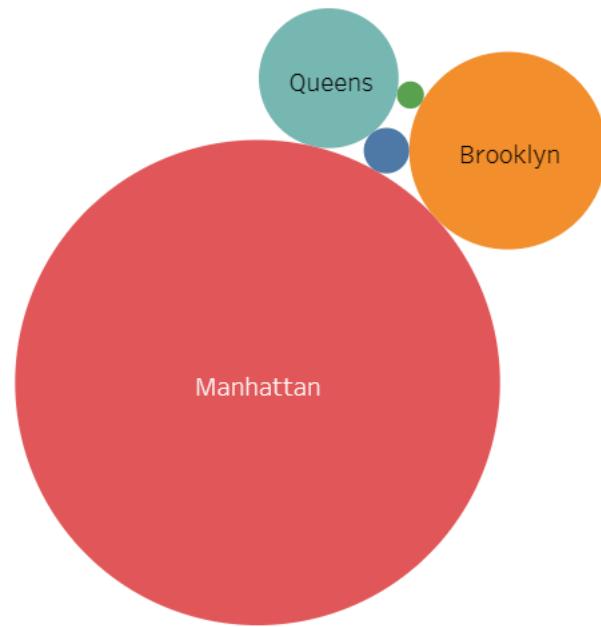
51% of people prefer Entire home/Apt for there stay

Number Of Reviews With respect to RoomType



Host listing in different Neighbourhood

Host Listing In Different
Neighbourhood



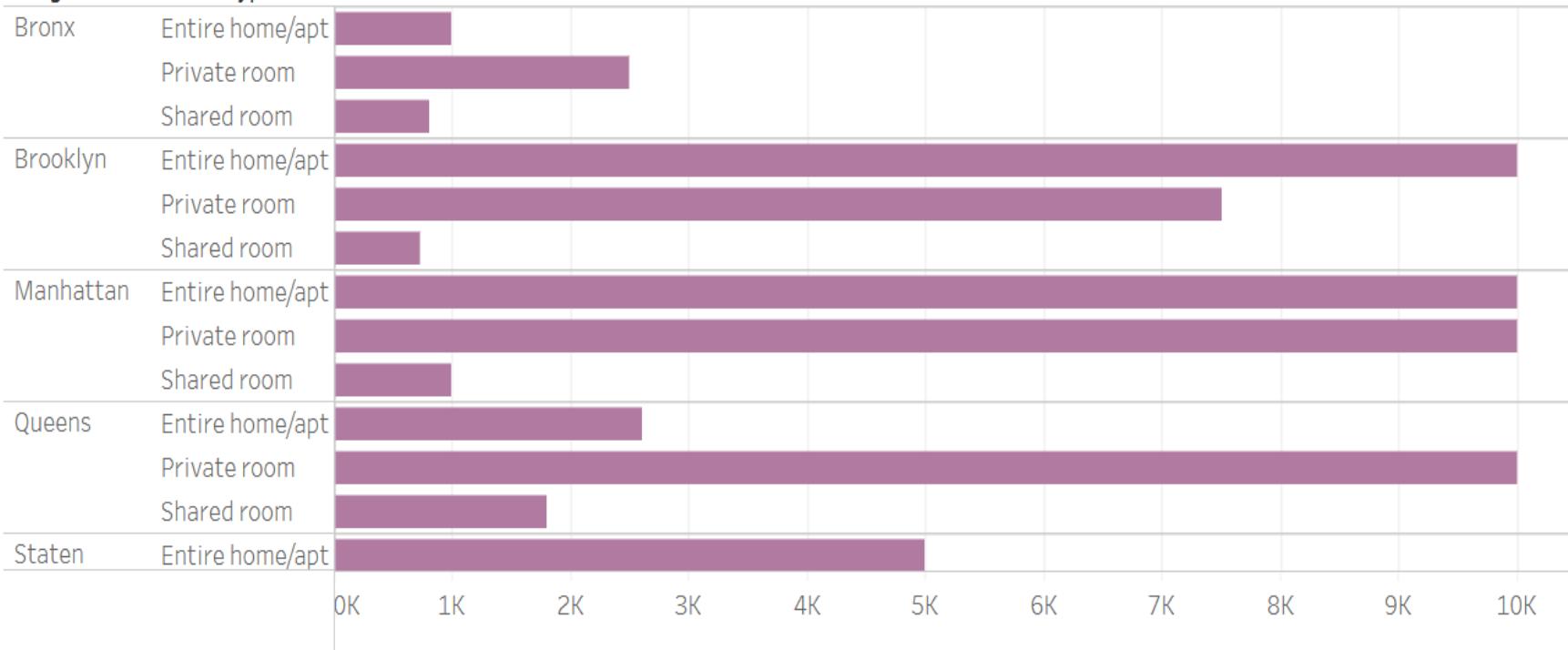
Neighbourhood Group

- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island

*From the above Bubble chart we can see that
Manhattan has the largest number of Host listing*

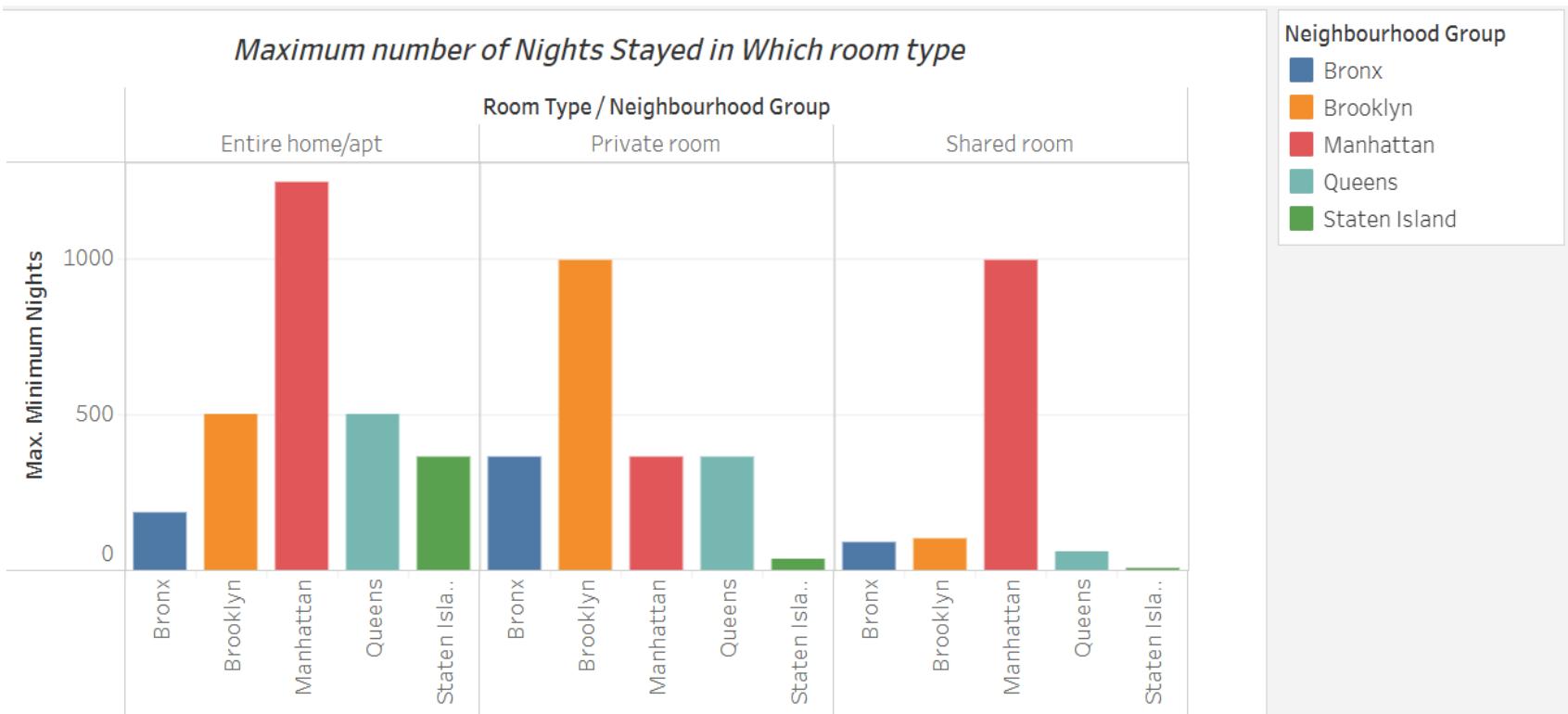
Room Type with Respect To Price In different Neighbourhood

Neighbour.. Room Type



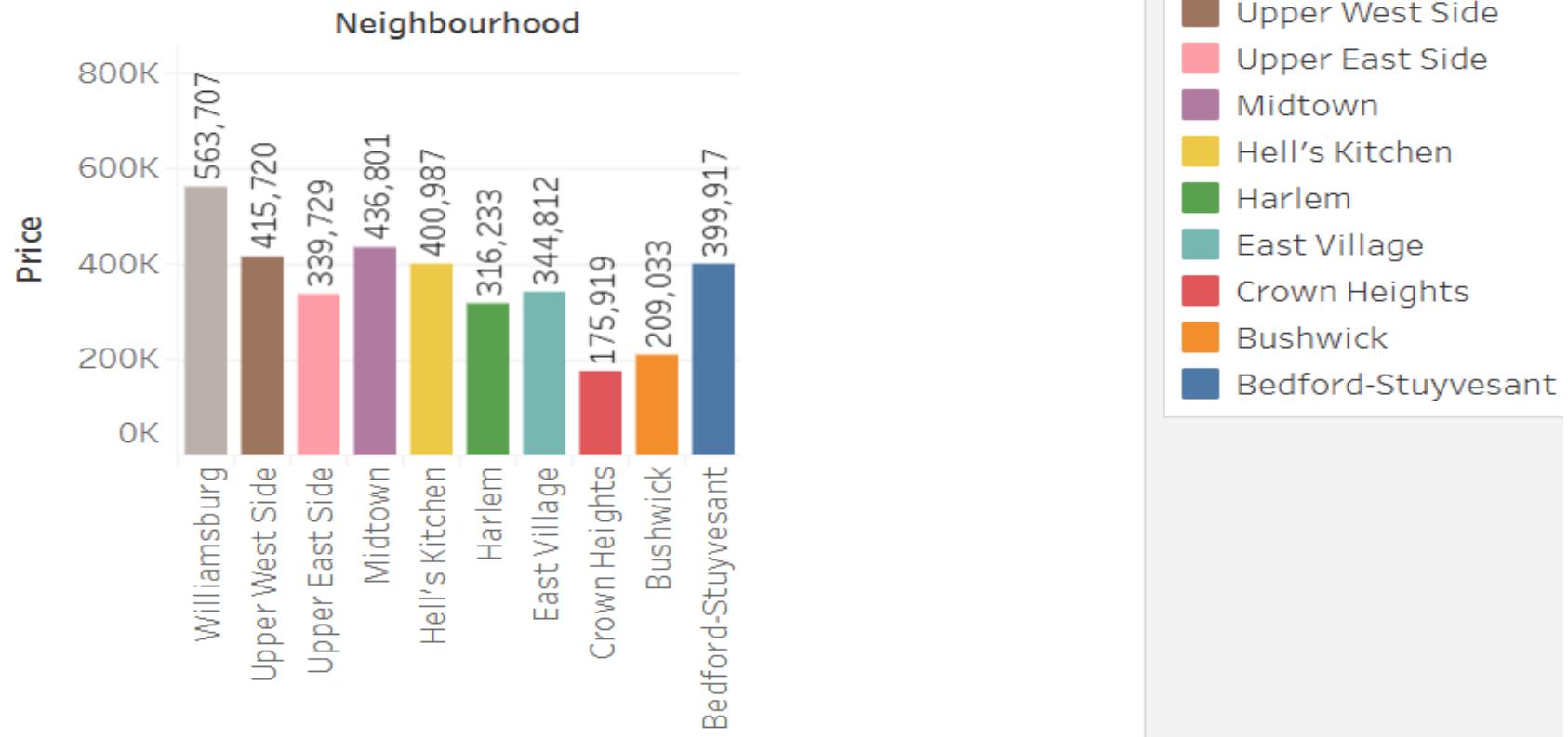
From the below given chart we can see that maximum number of nights stayed is in Manhatten and the Roomtype is entire home/apt

- ▶ Maximum number of Nights stayed with roomtypes



Top 10 neighbourhood

Sheet 3



These are the top 10 location on basis of price, we can see that Williamsburg

**Top 15 prime locations
where people stays
longer.**

**The majority of locations
are in Manhattan.**





METHODOLOGY



Exploratory Data Analysis:

- Checked the Null values in the dataset. Found some columns with the null values i.e. names, host_name, last_review, and review_per_month.
- Checked the outliers in the dataset.

Data Analysis:

- Try to analyze the data using different columns based on their price, availability_365, minimum_nights, and the reviews of the customers we received.

Inference after analyzing the data:

- We saw that people like to visit the center of New York from where they can see the beauty of the city.
- The number of listings of shared rooms is limited but their average price is placed less and availability is high.
- A number of reviews and reviews per month are more at less price than the higher price as there is less chance of people going for a high price room.
- Manhattan and Brooklyn are very costly neighbourhood_groups.
- People show interest in the host Blueground and spend more nights here.
- The minimum number of nights to stay reduces with a price increase.
- Focus on prime locations like Manhattan and Brooklyn where people show interest.

Thankyou

