Storytelling Case Study: Airbnb, NYC
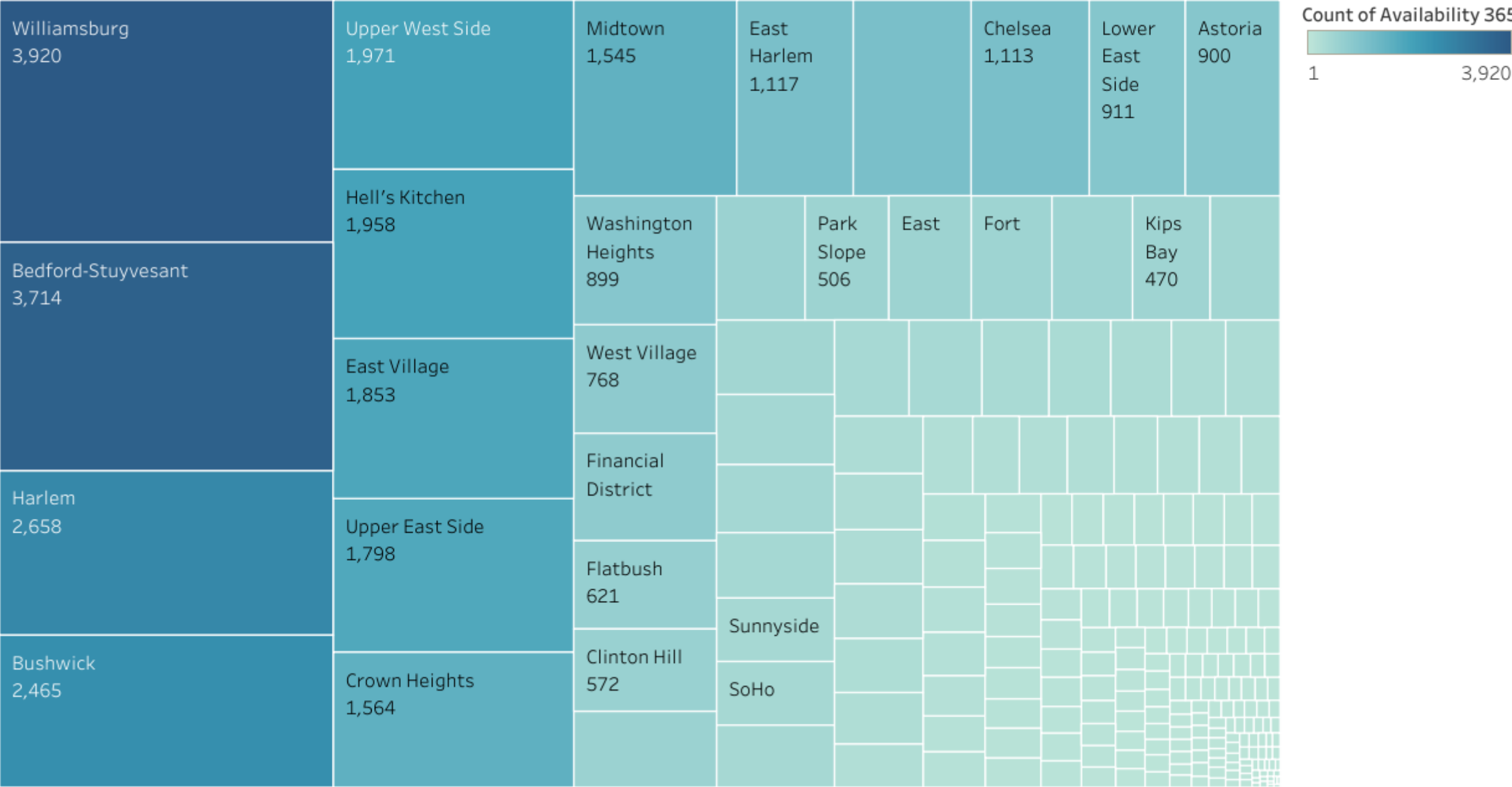
Prepared By- Ankita kalra
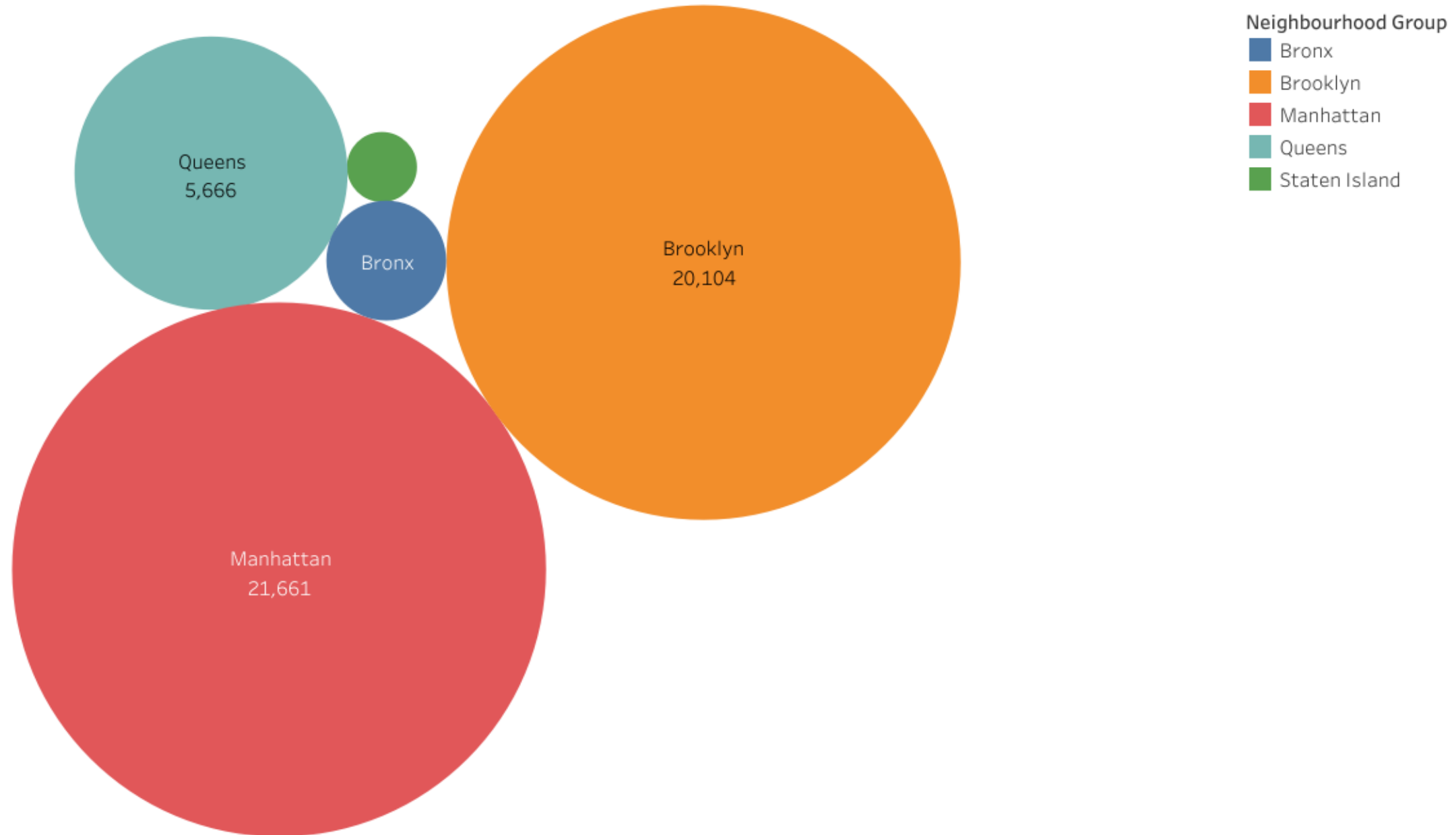
Manish Mishra

Onkar Suryawanshi

Presentation – I

1. **Data Analysis Managers:** These people manage the data analysts directly for processes and their technical expertise is basic.

2. **Lead Data Analyst:** The lead data analyst looks after the entire team of data and business analysts and is technically sound.
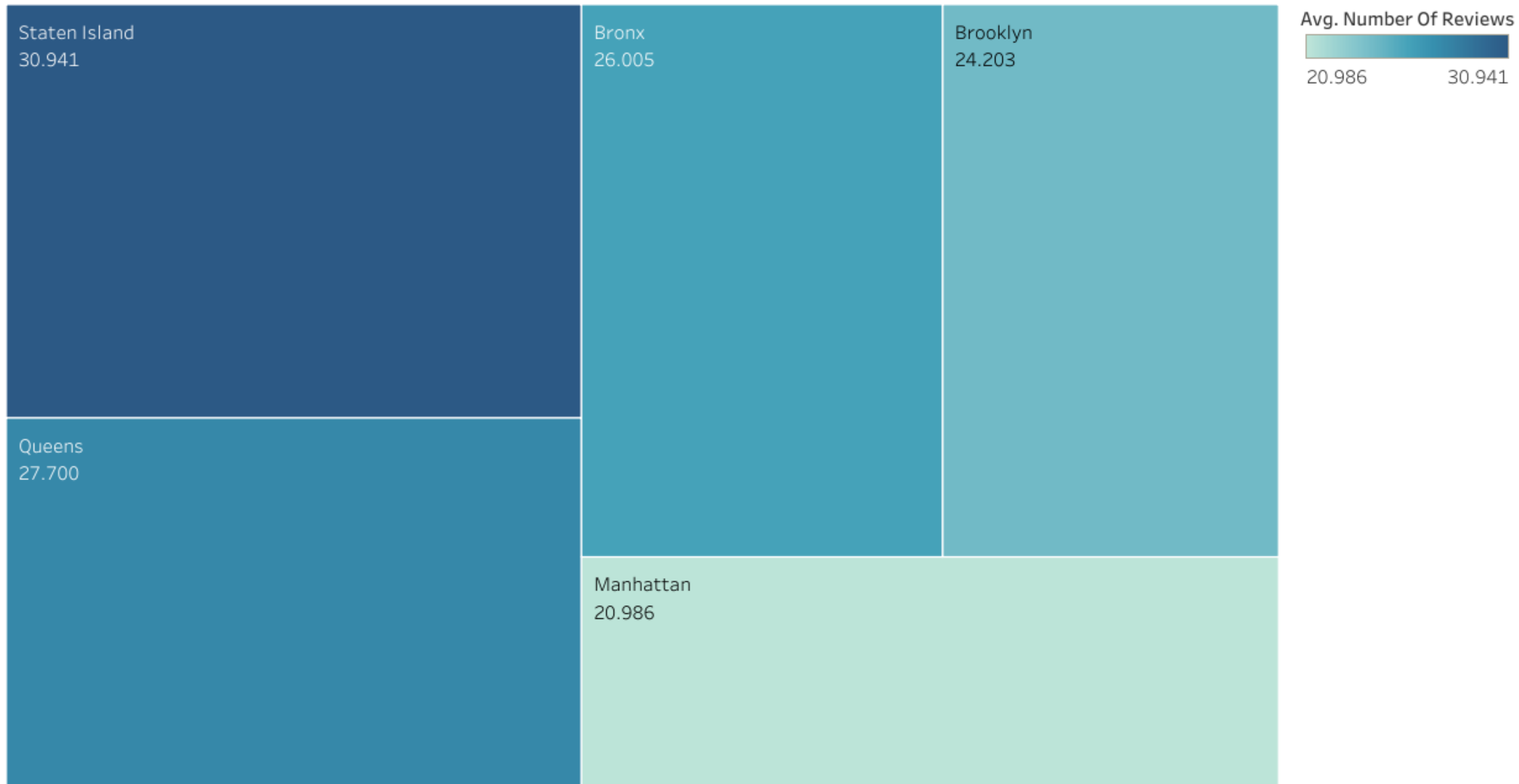
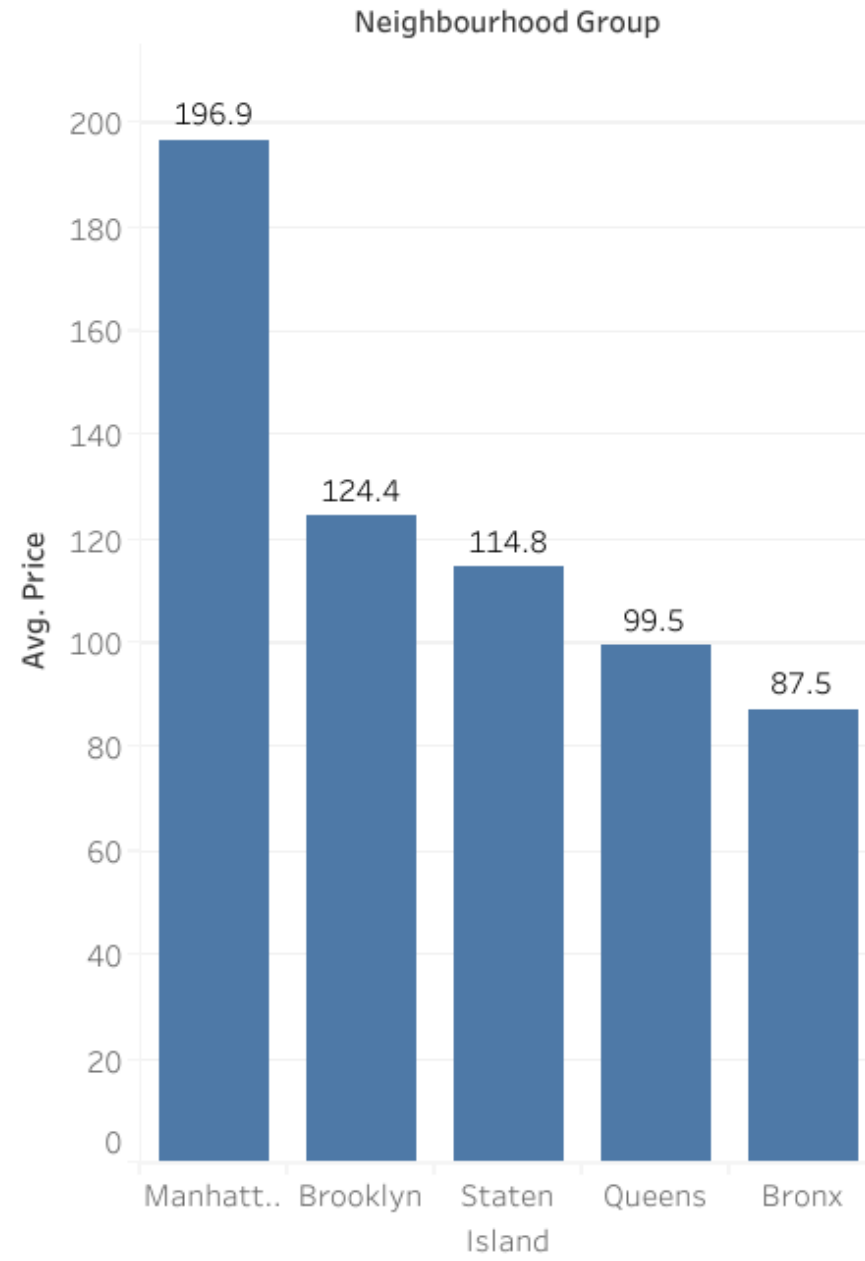# Neighbourhood vs Availability 365

Count of Availability 365

1 — 3,920

Williamsburg 3,920	Upper West Side 1,971	Midtown 1,545	East Harlem 1,117		Chelsea 1,113	Lower East Side 911	Astoria 900	
	Hell's Kitchen 1,958	Washington Heights 899		Park Slope 506	East	Fort	Kips Bay 470	
Bedford-Stuyvesant 3,714	East Village 1,853	West Village 768						
Harlem 2,658	Upper East Side 1,798	Financial District						
		Flatbush 621	Sunnyside					
Bushwick 2,465	Crown Heights 1,564	Clinton Hill 572	SoHo					

Neighbourhood Group vs Availability 365

Neighbourhood Group
- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island

Queens
5,666

Bronx

Brooklyn
20,104

Manhattan
21,661

Neighbourhood Group vs Average Reviews

| Staten Island 30.941 | Bronx 26.005 | Brooklyn 24.203 |

Avg. Number Of Reviews

20.986   30.941

Queens 27.700

Manhattan 20.986

Neighbourhood Group vs Average Price

Neighbourhood Group

Room Type vs Availability 365

Room Type
- Entire home/apt
- Private room
- Shared room

2.37%
Shared room

45.66%
Private room

51.97%
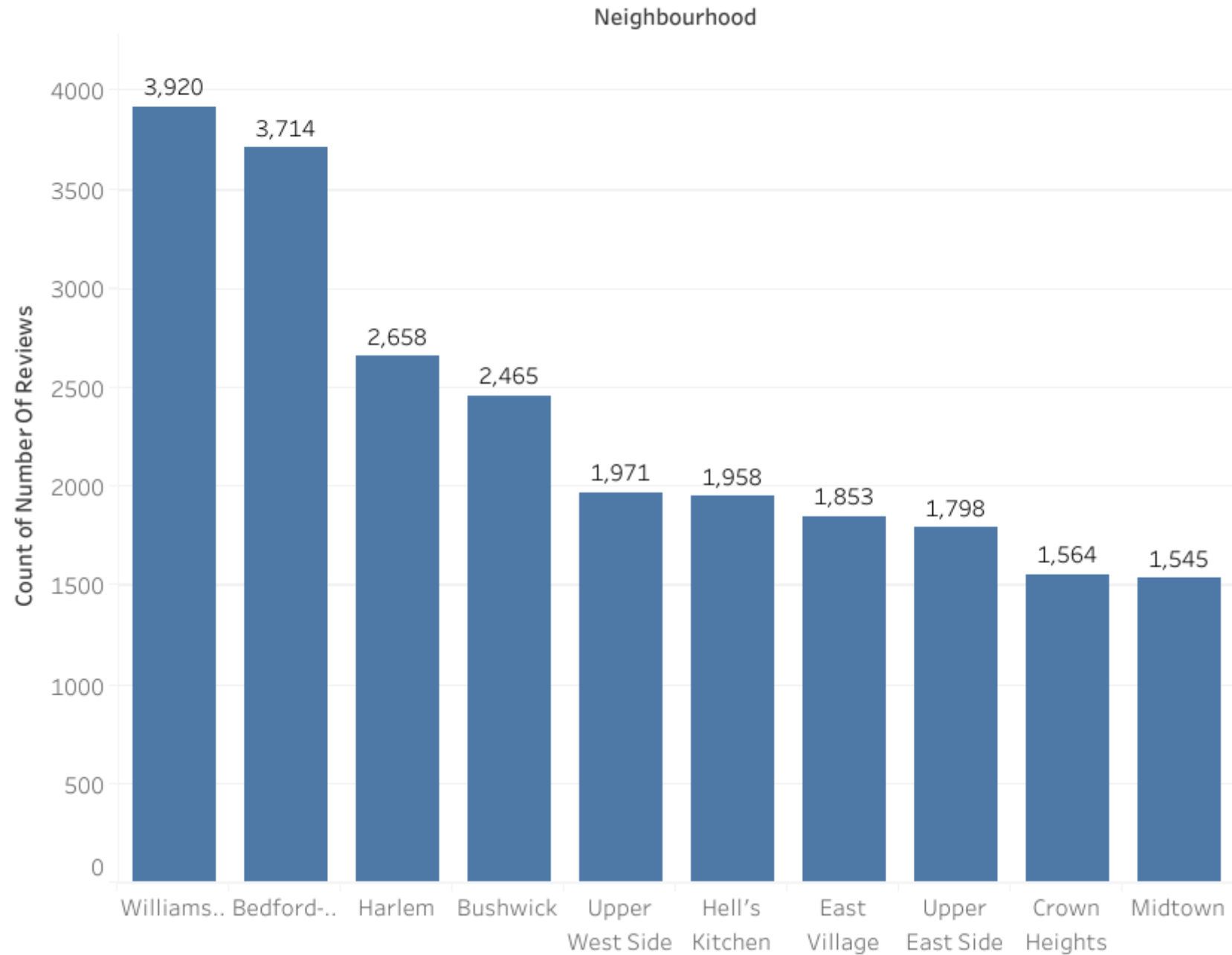Entire home/apt
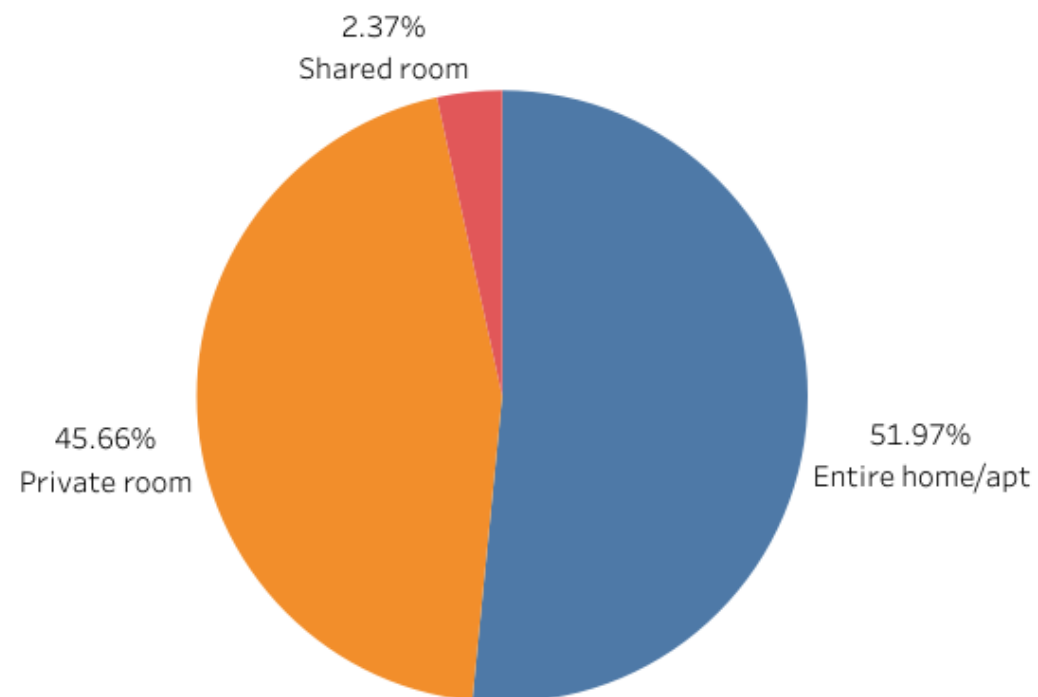
Neighbourhood Group vs Minimum Nights

Neighbourhood Group
- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island

Queens
5,666

Brooklyn
20,104

Bronx

Manhattan
21,661
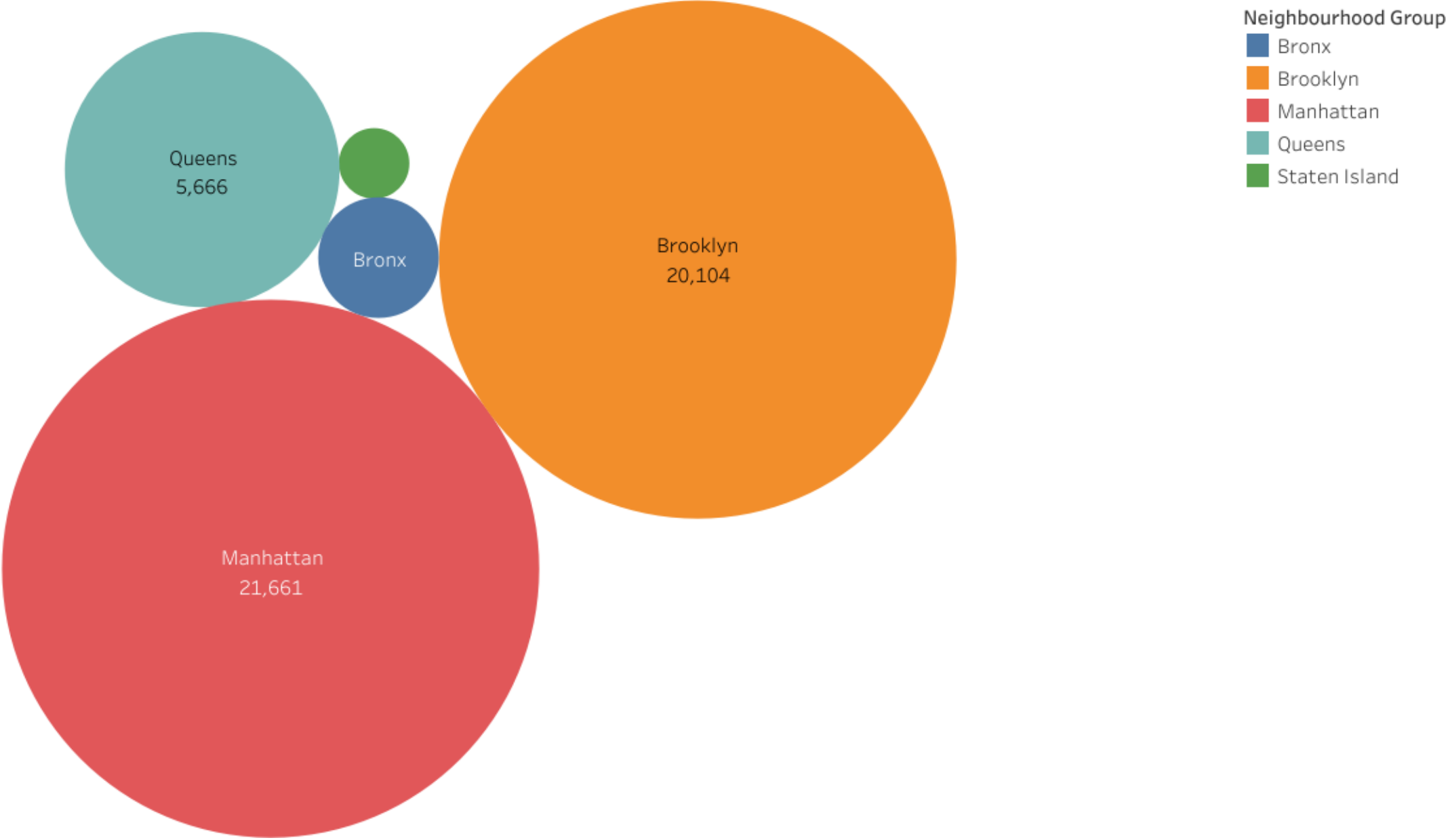
Room Type vs Calculated Host Listings Count

Room Type

	Distinct count of Calculated Host Listings Count
Entire home/apt	25,409
Private room	22,326
Shared room	1,160
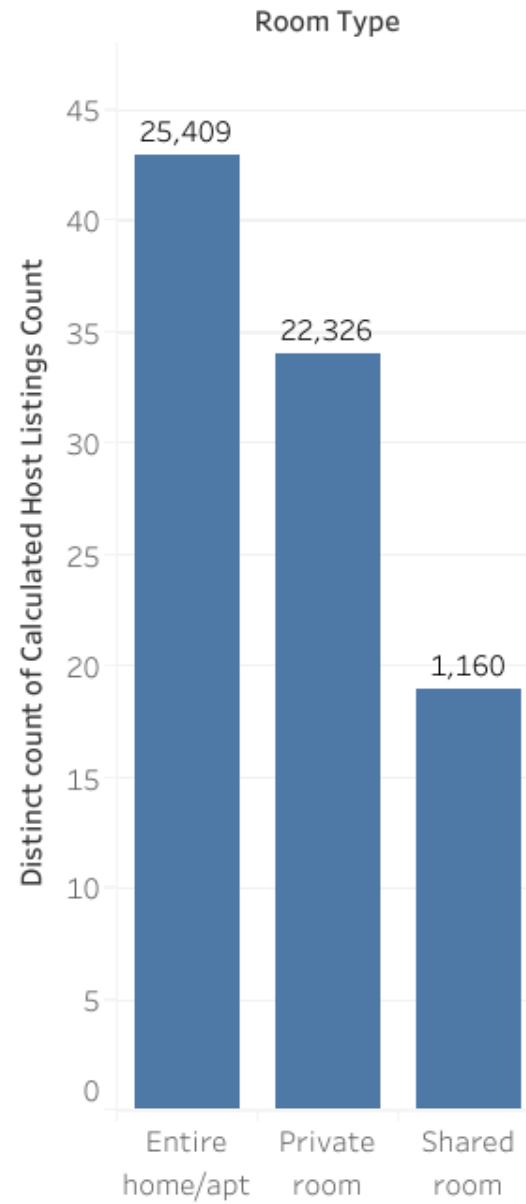
Neighbourhood vs Number of reviews

Neighbourhood

Neighbourhood Group vs Number of reviews

Neighbourhood Group
- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island

Queens
5,666

Brooklyn
20,104

Bronx
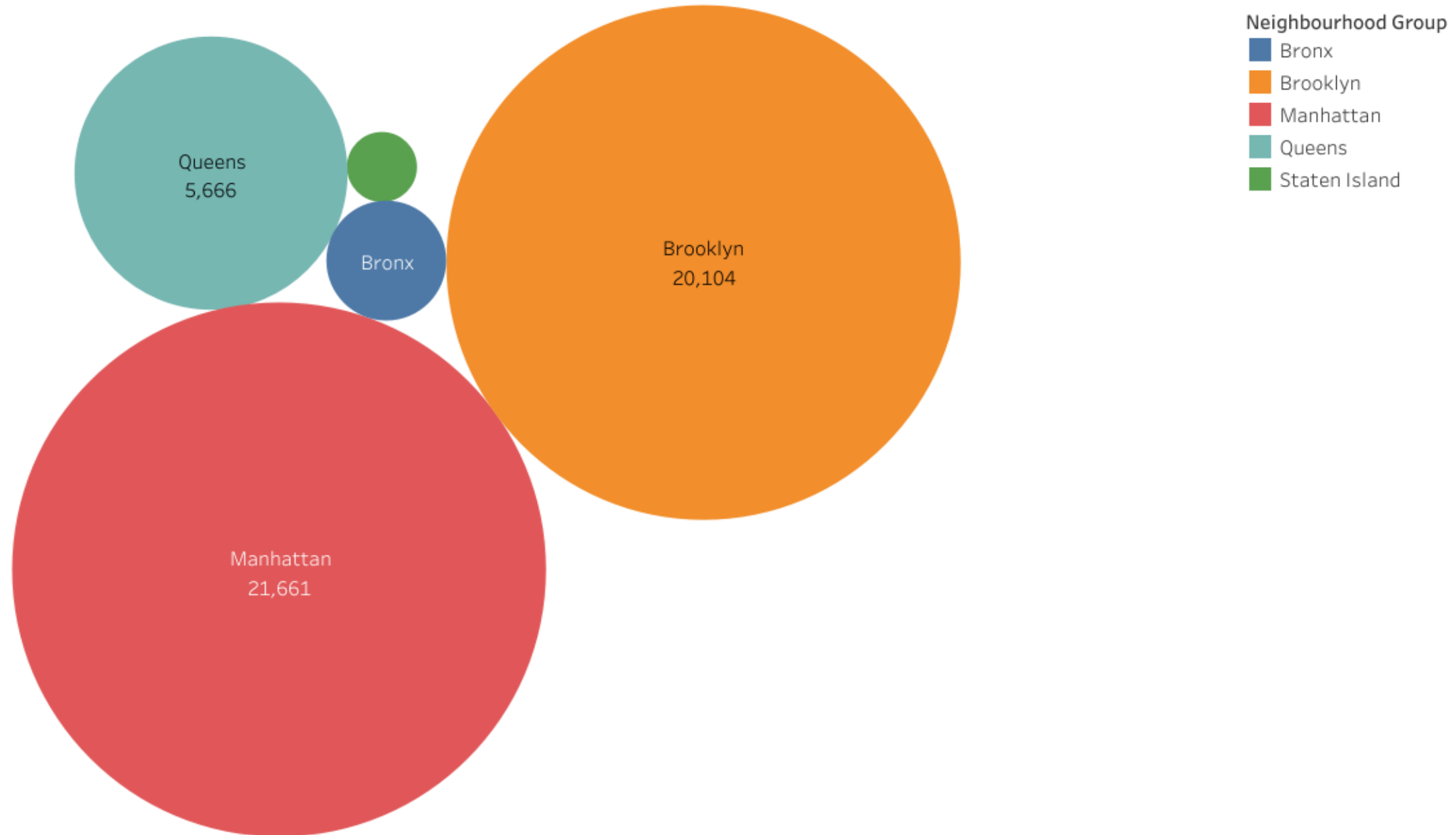
Manhattan
21,661

OUTCOMES

1. Williamsburg and Bedford-Stuyvesant neighbourhood have the highest availability of the rooms throughout the year.

2. Manhattan and Brooklyn neighbourhood groups have the highest availability of the rooms throughout the year.

3. Staten Island and Queens have got the maximum number of average reviews.

4. Manhattan Neighbourhood group have the costliest rooms available in the locality.

5. Most of the guest prefer Entire home apartment (51.97%).

6. Staten Island and Bronx are the least preferred locality.

7. Most of the hosts prefer to list their Entire home/Apartment.

8. Williamsburg and Bedford-Stuyvesant neighbourhood have the highest number of reviews against their properties.

9. Manhattan and Brooklyn neighbourhood groups have the highest number of reviews against their properties.