Airbnb Selection in New York

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The Airbnb Dataset From Kaggle

Basic Info:

- **Airbnb listings, New York City, 2019**
- **Original data base:**
  http://insideairbnb.com/
- **48,895 rows, 16 columns**
- **Goals:**
  To find the **best fit** for different people who is looking for Airbnb accommodation in NYC
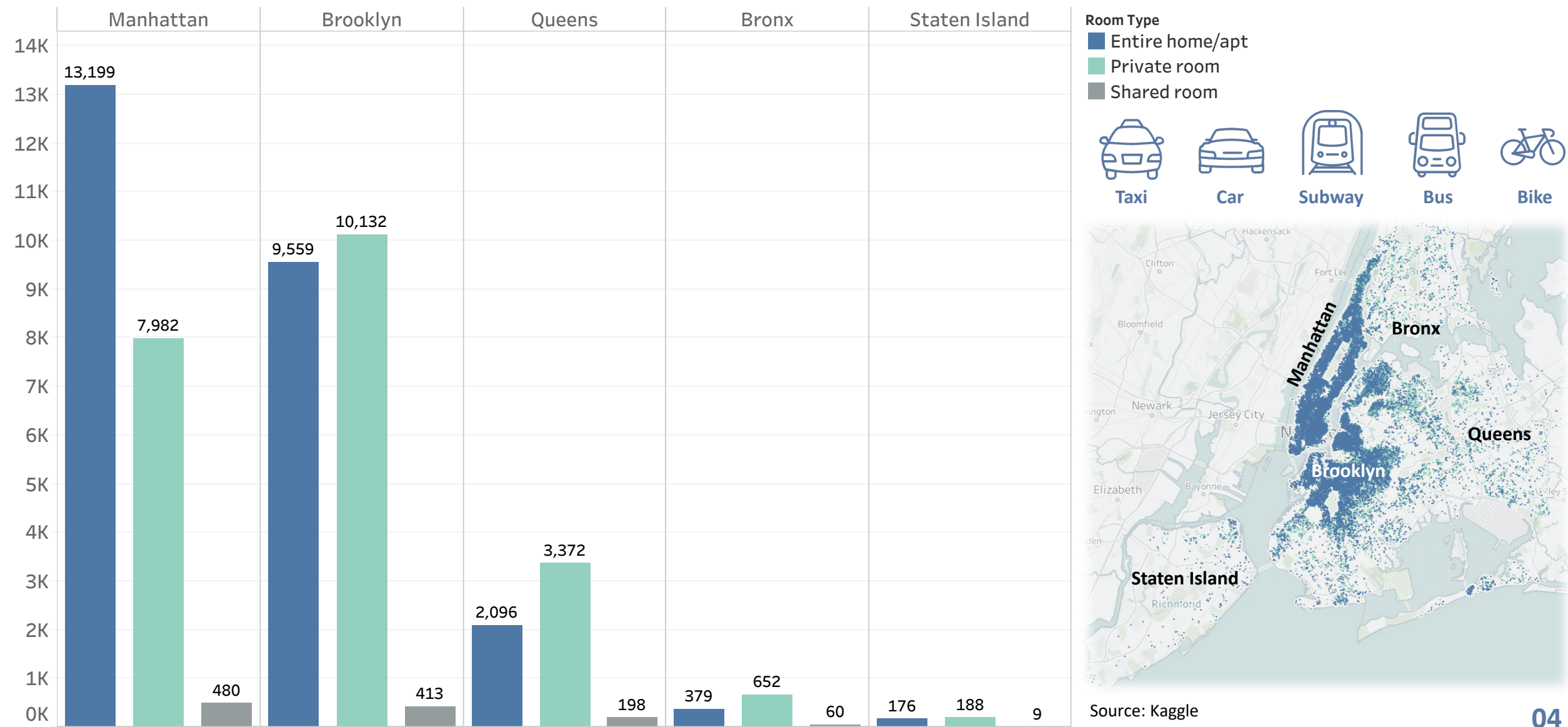- **Analytical tools:**
  Tableau, Python

Source: Kaggle

Distribution Of Various Room Types In Different Neighborhoods Of NYC

	Manhattan	Brooklyn	Queens	Bronx	Staten Island

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

Taxi Car Subway Bus Bike

Manhattan: 13,199 / 7,982 / 480
Brooklyn: 9,559 / 10,132 / 413
Queens: 2,096 / 3,372 / 198
Bronx: 379 / 652 / 60
Staten Island: 176 / 188 / 9

Popularity For Various Room Types In Different Neighborhoods Of NYC

Popular = Having over **10** reviews per month

Queens Private Room 62.96%
Manhattan Private Room 14.81%
Queens Entire Home 14.81%
Brooklyn Entire Home 3.70%
Brooklyn Private Room 3.70%
Manhattan Entire Home 3.70%

Source: Kaggle
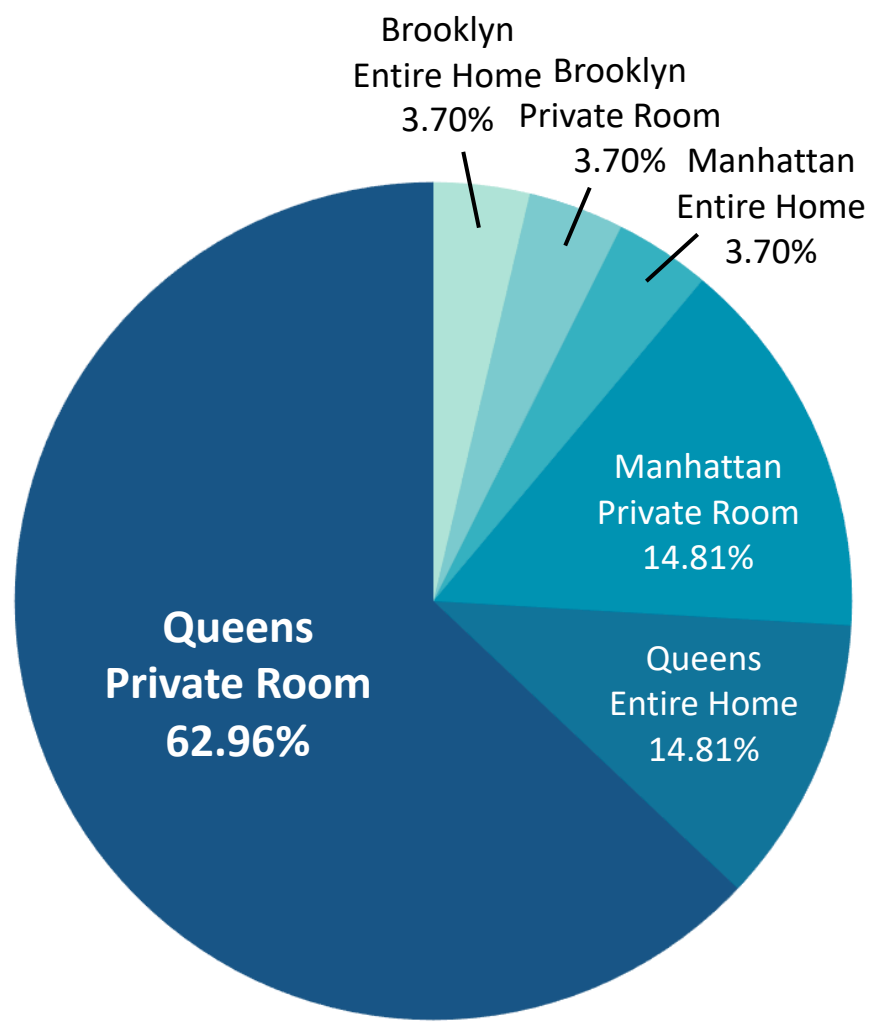
ID	Brooklyn	Manhattan		Queens	
	Private Room	Entire Home	Private Room	Entire Home	Private Room
32678719			58.50		
32678720			27.95		
30423106					20.94
21550302					19.75
22176831					17.82
22750161					16.81
16276632					16.22
18173787					16.03
28826608					15.78
31249784					15.32
31090222					15.23
32678721			14.62		
9145202					14.58
17222454					14.36
34392081	14.00				
35495582		14.00			
17587000					13.48
5115372					13.45
35055076					13.42
10101135					13.40
34150120	13.33				
31086198					13.30
20196339				13.27	
17779504					13.24
16814205					13.15
32611321			13.13		
29489893				13.11	
Total	2	1	4	2	17

Price For Various Room Types In Different Neighborhood Of NYC

Neighborhood	Price	Room Type		
		Entire home	**Private room**	**Shared room**
Manhattan	Min.	**$0.00**	$10.00	$10.00
	Avg.	$249.24	$116.78	$88.98
Brooklyn	Min.	**$0.00**	**$0.00**	**$0.00**
	Avg.	$178.33	$76.50	$50.53
Queens	Min.	$10.00	$10.00	$11.00
	Avg.	$147.05	$71.76	$69.02
Bronx	Min.	$28.00	**$0.00**	$20.00
	Avg.	$127.51	$66.79	$59.80
Staten Island	Min.	$48.00	$20.00	$13.00
	Avg.	$173.85	$62.29	$57.44

Free Housing!!

Source: Kaggle

Availability For Various Room Types In Different Neighborhood Of NYC

Room Type	Manhattan	Brooklyn	Queens	Bronx	Staten Island
Entire home/apt	■	97.2	■	■	■
Private room	■	99.9	■	■	226.4
Shared room	■	■	■	■	64.8

Legend:
- ■ 100 < Availability < 200
- ■ Availability > 200
- ■ Availability < 100

Relatively high price (Manhattan)

In need of early reservation (Brooklyn)

Relatively far (Queens, Bronx, Staten Island)

Source: Kaggle
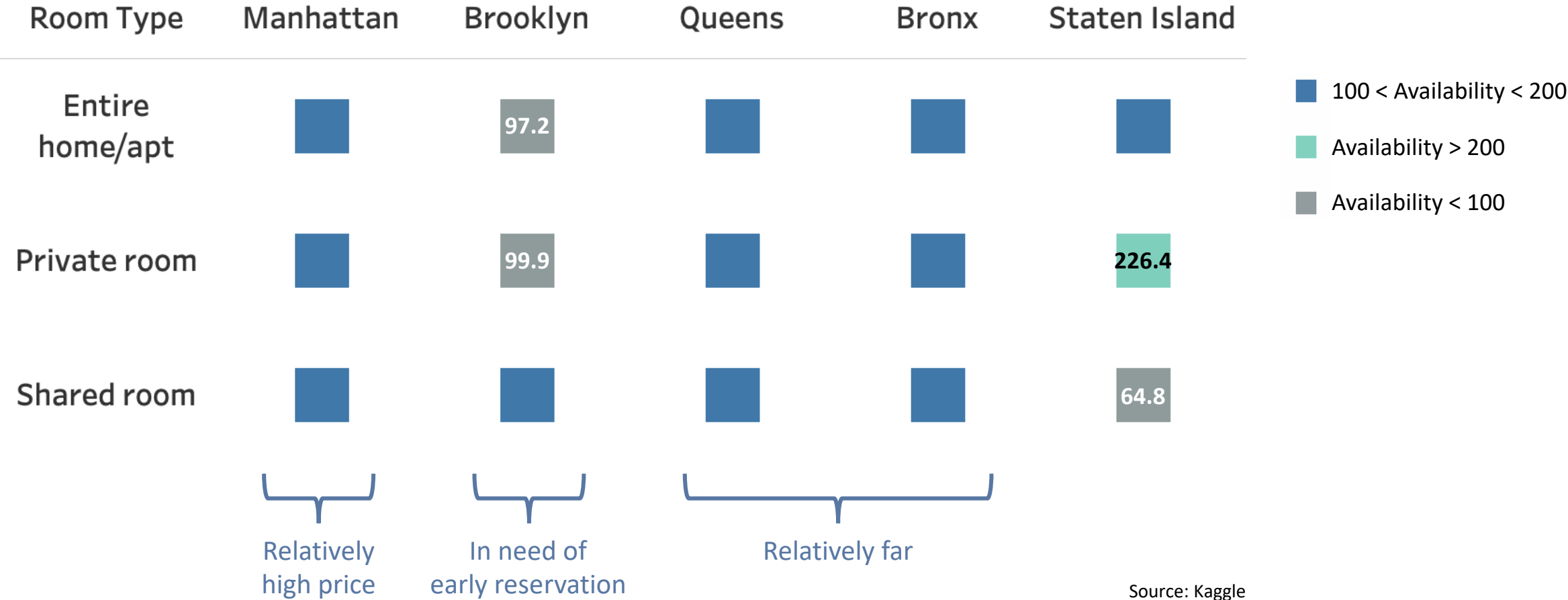
Factors That Need To Be Considered

LOCATION
· Latitude
· Longitude
· Neighborhood

POPULARITY
· Review Per Month

PRICE
· Minimum Price
· Average Price

AVAILABILITY
· Availability 365

Thank you for listening !