

# **Wireframe Document**

## **New York Airbnb Analysis**



**Revision Number - 1.2**

**Last Date of Revision - 15/05/2025**

**Shubham tembhurne**

## Document Control

Date	Version	Description	Author
02/05/2025	1.0	Introduction, Problem Statement	Shubham tembhurne
02/05/2025	1.1	Dataset Information, Vi Architecture Description	Shubham tembhurne
02/05/2025	1.2	Final Revision	Shubham tembhurne

**We Performed Exploratory Data Analysis on excel and then created a Tableau Desktop Dashboard.**

## **1. In which Neighborhood group there is maximum number of properties listed?**



- Manhattan has the maximum number of properties listed followed by Brooklyn over 2,77,073 by Manhattan and 45,925 by Brooklyn.

## 2. Which host has maximum number of properties listed?

Host Name	Price	Availability	Reviews	Listings
Sonder (NYC)	\$82,795	98,588	1,281	106,929
Blueground	\$70,331	58,884	29	53,824
Kara	\$36,723	39,273	324	14,679
Kazuya	\$4,514	20,237	87	10,609
Sonder	\$20,451	26,555	43	9,216
Jeremy and Lau..	\$20,060	28,063	138	9,216
Corporate Hou..	\$13,308	22,015	417	8,281
Ken	\$24,258	32,244	881	7,645
Pranjal	\$18,865	21,972	1	4,225
Mike	\$29,355	30,498	4,039	2,910
John	\$41,892	40,249	7,223	2,792
Vida	\$7,908	15,512	282	2,705
Stanley	\$10,839	20,517	219	2,542
Ruchi	\$12,199	17,380	12	2,402
Red Awning	\$35,294	10,796	127	2,401
Stat	\$2,070	12,471	52	1,849
Melissa	\$16,583	27,049	2,795	1,594
Host	\$7,440	10,598	335	1,521
Nina	\$11,579	27,313	1,072	1,426
Hiroki	\$1,330	456	22	1,369
Juliana	\$7,366	10,904	470	1,181
Yaacov	\$7,180	10,565	123	1,089
Rated	\$7,273	11,353	3	1,089
Anting	\$5,529	8,705	32	1,089
Michael	\$66,895	38,888	11,081	1,043
Eyal	\$2,388	10,283	233	1,028
Jeniffer	\$4,313	9,750	144	965
CRNY Monthly ..	\$5,676	4,588	72	961
Gabriel	\$13,026	11,987	780	946
Max	\$14,606	15,338	1,506	917
David	\$65,844	44,171	8,103	907
Anthony	\$18,065	18,968	3,877	858
AFI Apartments	\$3,537	8,437	100	841
The Box House ..	\$6,962	1,813	935	784
Emily	\$24,130	12,991	1,887	782
Adam	\$23,404	13,147	2,380	683
Zach	\$5,486	8,924	597	667
Sergii	\$4,596	28,852	129	651
Kyle	\$10,941	8,842	1,352	591
Yuval	\$1,706	6,185	366	538
Benjamin	\$12,645	10,534	1,688	502
Alex	\$52,563	30,031	6,204	475
Erin	\$22,306	9,287	1,390	470
Jessica	\$50,697	21,520	4,074	453
Laura	\$24,683	15,059	2,992	434

- Sonder NYC Has the maximum number of properties listed followed by blue ground. which Have 106,929 listings highest amongst all.

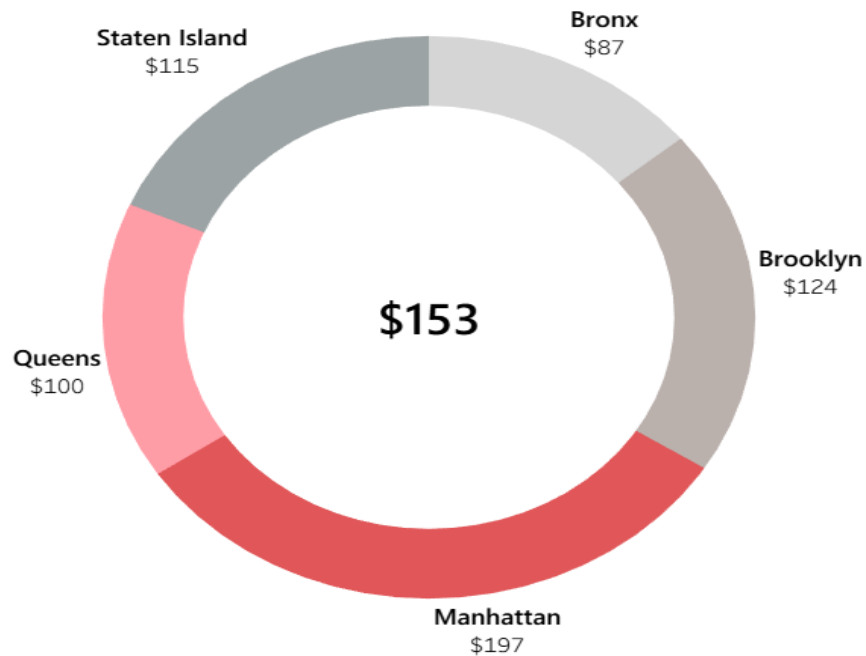
### 3. Which host has maximum properties listed in neighborhood groups having maximum properties listed?

Host Name	Bronx	Brooklyn	Manhatt..	Queens	Staten Isl..
Sonder (NYC)			1,06,929		
Blueground		464	53,360		
Kara		8	14,669	2	
Kazuya		618	1,854	8,137	
Sonder			9,216		
Jeremy and Lau..			9,216		
Corporate Hou..			8,281		
Ken		108	7,500	37	
Pranjal			4,225		
Mike	2	66	2,824	18	
John	3	370	2,340	74	5
Vida		2,705			
Stanley		35	2,506	1	
Ruchi			2,402		
Red Awning			2,401		
Stat		1,505		344	
Melissa	1	1,523	51	19	
Host			1,521		
Nina		1,062	249	66	49
Hiroki	37	74	185	1,073	
Juliana		10	1,170	1	
Yaacov			1,089		
Rated			1,089		
Anting		759	297	33	
Michael	5	225	756	53	4
Eyal		1	1,027		
Jeniffer			961	4	
CRNY Monthly ..		31	930		
Gabriel	1	26	915	4	
Max	1	49	830	37	
David	4	184	558	155	6
Anthony	1	608	244	4	1
AFI Apartments			841		
The Box House ..		784			
Emily	1	75	689	17	
Adam	1	55	617	10	
Zach		645	20	2	
Sergii		521	94	36	
Kyle		32	557	2	
Yuval		5	4	529	
Benjamin	1	475	23	3	
Alex	4	264	182	16	9
Erin		42	426	2	
Jessica	1	237	154	57	4
Laura	1	99	318	16	

- The host which has the maximum properties listed is Sonder (NYC) in Manhattan followed by blue ground.

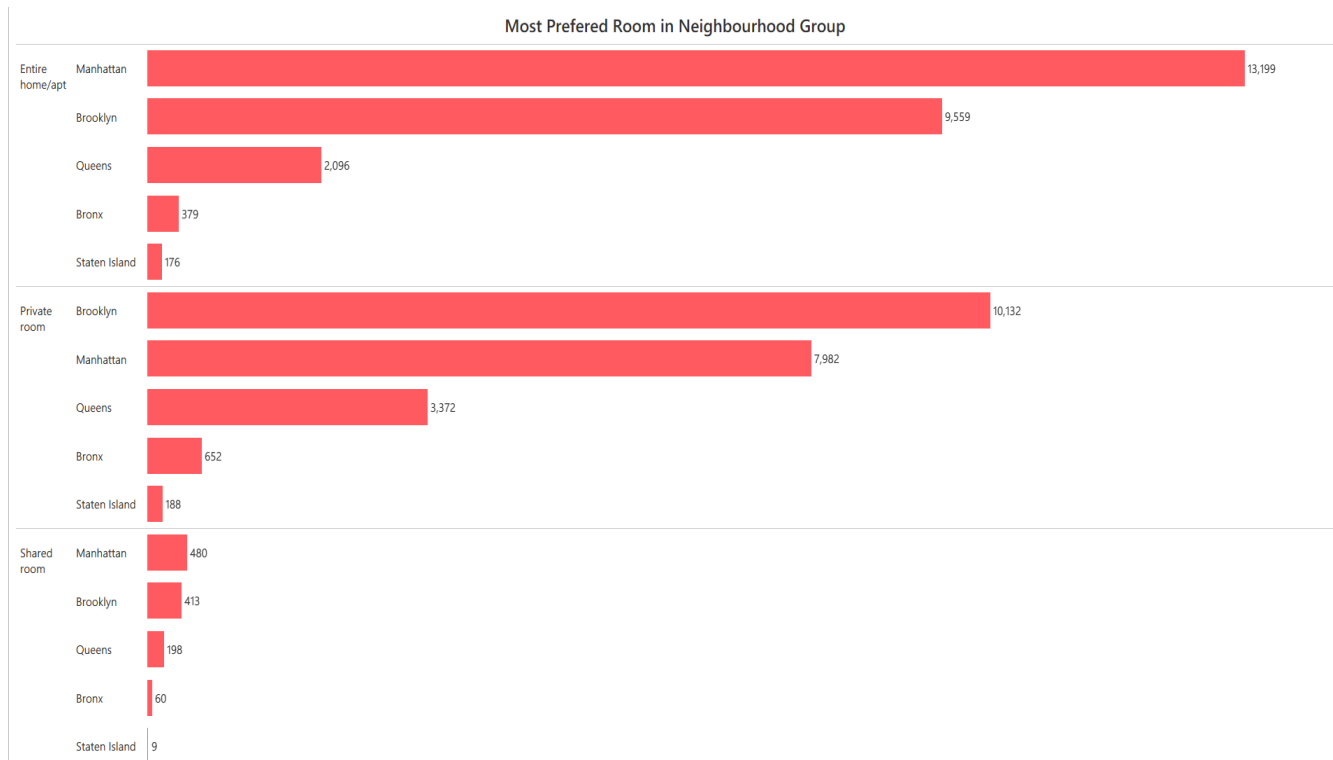
#### 4. What is the average price in different properties listed?

Price Difference in Different Properties



- The average price in Manhattan is \$197 which is highest, then followed by Brooklyn \$124, Staten Island \$115, Queens \$100 and Bronx \$87 which is lowest amongst all.

## 5. What is the most preferred room type in every neighborhood groups?



- Entire home/apt is most common in Manhattan and Brooklyn, while private rooms are also popular.

## 6. Total availability of properties having different room type?



- Entire home/apt have the highest number of available properties across.

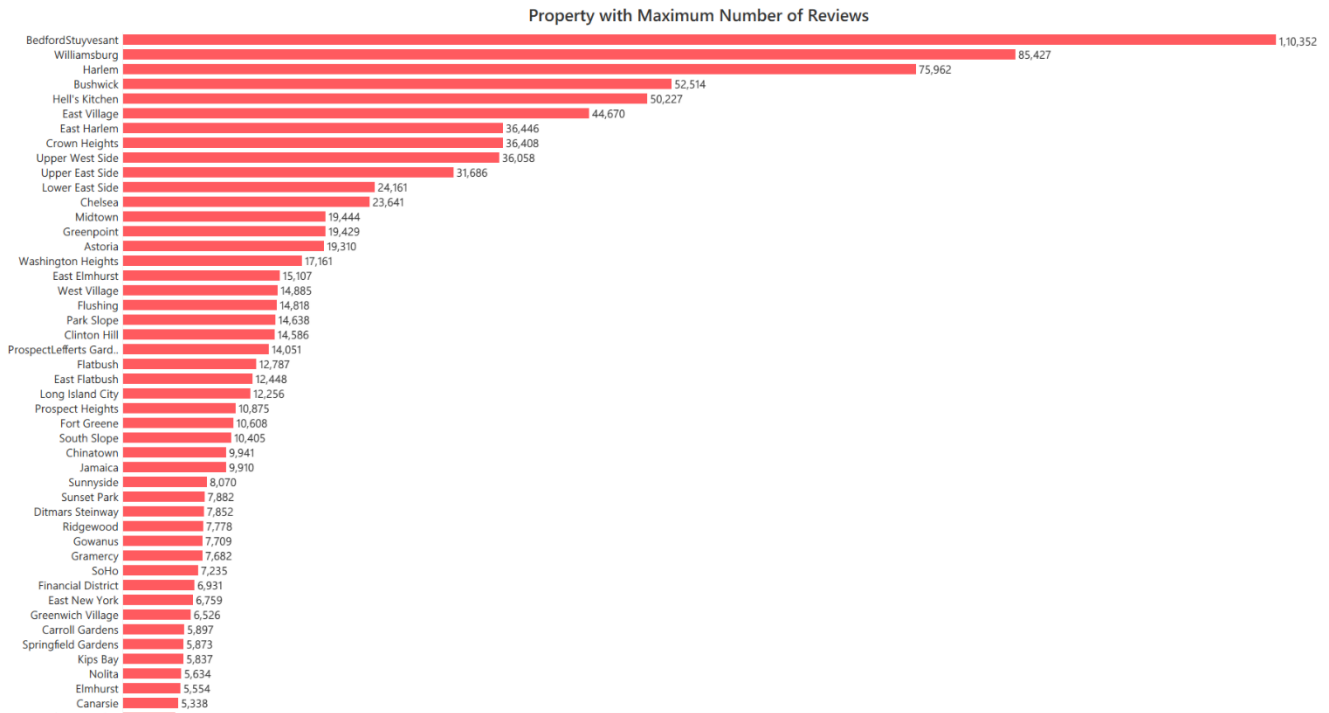


## 7. Which one is the busiest host?

Host Name	Price	Availability	Reviews	Listings
Michael	\$66,895	38,888	11,081	1,043
David	\$65,844	44,171	8,103	907
John	\$41,892	40,249	7,223	2,792
Jason	\$19,381	19,338	6,522	312
Alex	\$52,563	30,031	6,204	475
Chris	\$26,948	18,056	5,028	228
Anna	\$27,003	20,580	4,799	269
Eric	\$20,032	11,284	4,733	175
Daniel	\$33,046	17,015	4,723	276
Sarah	\$29,378	12,183	4,579	309
Kevin	\$35,552	10,001	4,549	205
Michelle	\$19,949	14,017	4,417	208
Maria	\$24,328	24,920	4,405	338
Andrew	\$33,694	14,832	4,150	264
Jessica	\$50,697	21,520	4,074	453
Mike	\$29,355	30,498	4,039	2,910
Maya	\$5,758	5,140	3,938	78
Anthony	\$18,065	18,968	3,877	858
Amy	\$32,429	12,434	3,810	376
Robert	\$17,454	10,065	3,781	154
Mark	\$27,669	19,637	3,780	237
Brian	\$24,466	11,934	3,705	220
James	\$33,398	13,184	3,645	201
Danielle	\$9,828	7,488	3,484	110

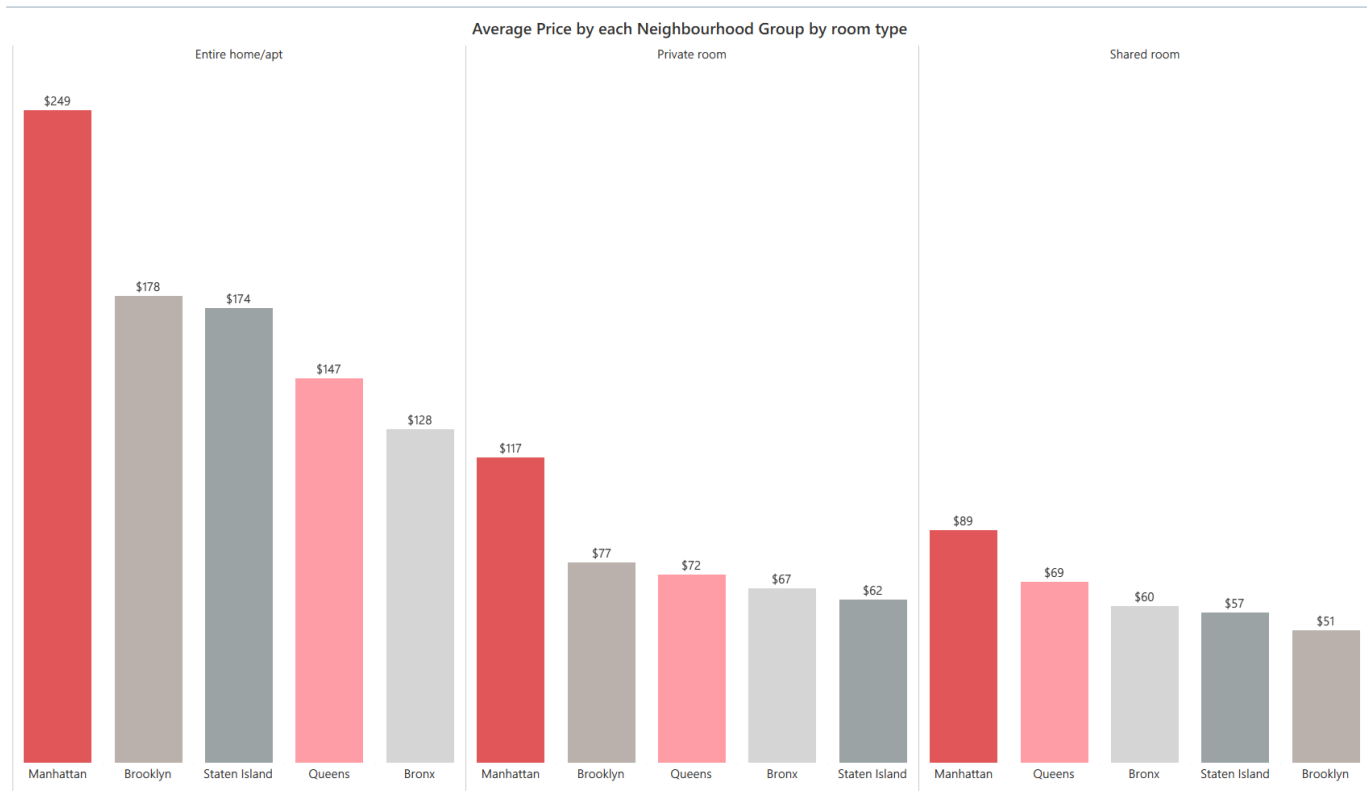
- Michael is the busiest host which has given almost 11081 reviews.

## 8. Which property has maximum number of reviews?



- Bedford Stuyvesant has the maximum numbers of reviews almost 1,10,352.

## 9. What is the average price in each neighborhood group by room type?



- Entire home /apt is the most expensive in the Manhattan neighborhood group the average price is \$249 while Bronx is lowest with \$128
- Private room is also expensive in the Manhattan neighborhood group the average price is \$117 while Staten Island is the lowest with \$62
- Shared room is cheap but highest in the Manhattan neighborhood group the average price is \$89 While Brooklyn is the lowest with \$51.