

Airbnb NYC Data Visualization Project

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Project Objectives

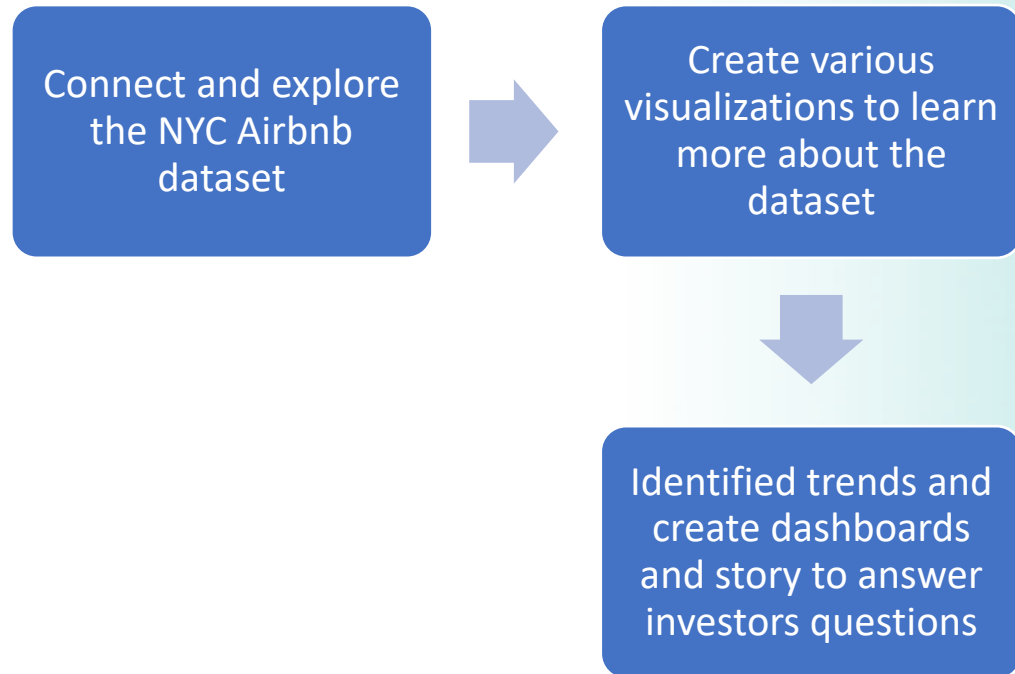


To analyze the NYC Airbnb dataset, create visualizations and find interesting trends

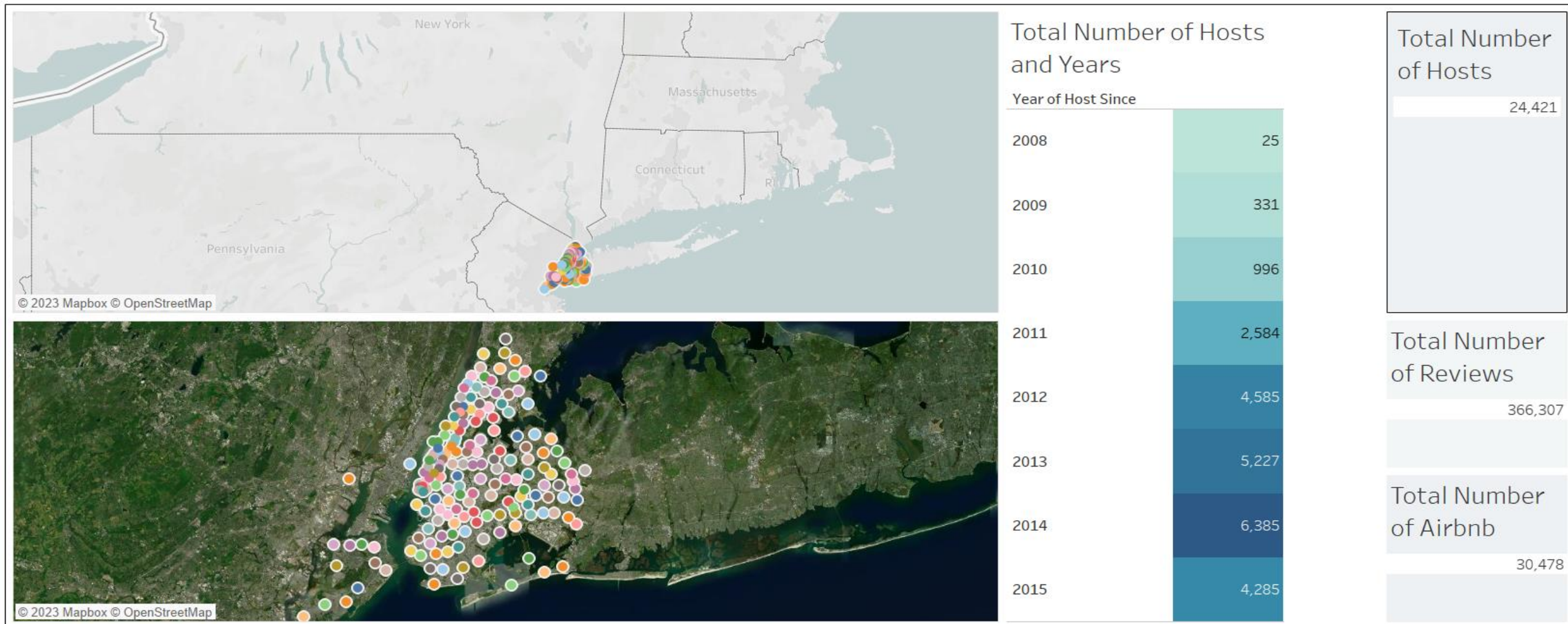


Create a story to advise potential investors on the most priced and in demand type of Airbnb and their corresponding neighborhood.

Project Execution



Want to Open an AirBnB in NYC?

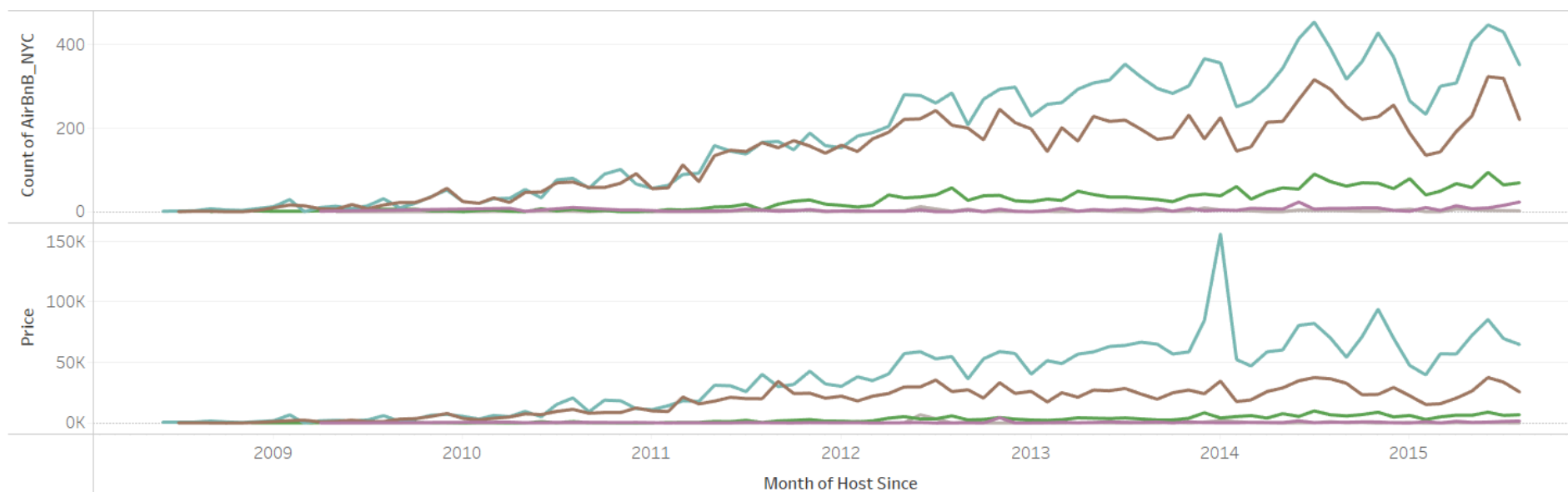


Neighbourh..	2008	2009	2010	2011	2012	2013	2014	2015
Bronx		84	2,686	2,149	6,209	6,425	7,795	7,310
Brooklyn	1,276	32,342	89,200	240,438	313,831	292,338	344,612	197,699
Manhattan	4,685	41,963	130,084	326,633	573,652	715,492	896,314	493,292
Queens	473	2,211	4,867	15,590	40,220	45,260	76,915	49,604
Staten Island		139	511	1,988	10,145	3,233	6,085	1,928

Neighbourhood

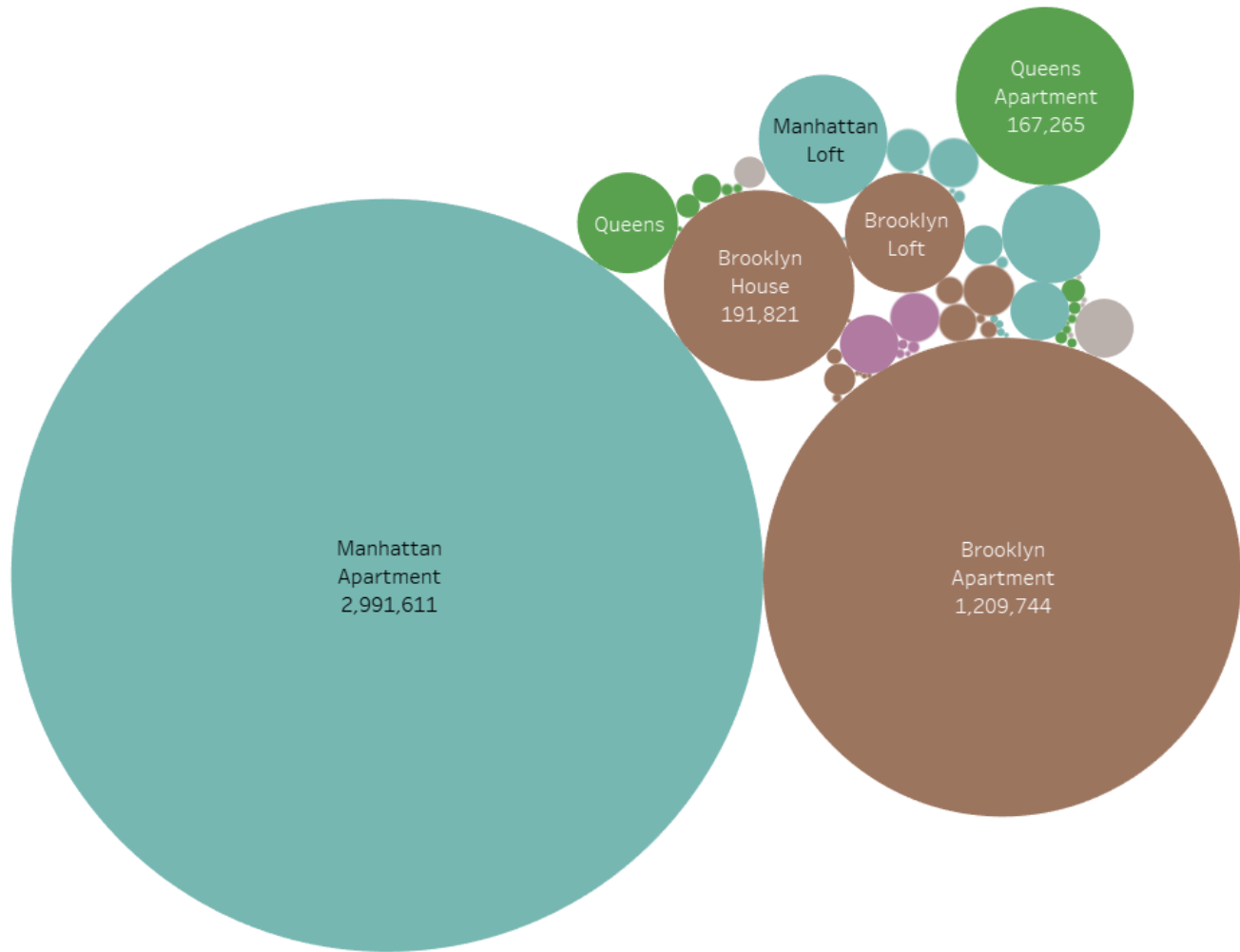
- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island

Price and Counts of Airbnb since 2009 per Neighbourhood



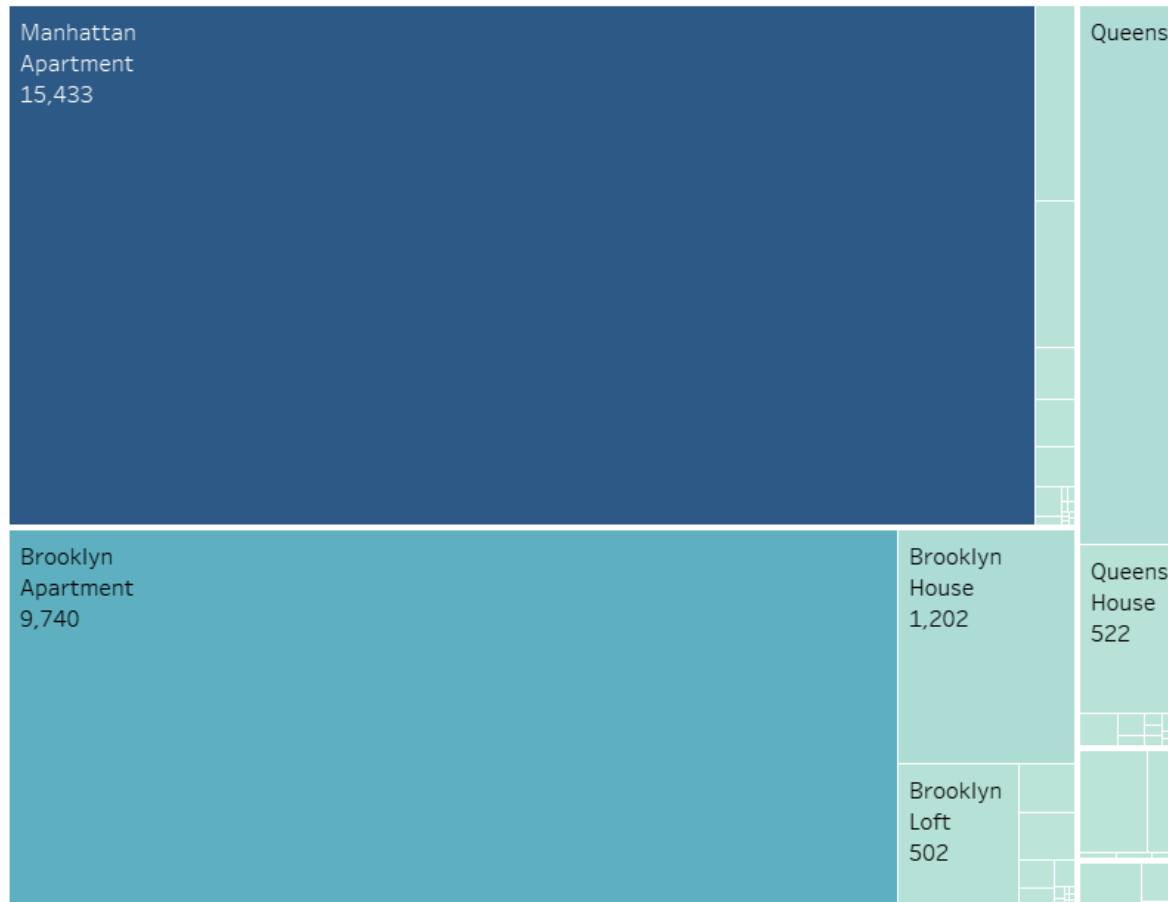
Let's see the stats!

Popular Neighborhood and total price

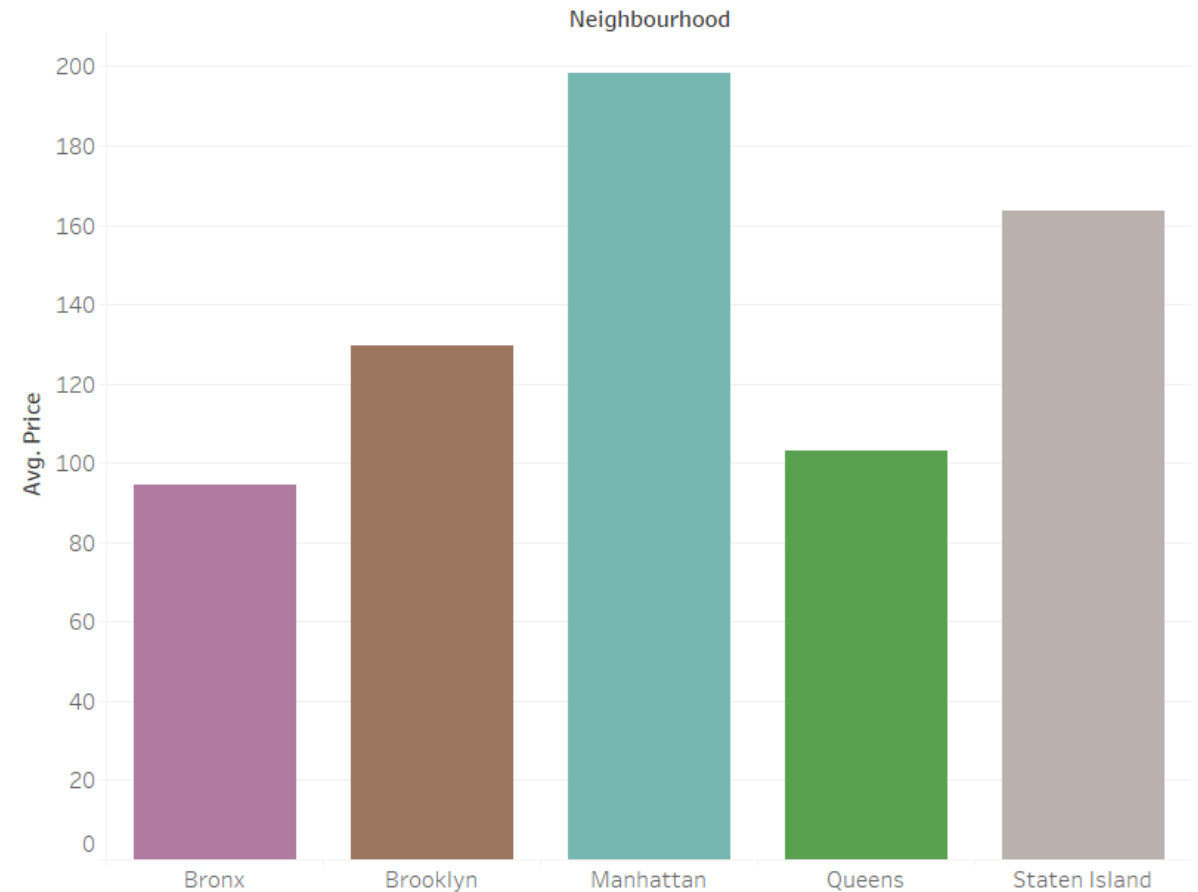


More details on popular properties and Neighbourhoods

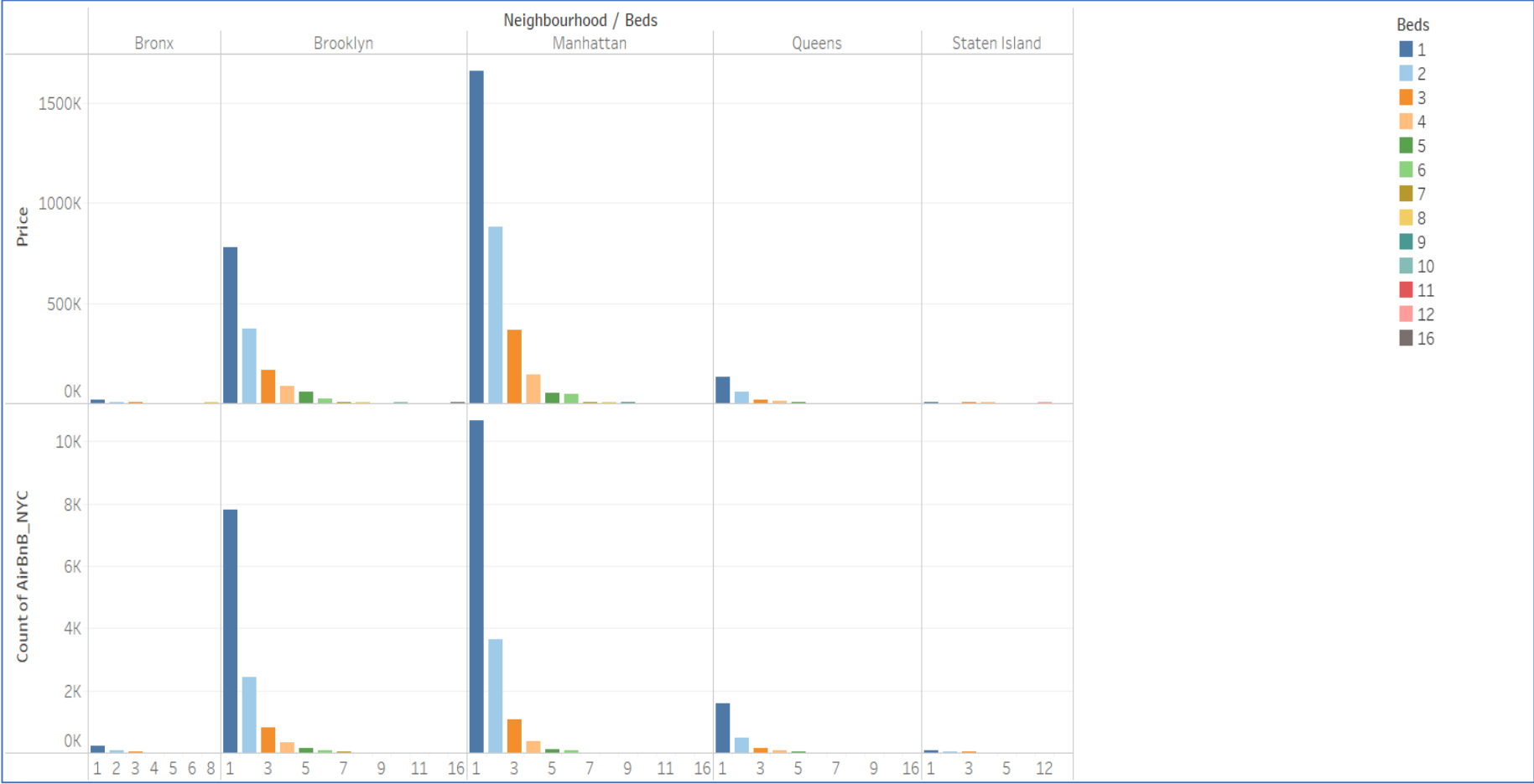
Property Types and Numbers



AVG Price per Neighbourhood

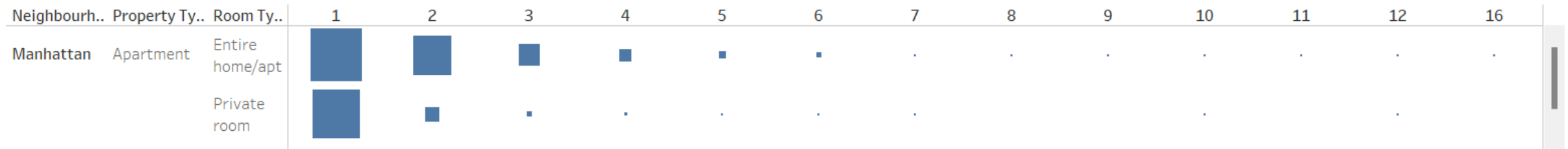


How many bedrooms?

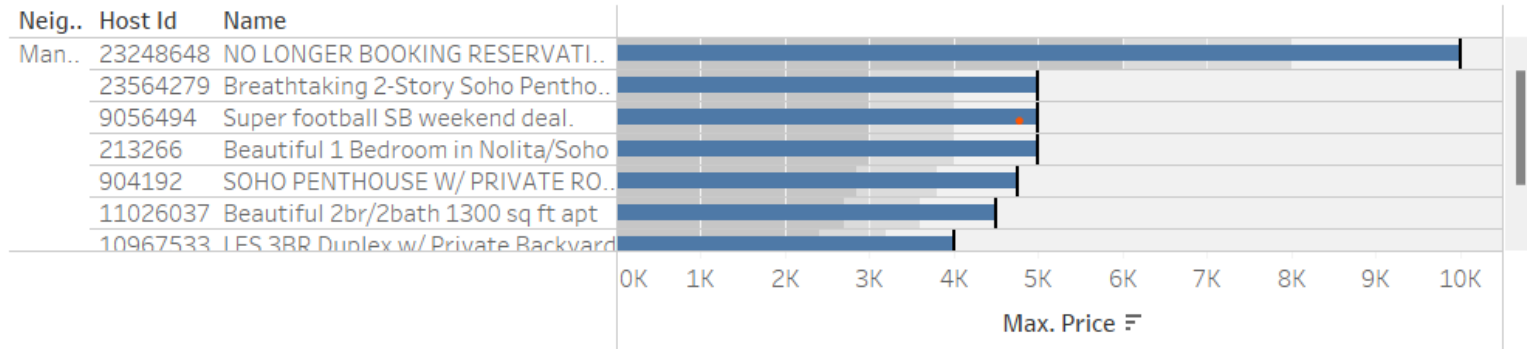


Let's explore Manhattan

Most in Demand Airbnb Types in Manhattan



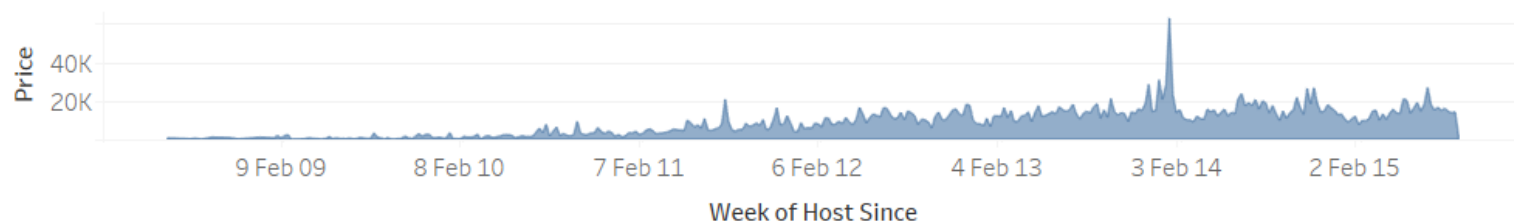
Top 10 Expensive Apartments in Manhattan



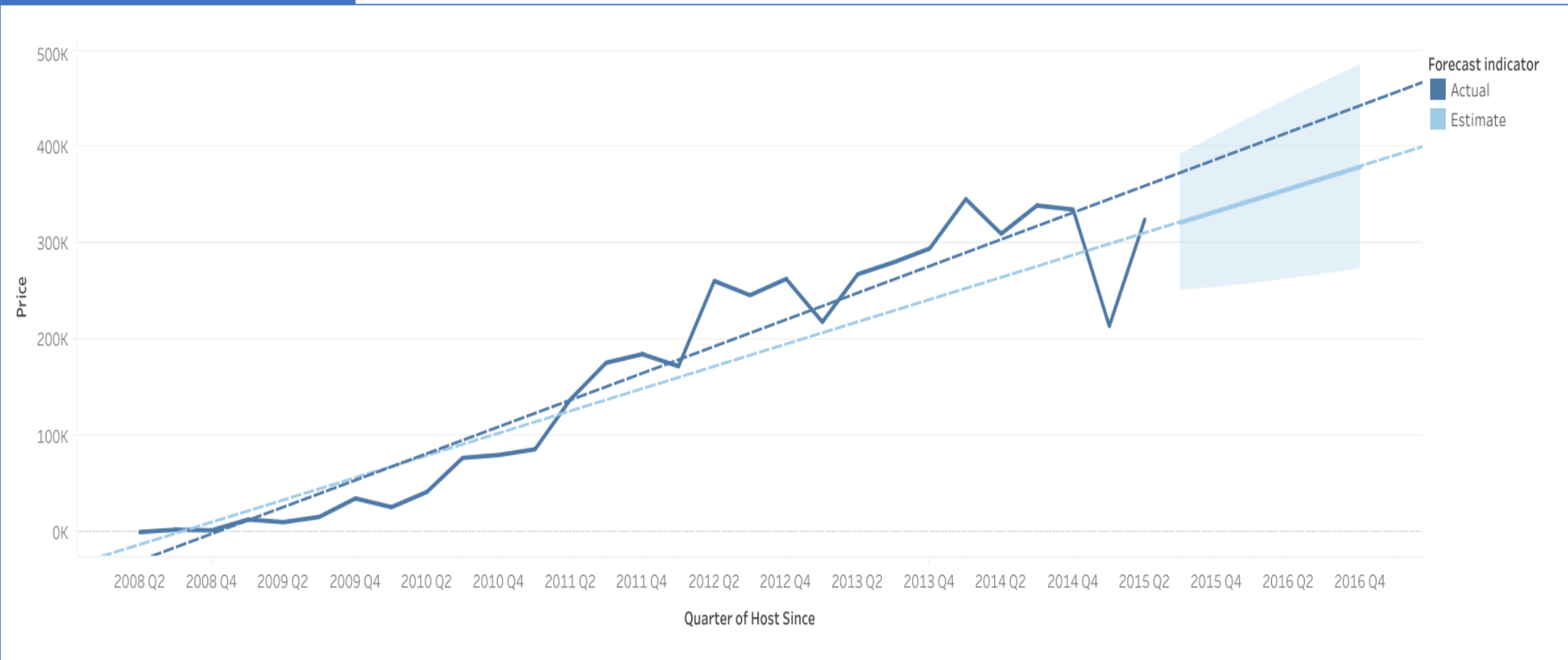
Manhattan Top Five Rated Airbnb



Manhattan Price Over the Years



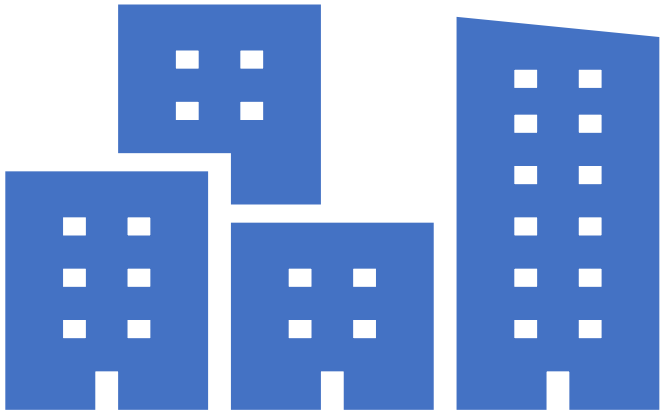
Forecast - General



Forecast – Per Neighborhood



Conclusion



Manhattan is the most in demand neighborhood and further analysis showed that the 1-bedroom Apartment are more popular and the most highly priced.



The forecast indicated an increasing trend in price of Airbnb with specific emphasis in Manhattan.