

## **Ask**

The questions asked in this analysis are:

- Where are the most expensive places to stay in New York?
- What is the distribution of Neighborhoods?
- What are the most used words in the NAME column?

## **Prepare**

This dataset is found on [Kaggle](#). The dataset is a part of the Airbnb inside initiative and describes the activity of homestays in NYC. I used Tableau and the Jupyter notebook in Google Collaboratory to analyze the project. The Tableau notebook can be found [here](#).

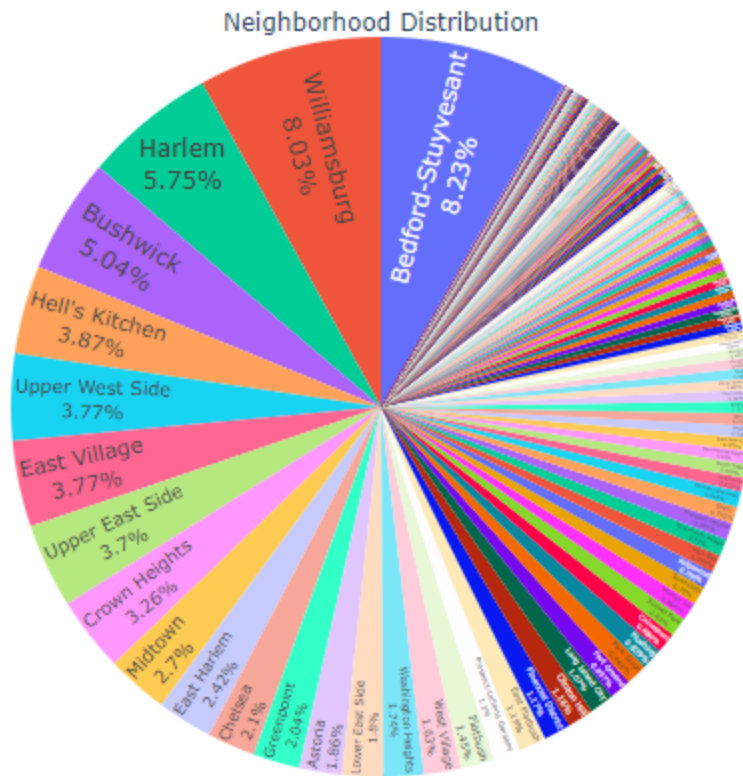
## **Process**

To answer the first question I decided to make a dashboard. For the first sheet, I used the latitude and longitude to make the map in Tableau. Then I used the Neighborhood group as markers for the color. That divided the map into five different areas by color so it would be easier to distinguish. In the second sheet, I made a price histogram. With the price measure. Then I created a dashboard. I put both sheets in a dashboard and activated both of them as filters so I can see the price variation in a neighborhood group or where certain prices are.

## **Analyze**

To answer the first question, I found that there is no one neighborhood that contains all the expensive places to stay. However, most of the expensive places are in Brooklyn and Manhattan. Staten Island only has one expensive homestay.

In the dataset, there is a column called Neighbourhoods and Neighbourhood groups. For the second question, I analyzed the neighborhood, not neighborhood groups like the first question. There was a high distribution of homestays in Bedford-Stuyvesant with 8.23%.



The NAME column was more of a small description column than a name column. Bedroom and room were not a surprise. What surprised me was that Private was the third most used word. This is surprising because most Airbnbs are in their private apartments or houses and they don't have to advertise that but they feel a need to.

