# SUMMARY

Airbnb is an online American marketplace that allows property owners to list their properties on the platform and connect with travellers who are looking for a place to stay. As a data analyst working at Airbnb in Amsterdam. I have analysed the landscape of Airbnb in the city and sharing some insights related to property ratings, price and distribution across city.

Please click on [this](#) for live dashboards

Types of rooms

Airbnb hosts provides homes/apartments, private, shared rooms, and more recently hotel rooms. To visualize, I have put room types in column and count of Airbnb listing in row. I have used neighbourhood to filter. Also, I have put neighbourhood in details and room types in colour to visualize each type of room in different colour.

Observations: There is high demand for entire homes/apartments and least preference to shared room. Privacy is most major comfort so hosts are not giving preference to shared rooms.
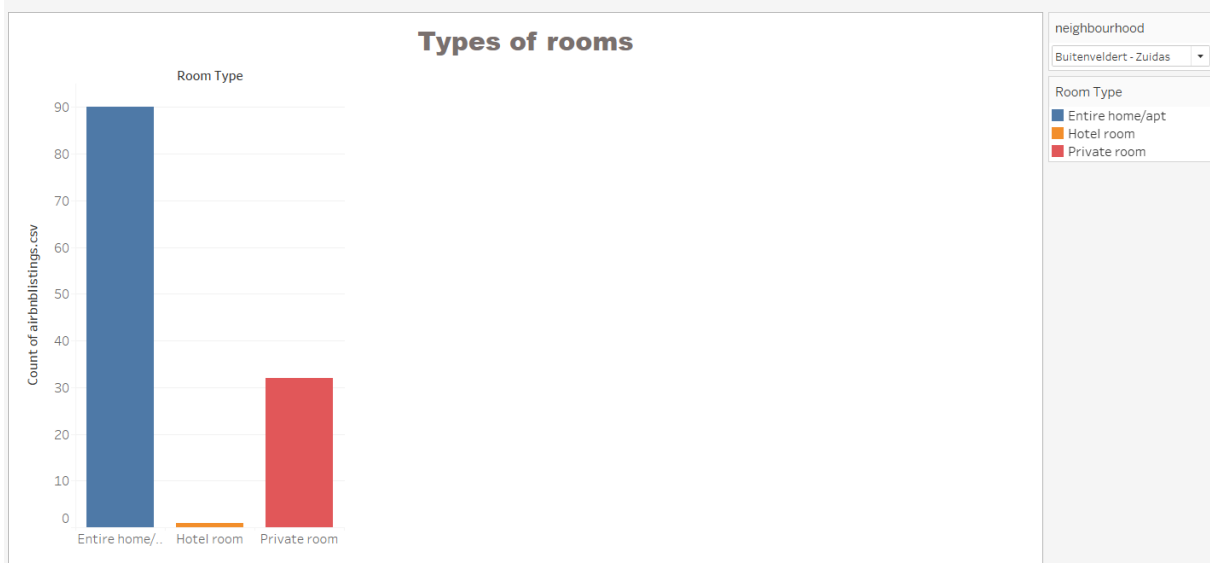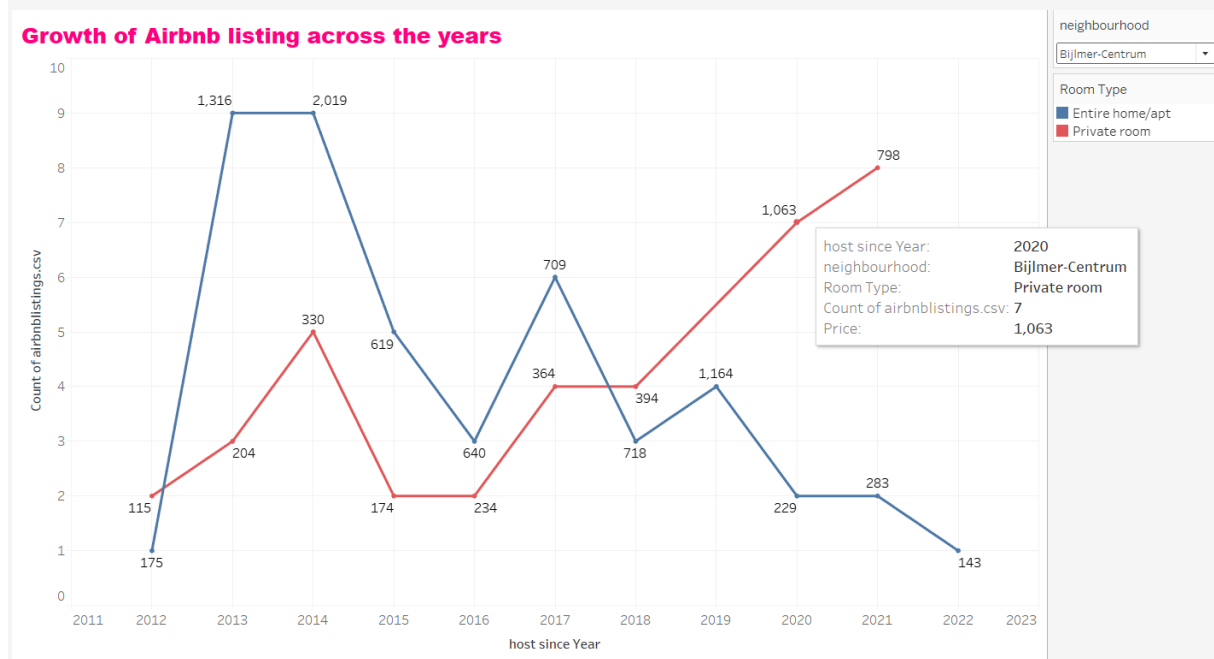
The listings in the chosen neighbourhood

Following map showing the listings in the chosen neighbourhood. For this map I have put average longitude in column and average latitude in row and used neighbourhood to filter result we can select any neighbourhood and see how many listings are present in that neighbourhood.
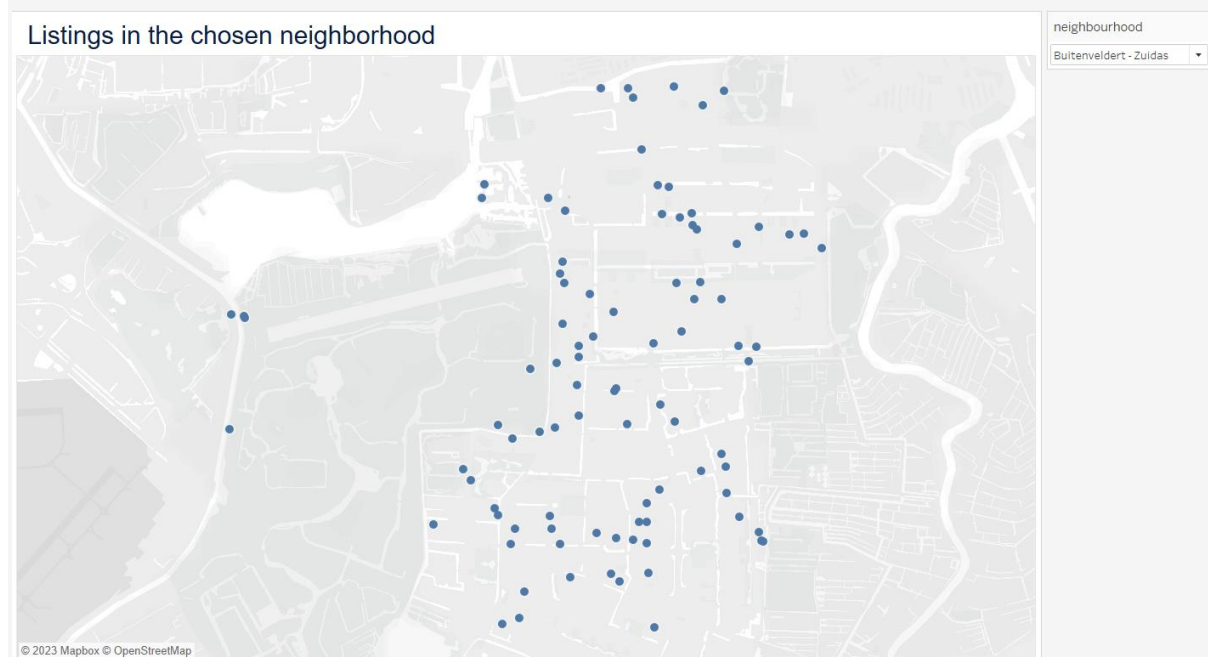
Growth of Airbnb listing across the years

To visualize the growth of listings across the years I have plotted line graph. For that I have put host since year in column and count of Airbnb listing in row. To visualize data I have used neighbourhood in filter and room type in colour to visualize each type of room in different colour.

Overview of top hosts

Following is the chart of displaying the overview of top hosts in the neighbourhood. To visualize this chart I have put count of host Id in size, host name in text and count of host Id in colour. After visualization I got following result.

Observation

David has 34 which is most count of host Id. After that Jeroen has 33 count of host Id.

Price Distribution across different room types

To show the price distribution across different room types I have plotted this bar graph. For plotting I have room type in column and median price in rows. I have used room types in colours and neighbourhood in filter.

Observations

Hotels are more expensive than any other room types. Shared rooms have most cheap price.
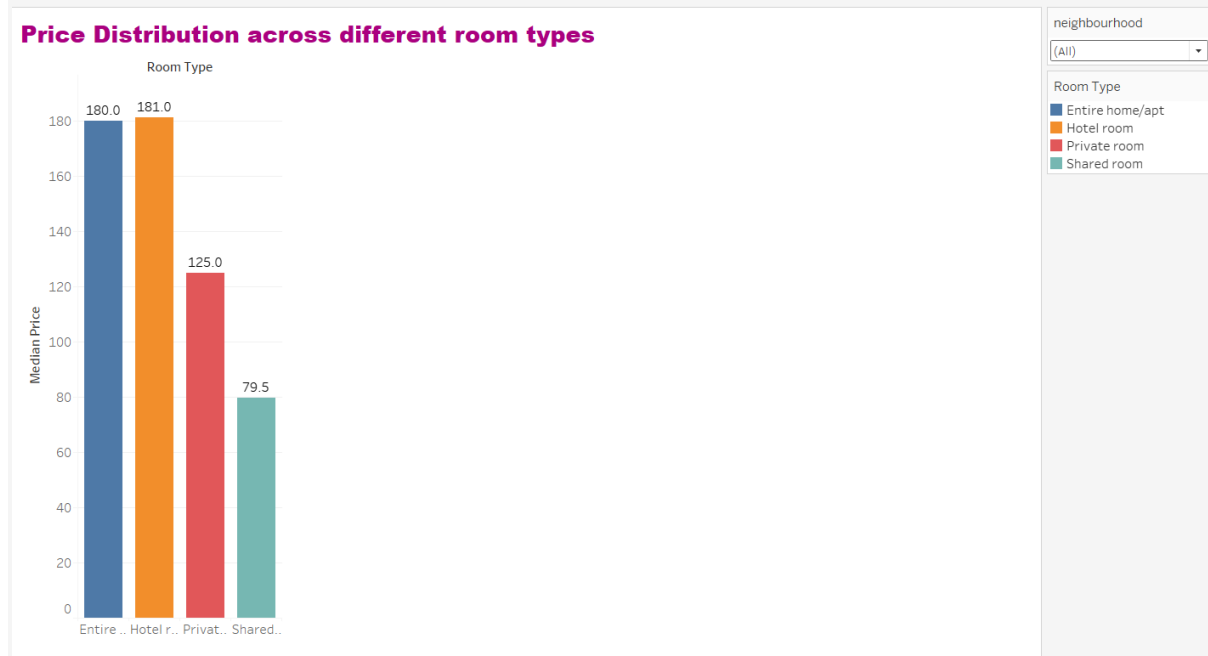
Neighbourhood Summary

To visualize neighbourhood summary I have put count of Airbnb listing, sum of number of reviews, average of review score rating and average price in Text. Used neighbourhood in filter.

Neighbourhood Summary

6,173
Number of listings

3,13,344
The total number of reviews

4.801
Average rating

198.0
Average price

neighbourhood

(All)