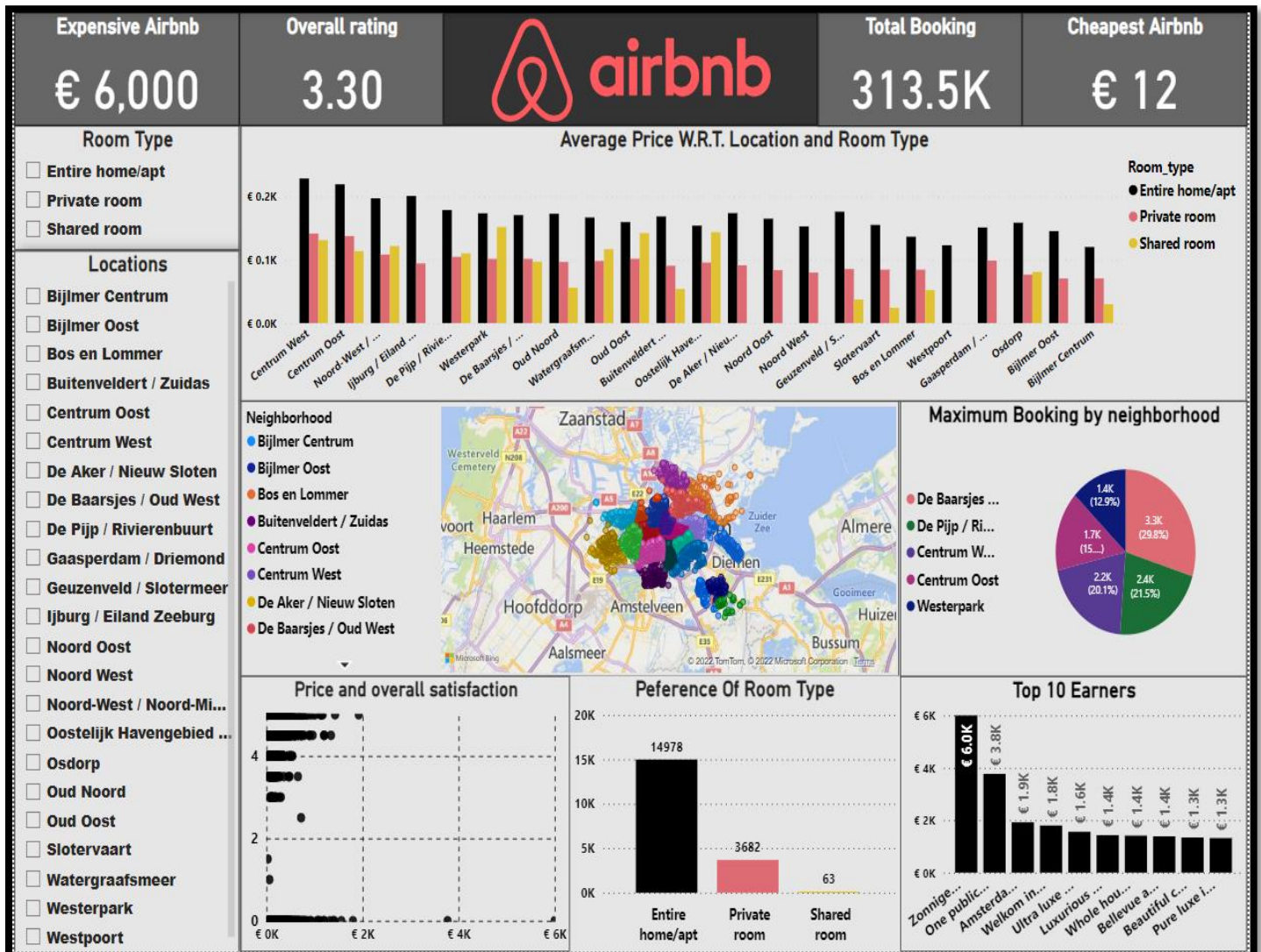# Airbnb Data Analysis

Wireframe Documentation

Homepage

As per the problem statement, we have divided analysis dashboard into seven visualizations:

1. Cards showing a different measures :

Expensive Airbnb	Overall rating	airbnb	Total Booking	Cheapest Airbnb
€ 6,000	3.30		313.5K	€ 12

Expensive Airbnb : In a city or a particular location the most   expensive Airbnb property rates.

Cheapest Airbnb : In a city or a particular location the   cheapest price of Airbnb property .

Overall rating : In a city or a particular location the Airbnb   property has how much average rating given by customers.
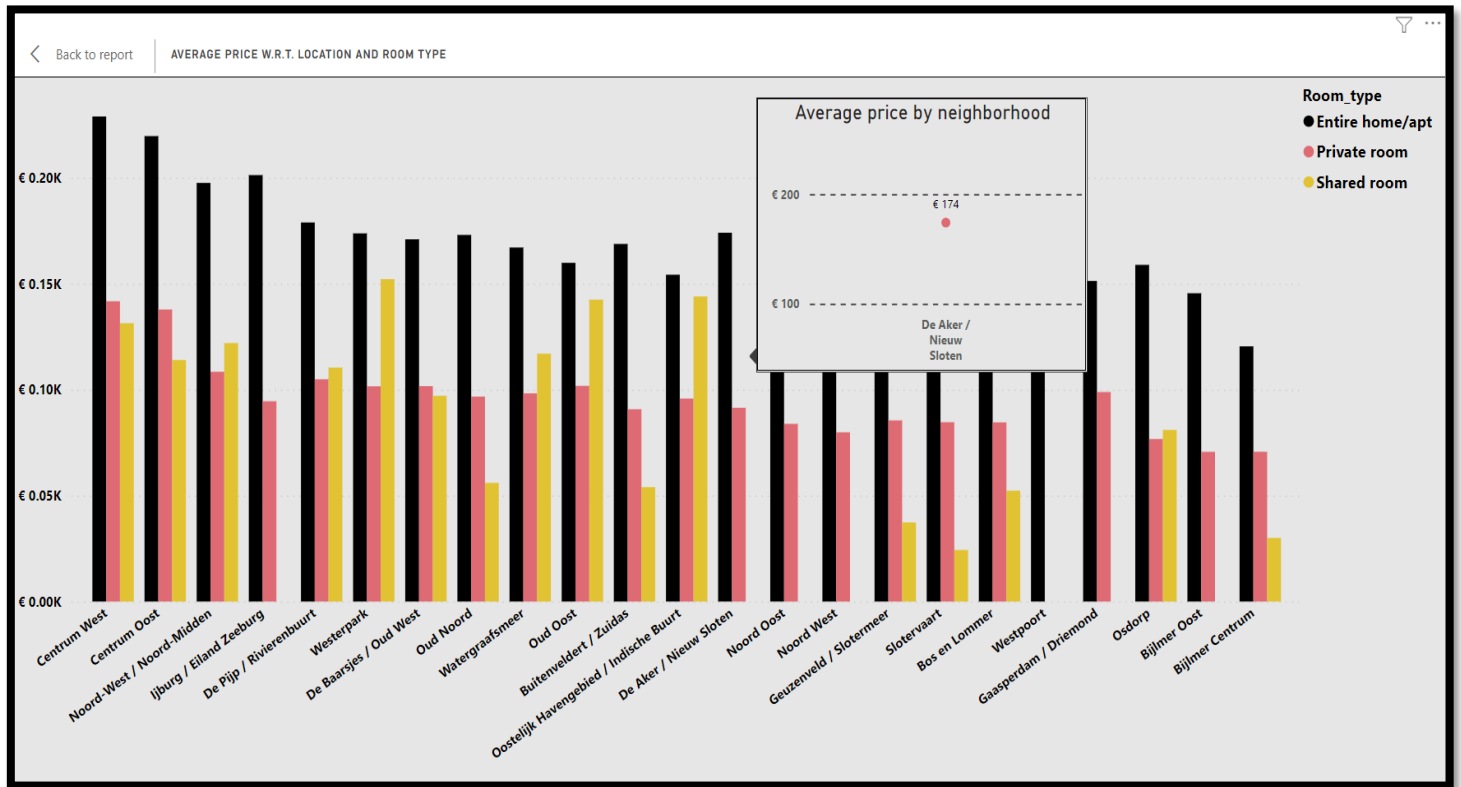
Total Booking : In a city a particular Airbnb property location has number of bookings .

2. Slicers of Room Type and Locations:

☐ Bijlmer Centrum
☐ Bijlmer Oost
☐ Bos en Lommer
☐ Buitenveldert / Zuidas
☐ Centrum Oost
☐ Centrum West
☐ De Aker / Nieuw Sloten
☐ De Baarsjes / Oud West
☐ De Pijp / Rivierenbuurt
☐ Gaasperdam / Driemond
☐ Geuzenveld / Slotermeer
☐ Ijburg / Eiland Zeeburg
☐ Noord Oost
☐ Noord West
☐ Noord-West / Noord-Midden
☐ Oostelijk Havengebied / Indische Buurt
☐ Osdorp
☐ Oud Noord
☐ Oud Oost
☐ Slotervaart
☐ Watergraafsmeer

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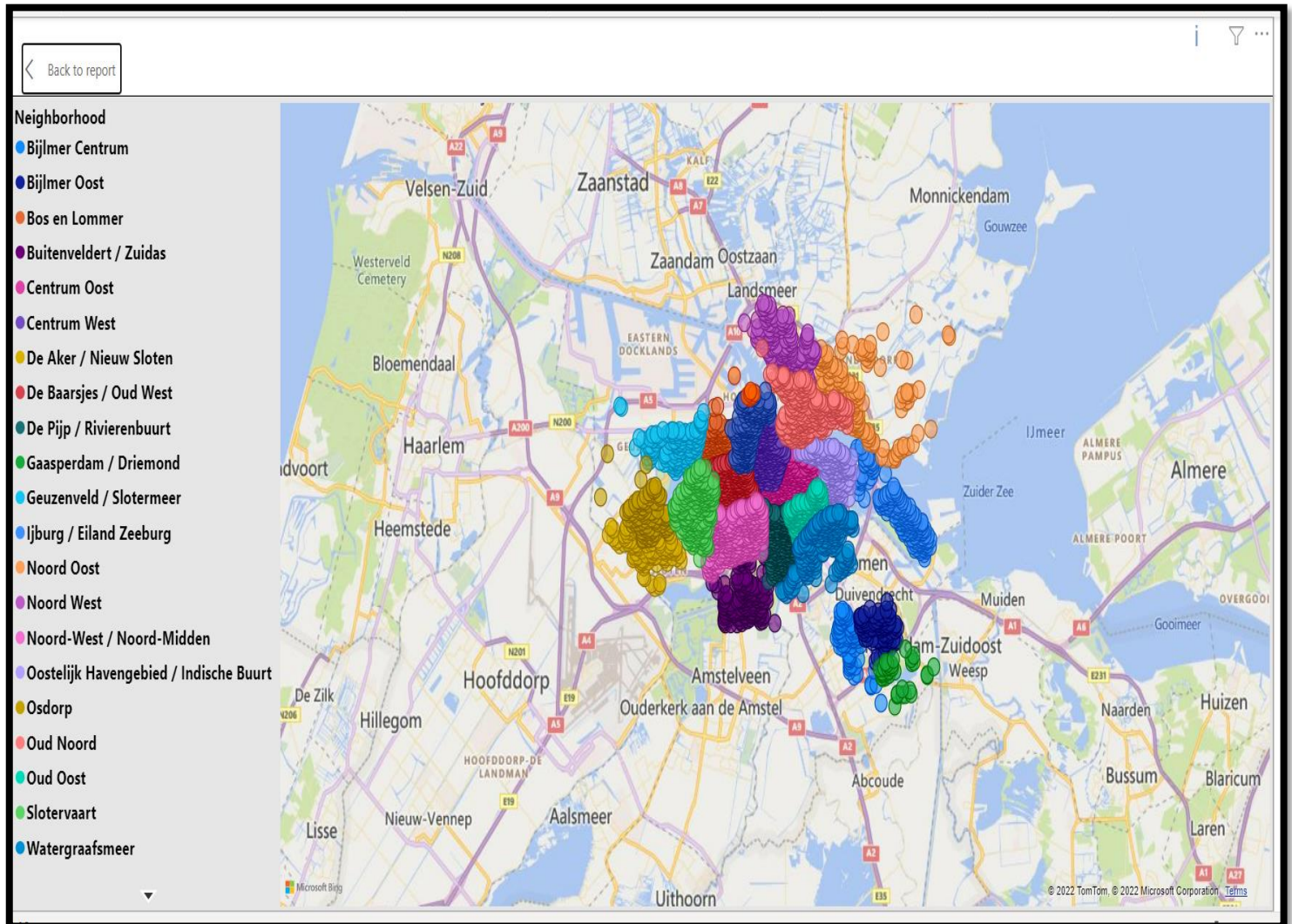☐ Private room
☐ Shared room

3. Average Price With Respect to Location And Room type:

This visualization showing a insides, that the average price of the airbnb property as per the locations and the room type .
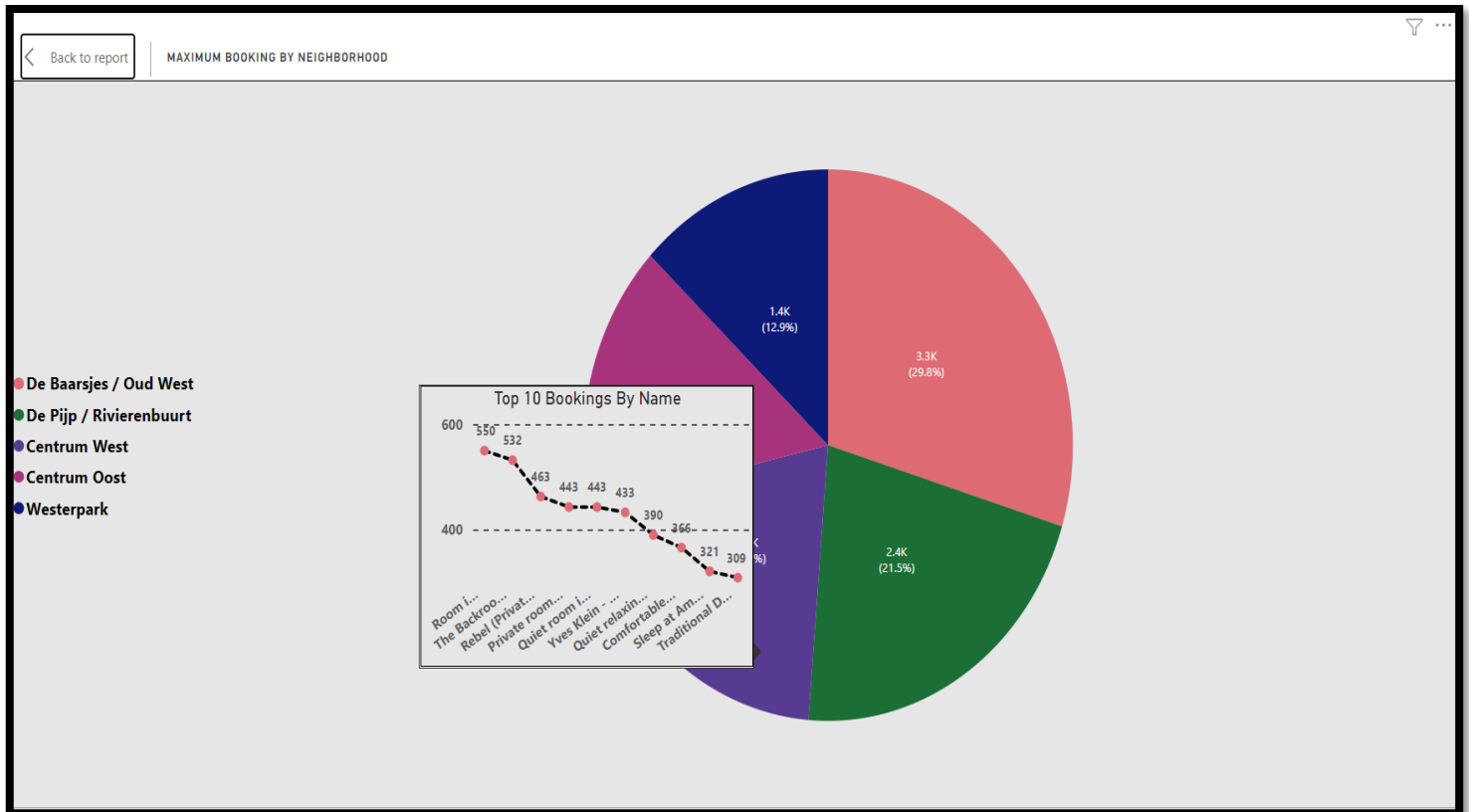
It has also a drill through visualization that only showing the price w.r.t. the neighborhood as a location.

4. Showing Neighborhood Locations on City Map:

A dataset is having a coordinates of a locations as a latitude and longitude, so we can visualize the map on the dashboard.
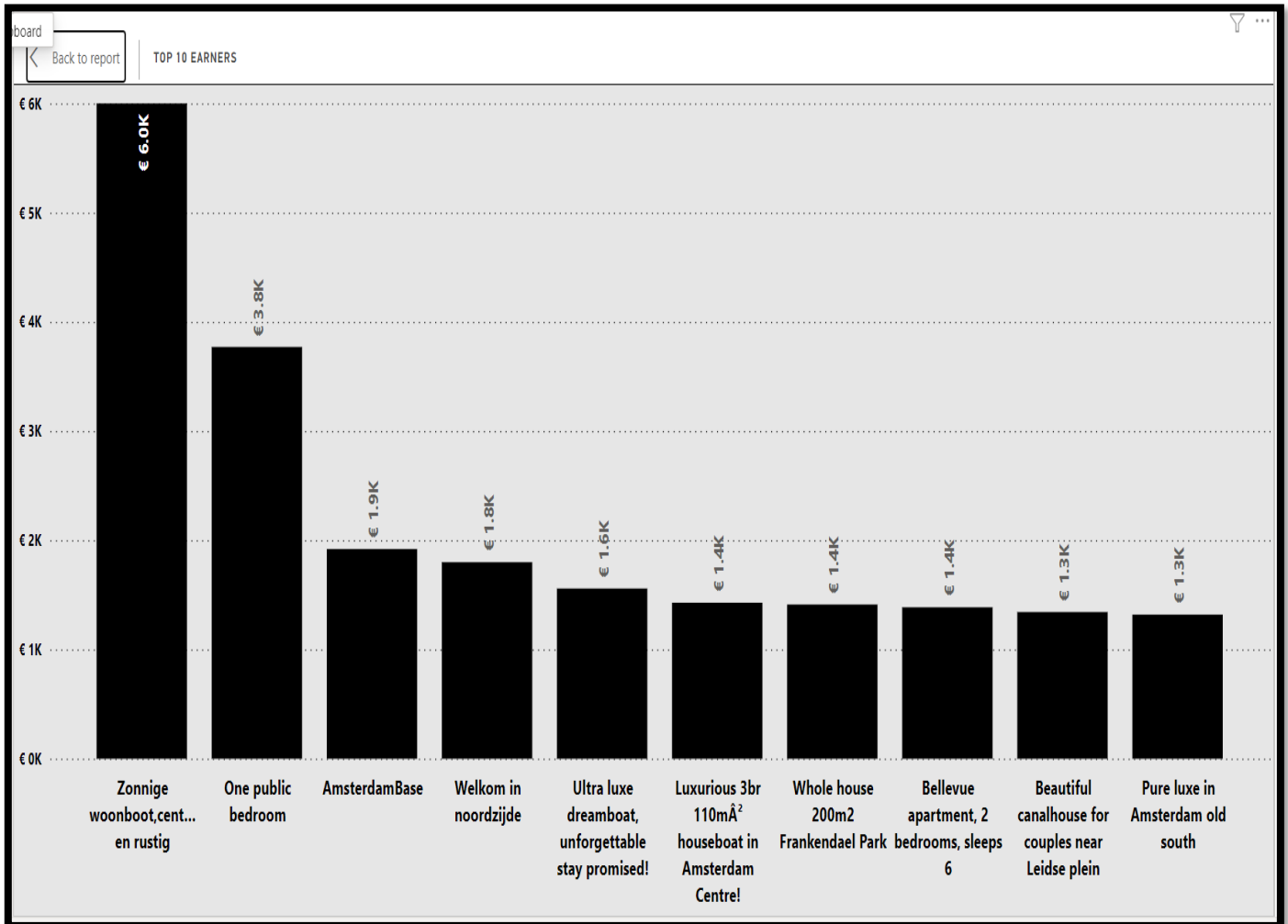
5. Maximum booking by Neighborhood and Name:

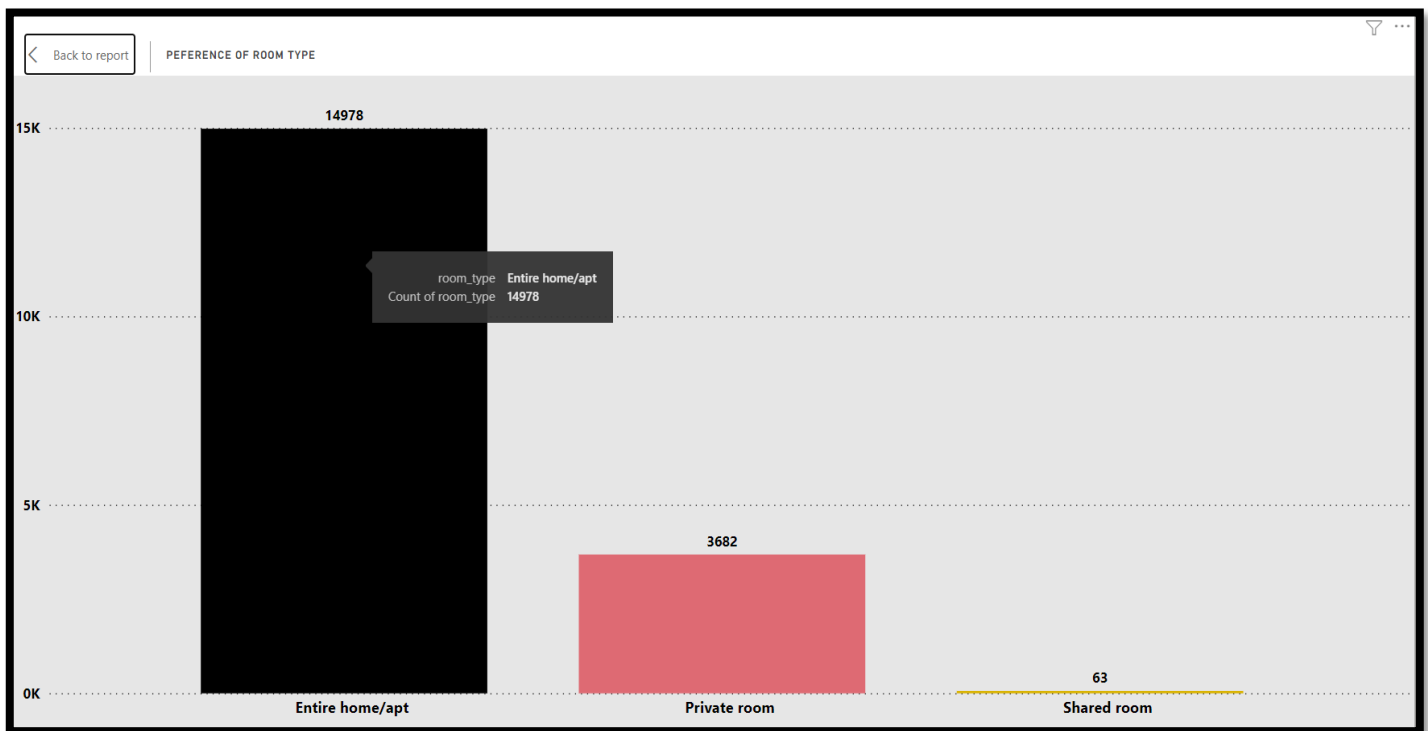Here we can see the pie chart of top 5 booking location or Neighborhood by the count of neighborhoods.

Under this we have drill through of top 10 bookings by Name, this has measured by sum of reviews w.r.t. the names of the propertys.

6. Top 10 Earners:

Top Earners means The Top Propertys of city having a maximum earnings as per the highest average price of bookings by the name of the property.

7. Preference of Room Type:

8. Price By Overall Satisfaction:

Plot showing Overall Satisfaction means ratings given by customers to a property for which they have paid the price is legitimate or not.