AirBNB
Data Analysis

Wireframe Documentation

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Data Analysis

As in step with the problem declaration, we have defined the numerous Use Cases to perform the evaluation on which helps in now not handiest information the significant relationships between attributes but it also allows us to do our own studies and our findings.
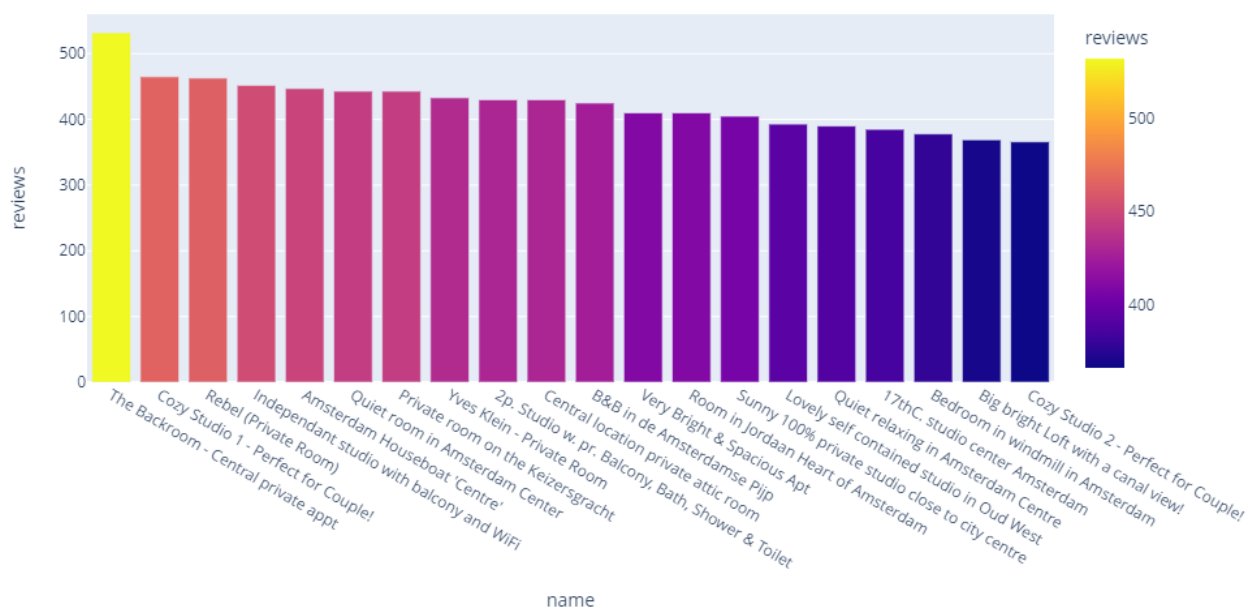
1. **Top Earners (Hosts):**

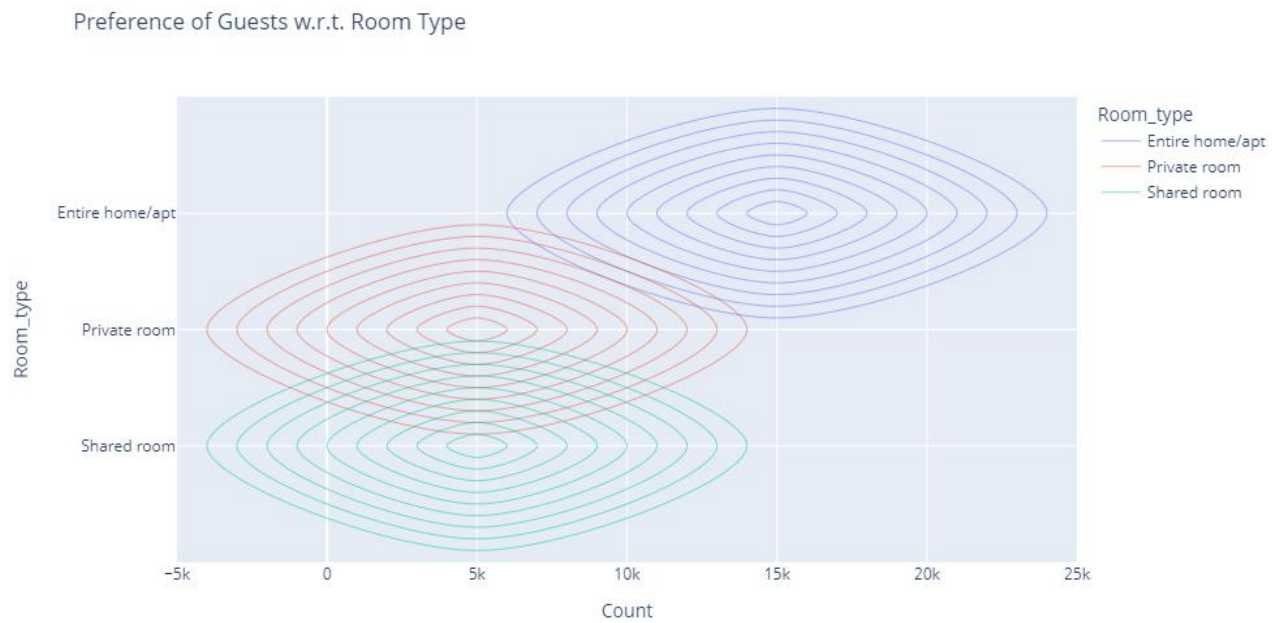In this visual, we tried to interpret the Top 20 Earners in terms of Hosts.

2. **Maximum Number Of Booking:**

In this section, we analyses the data and tried to interpret the followings - I.e.
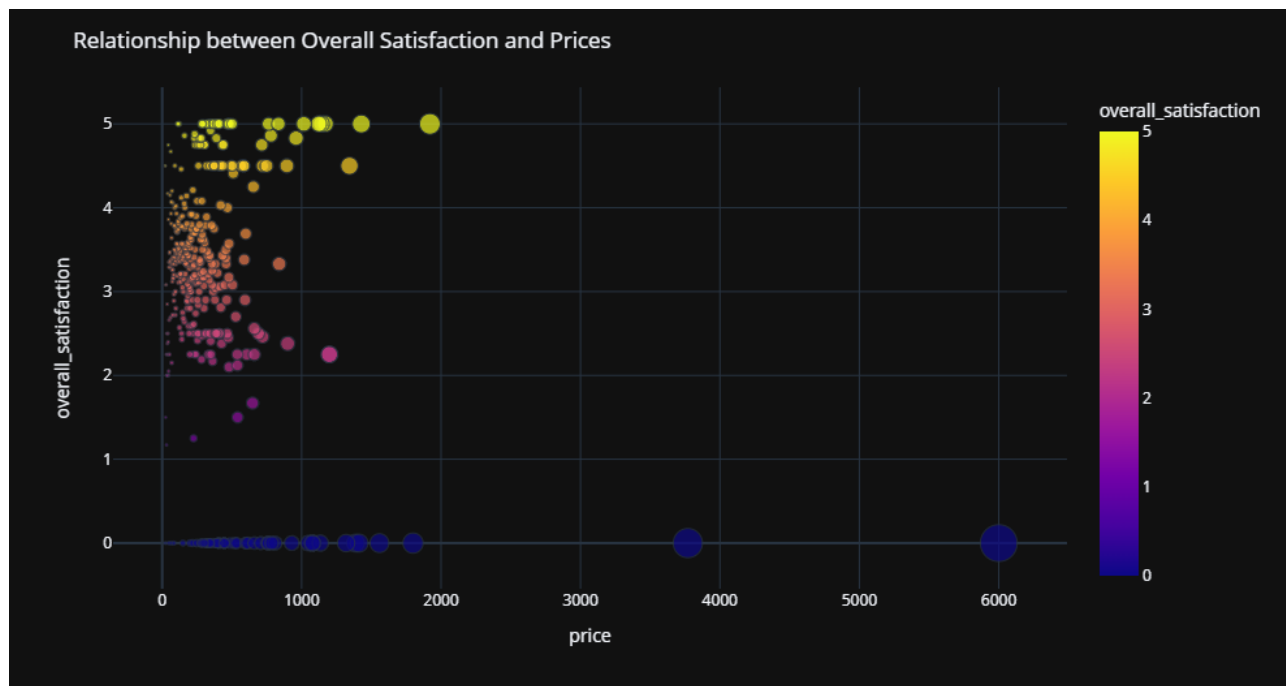- Relation between Reviews and Name to get maximum booking.
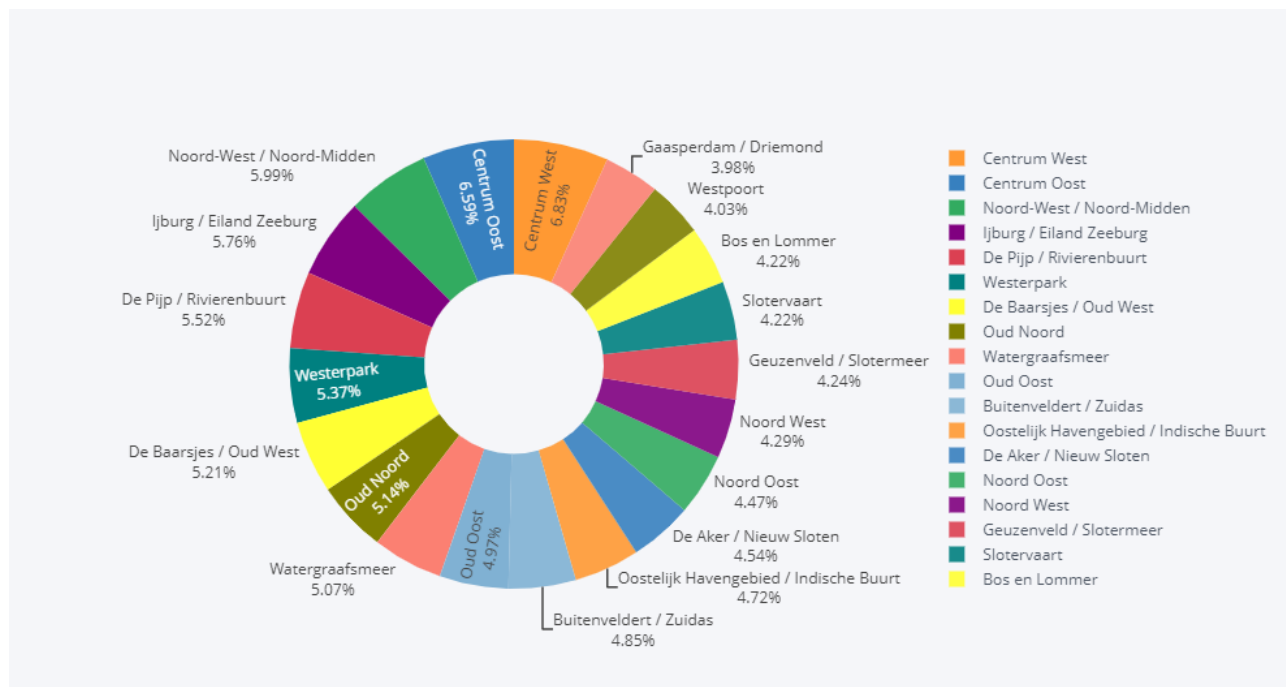
3. Preference of Guests w.r.t. Room Type:

4. Relationship Between Overall Satisfaction and Price:
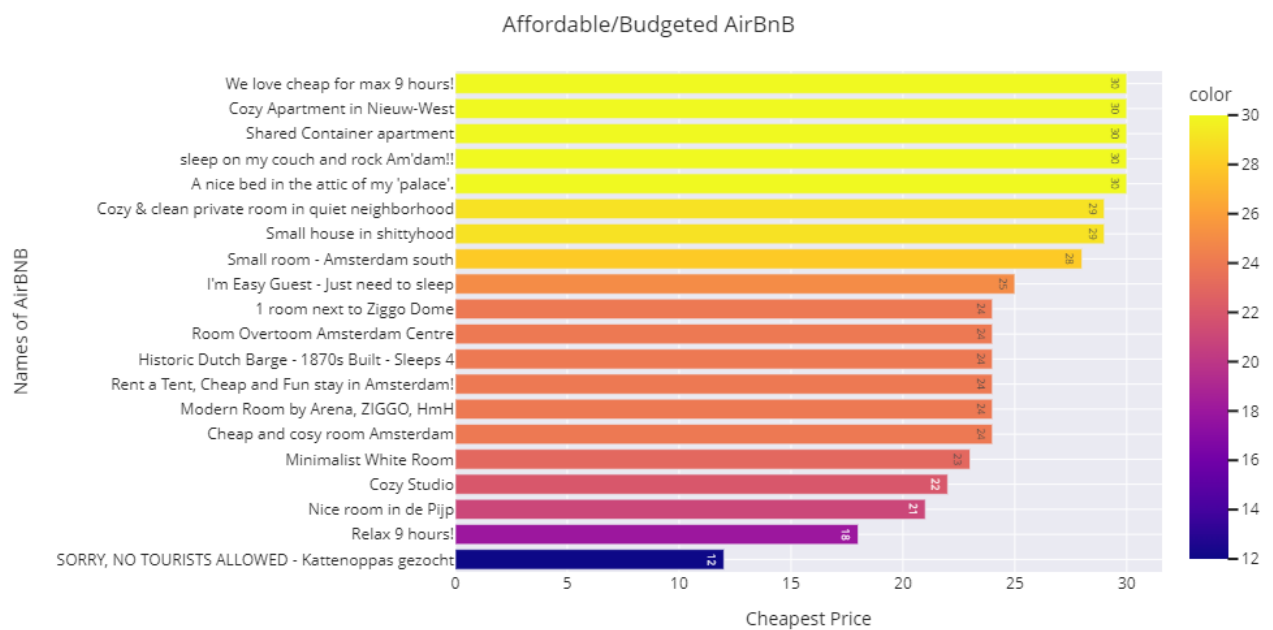
5. Donut Chart:

Providing information on Average Price in Percent along with the names of Neighborhood:
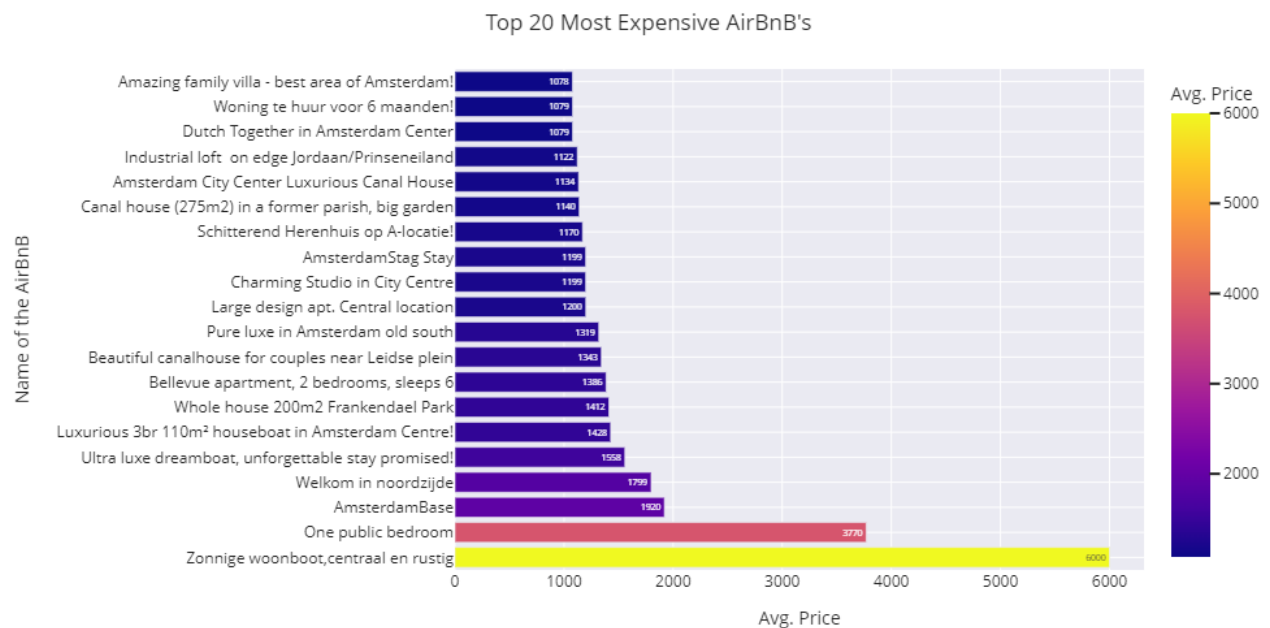

6. Top 20 Cheapest AirBNB with Approx. Price:

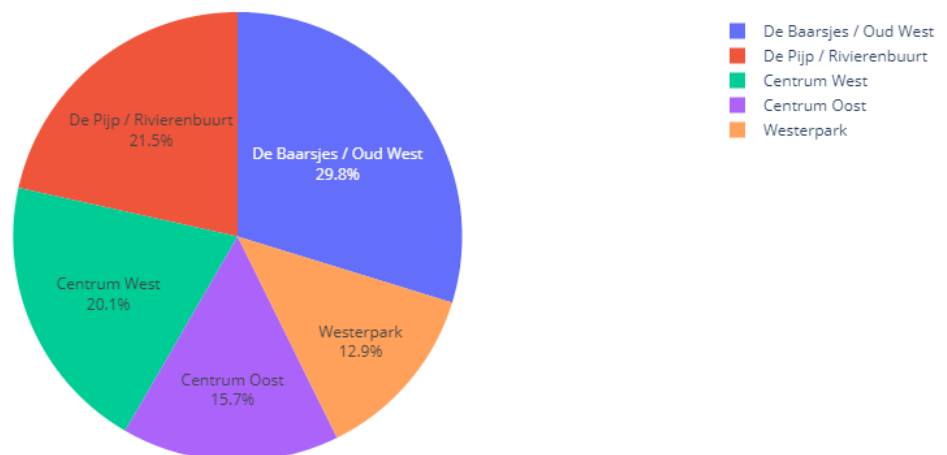Here, we tried to interpret the Most Cheapest Airbnb's w.r.t. their Price.

7. Most Expensive AirBNBs:
Here, we tried to interpret the Top 20 Most Expensive Airbnb's w.r.t. their Avg. Price.
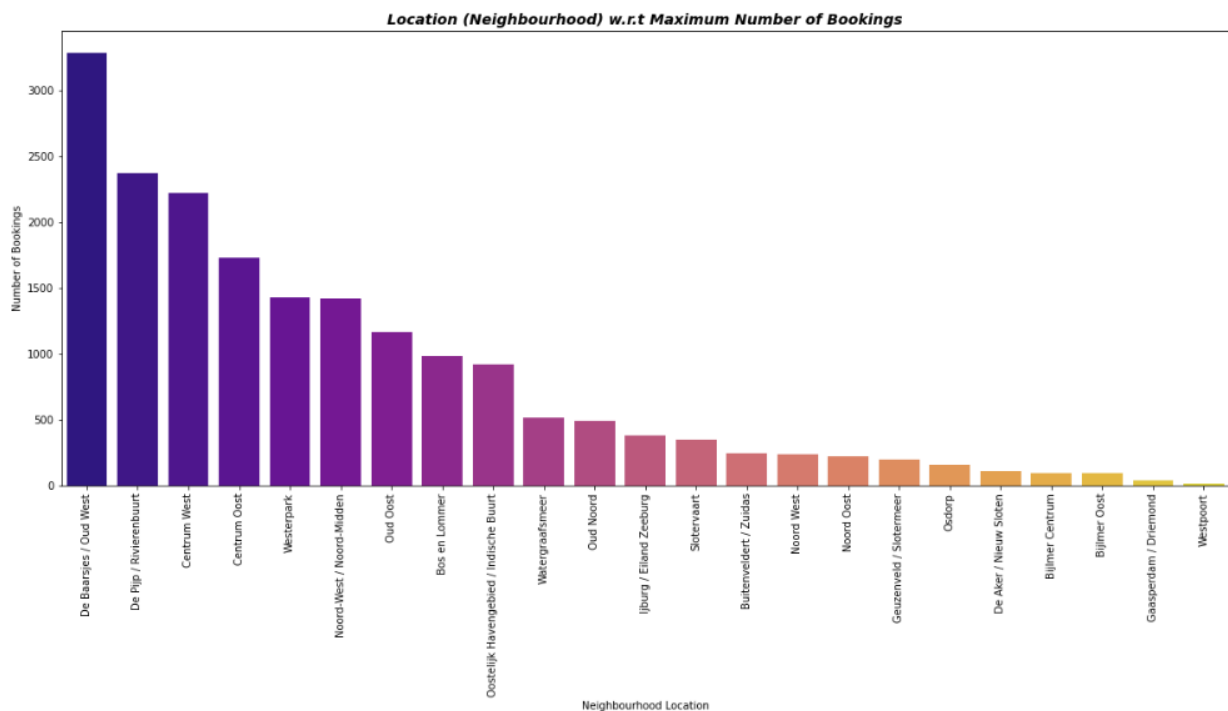

Top 20 Most Expensive AirBnB's

8. Any particular Neighborhood getting Maximum Number of Bookings in percentage:

Top 5 Location (Negibourhood) having Maximum Number of Bookings

9. Any particular Neighborhood getting Maximum Number of Bookings:

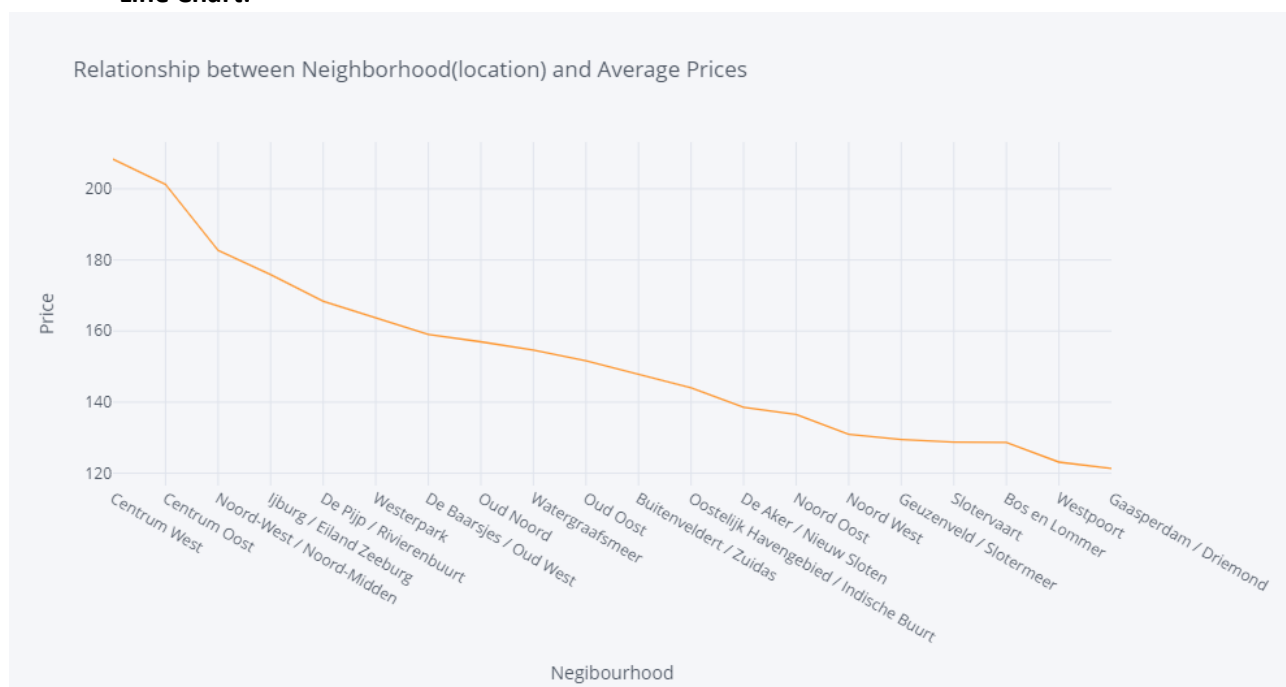Location (Neighbourhood) w.r.t Maximum Number of Bookings

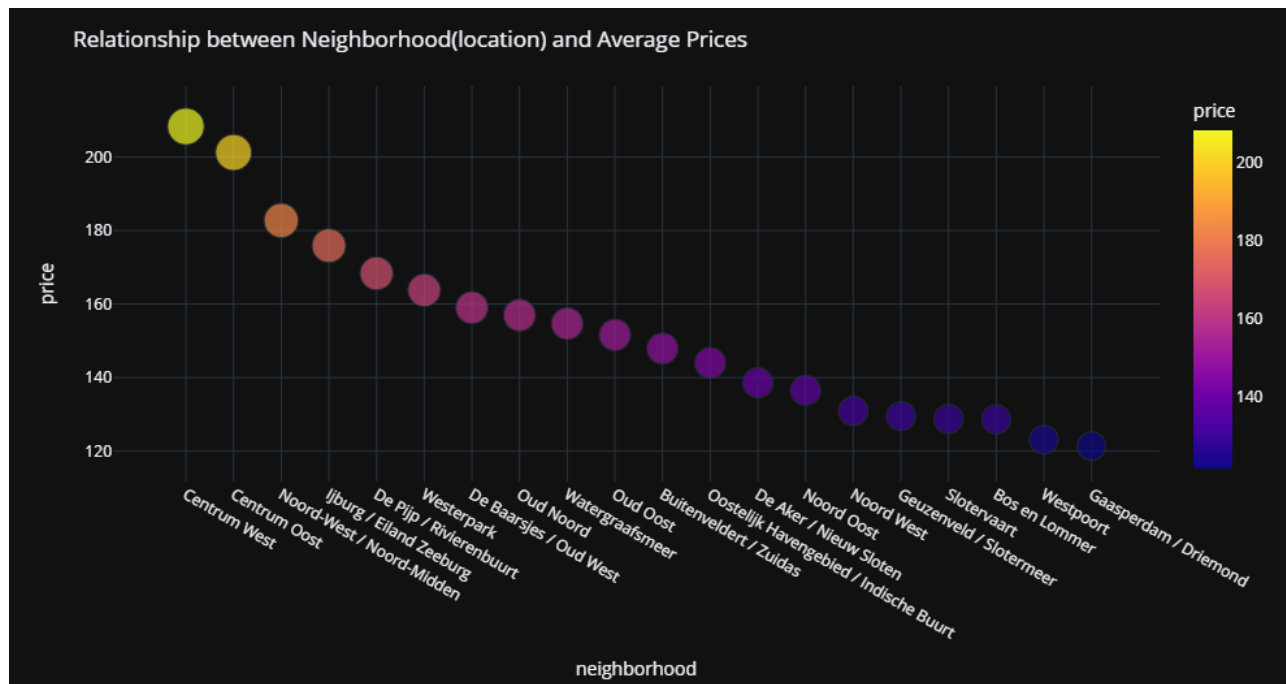**10. Price relation with respect to Location - (Price vs. Location)**

In this section, we analyse the data and tried to interpret the followings –
- Relation between Price w.r.t. Neighborhood.

Line Chart:

Relationship between Neighborhood(location) and Average Prices
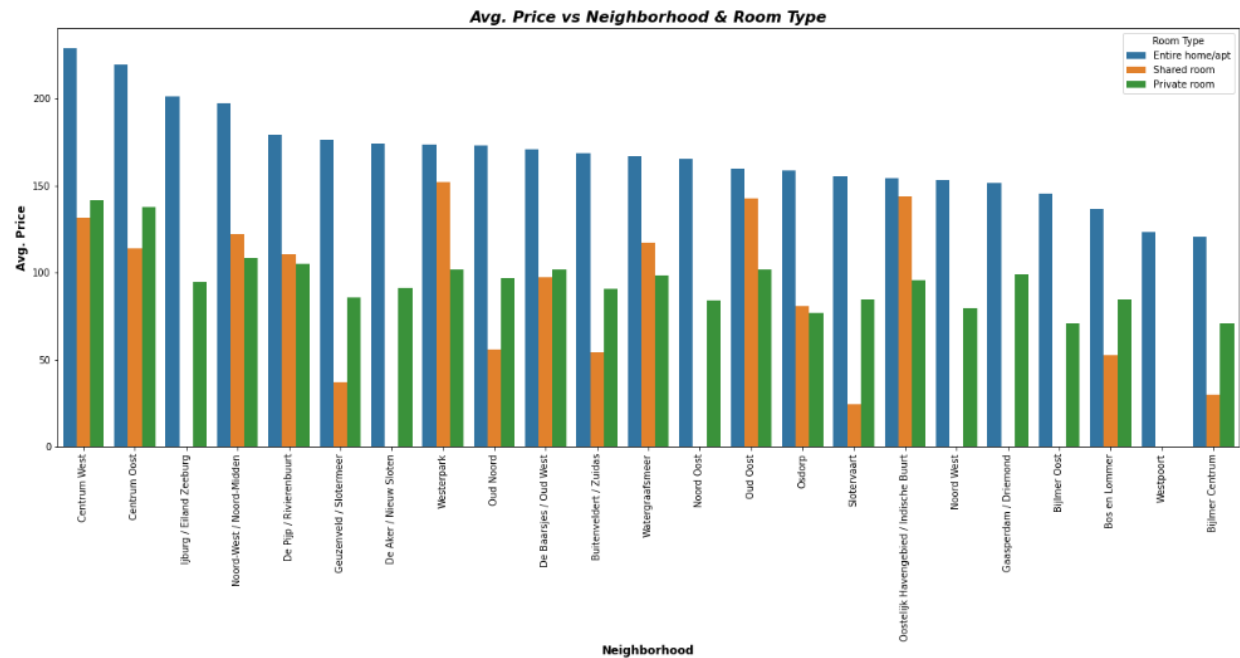
Scatter Chart:

11. Analyzing "Names" of the AirBNB:

Here, we tried to interpret that what exactly the "Names" of our AirBNB:
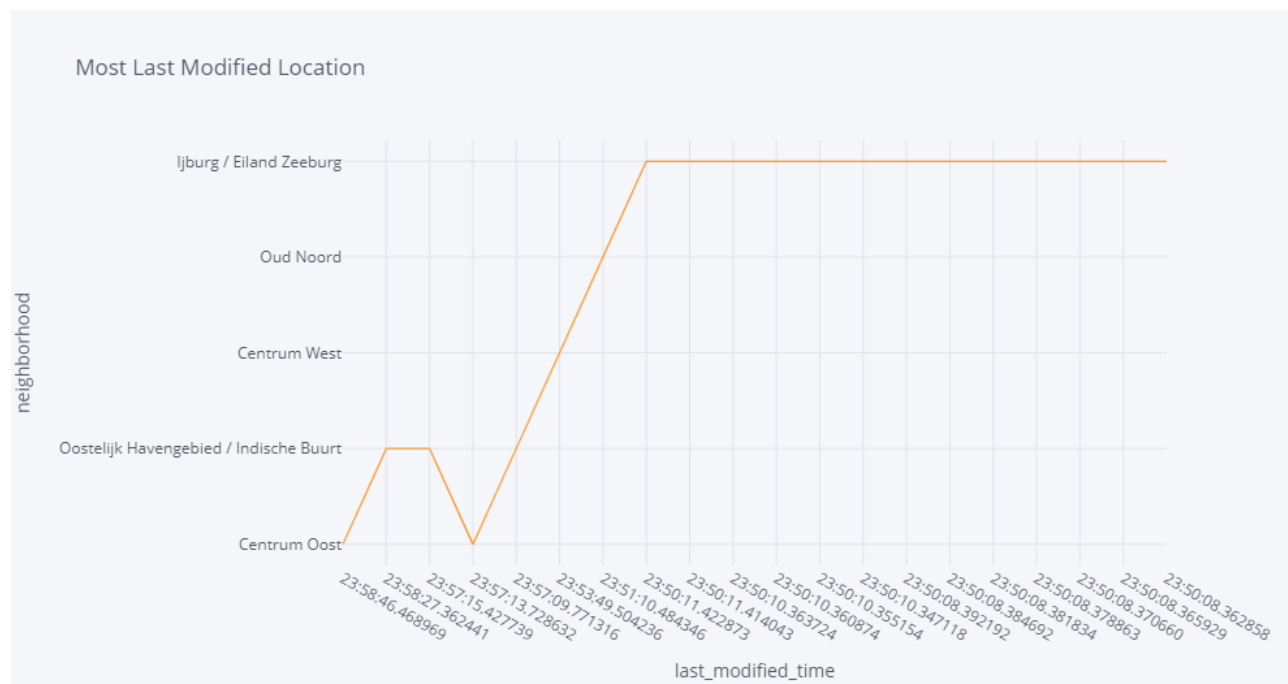
12. Price vs Room Type w.r.t. Neighborhood:

Here, we are trying to analyses the Price vs. Number of Amenities provided by the AirBNB's.
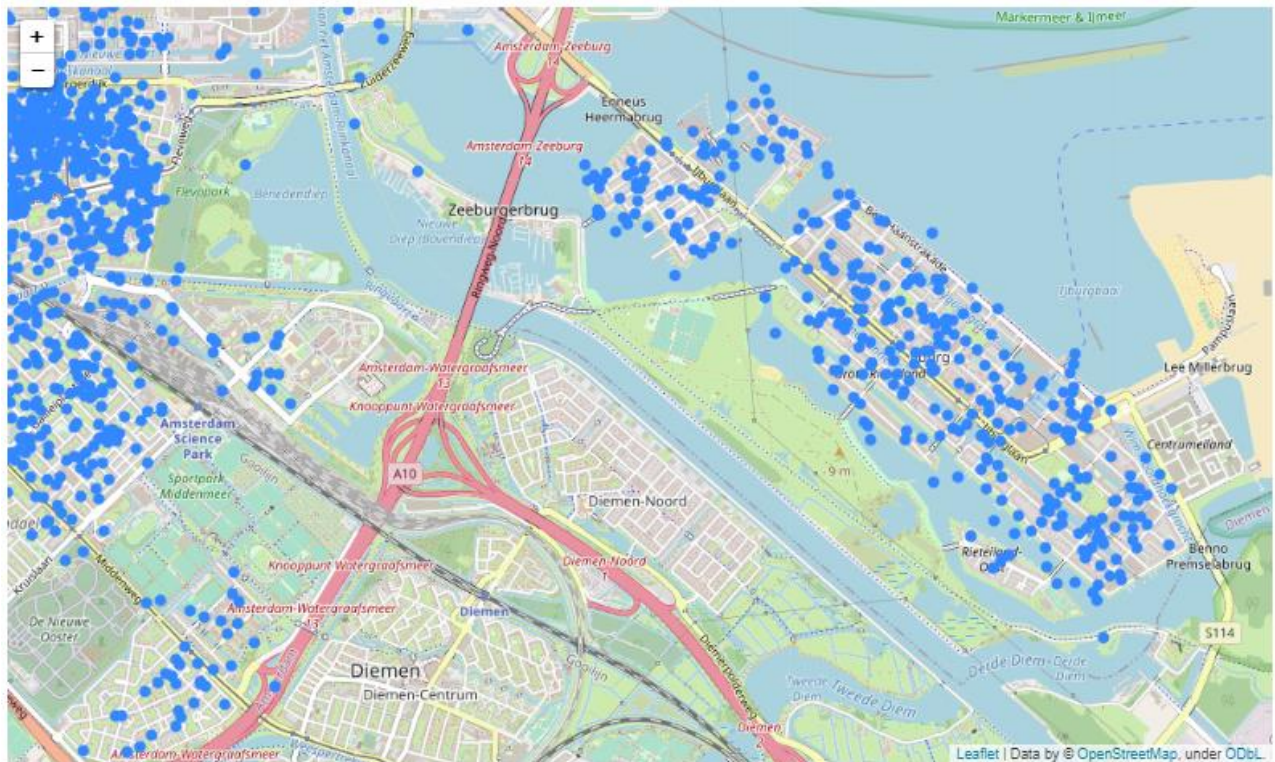

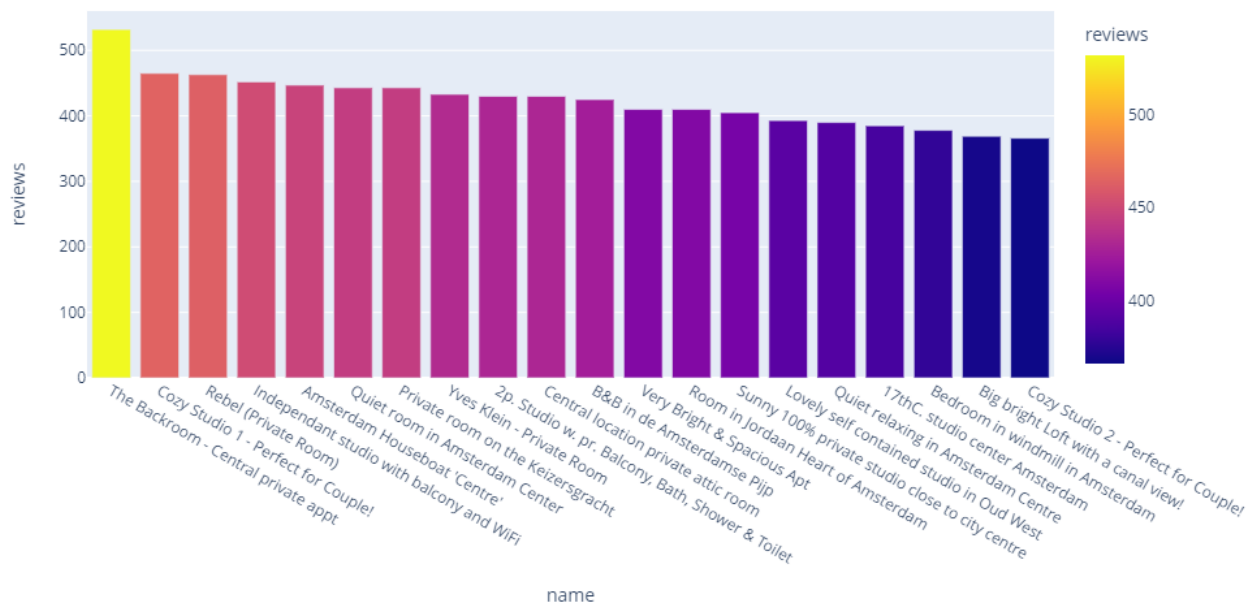### 13. Total Number of Modification w.r.t. Neighborhood:

Here, we tried to interpret the Room Types w.r.t. Number of Amenities provided by the AirBnB's to their Customers.
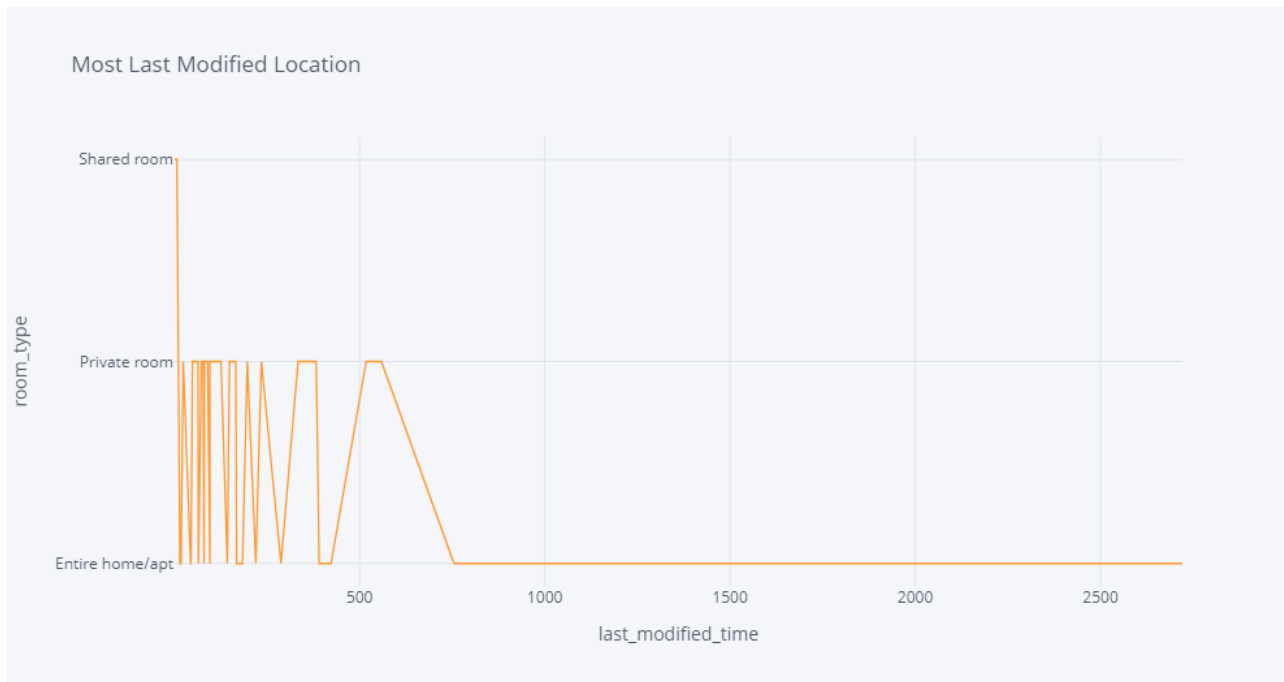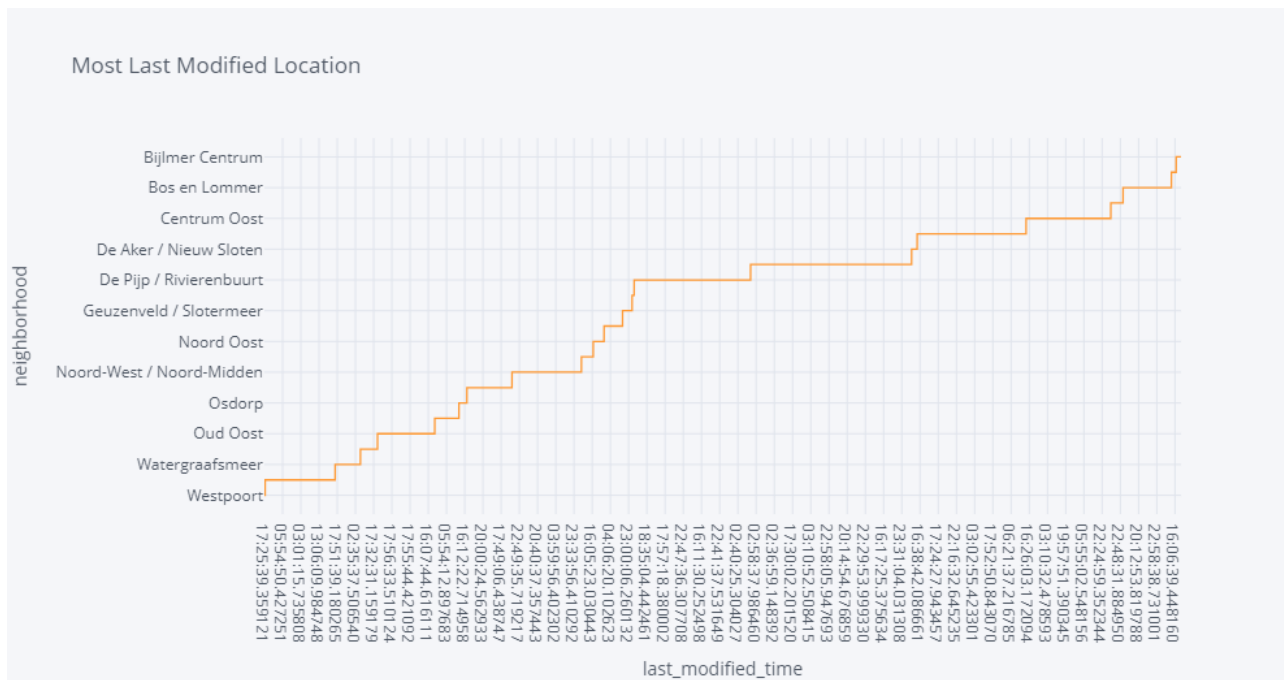
14. All AirBNB having latitude and longitude on given dataset are pointed with blue on the Map of Amsterdam:

15. Maximum Reviews w.r.t. Names of AirBNBs :

16. Last Modification w.r.t. Room Type:

Most Last Modified Location

17. Last Modification w.r.t. Neighborhood:

Most Last Modified Location

18. Top 5 Last Modification w.r.t. Location :

Most Last Modified Location