# AIRBNB Insights Report
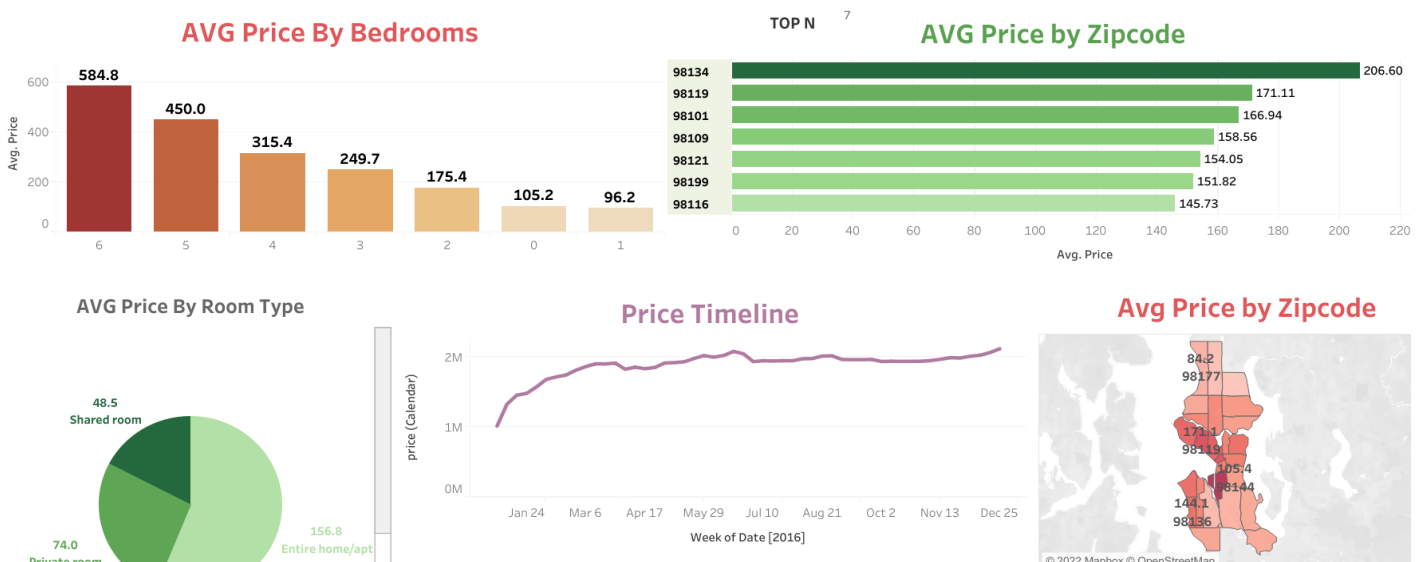
## DashBoard:

https://public.tableau.com/app/profile/gourav.naik/viz/AirBNB_16541142864850/Dashboar



**Dataset :** https://www.kaggle.com/datasets/airbnb/seattle

**Data Preprocessing:** The dataset was cleaned and analyzed using mysql and the tables generated were used for visualization.
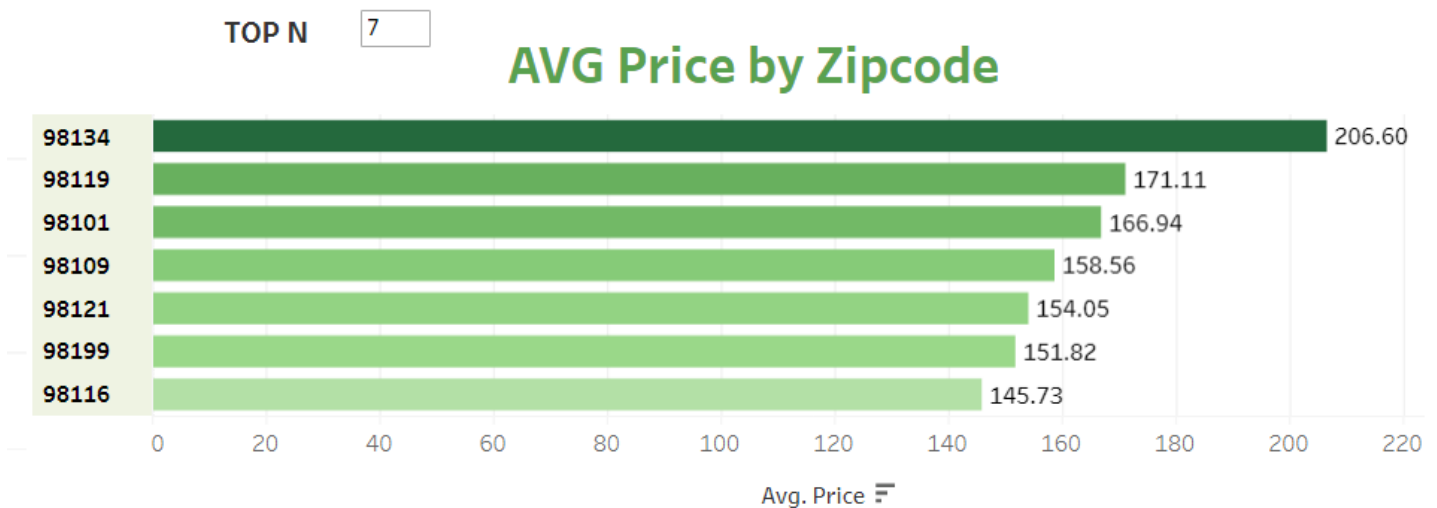
**Target Audience :**

The insights drawn could be helpful for both Hosts and Users.

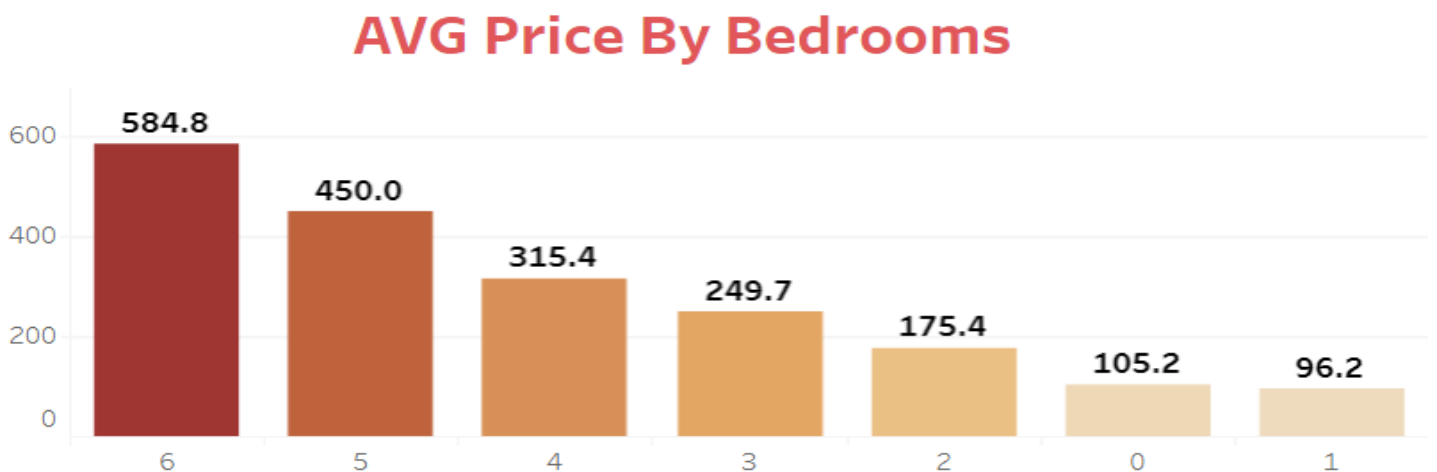**Hosts-** People putting up their place for rental purposes.
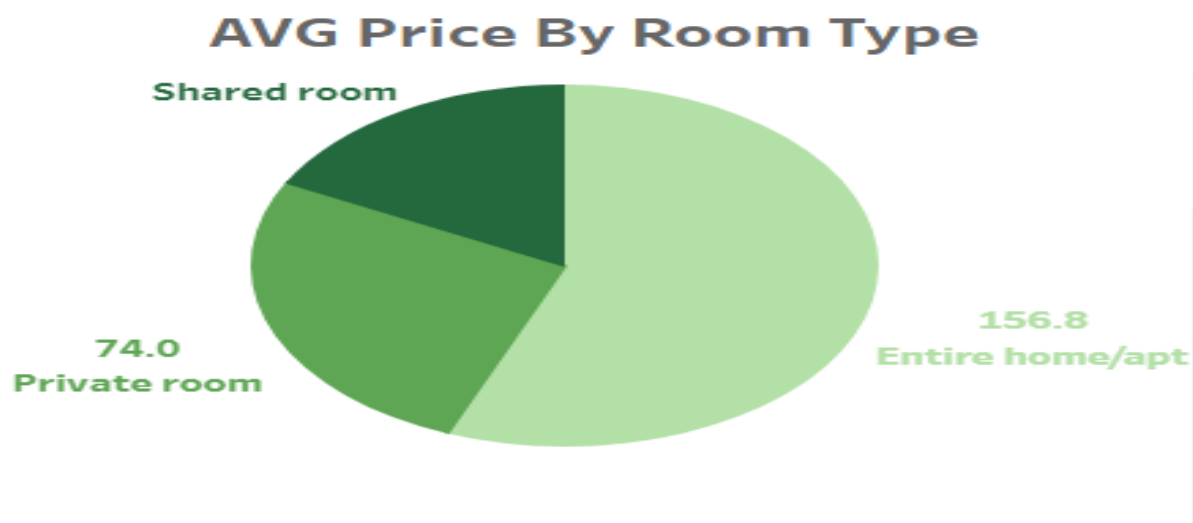**Users-** People searching for accommodation.

# Queries and its Visualization:
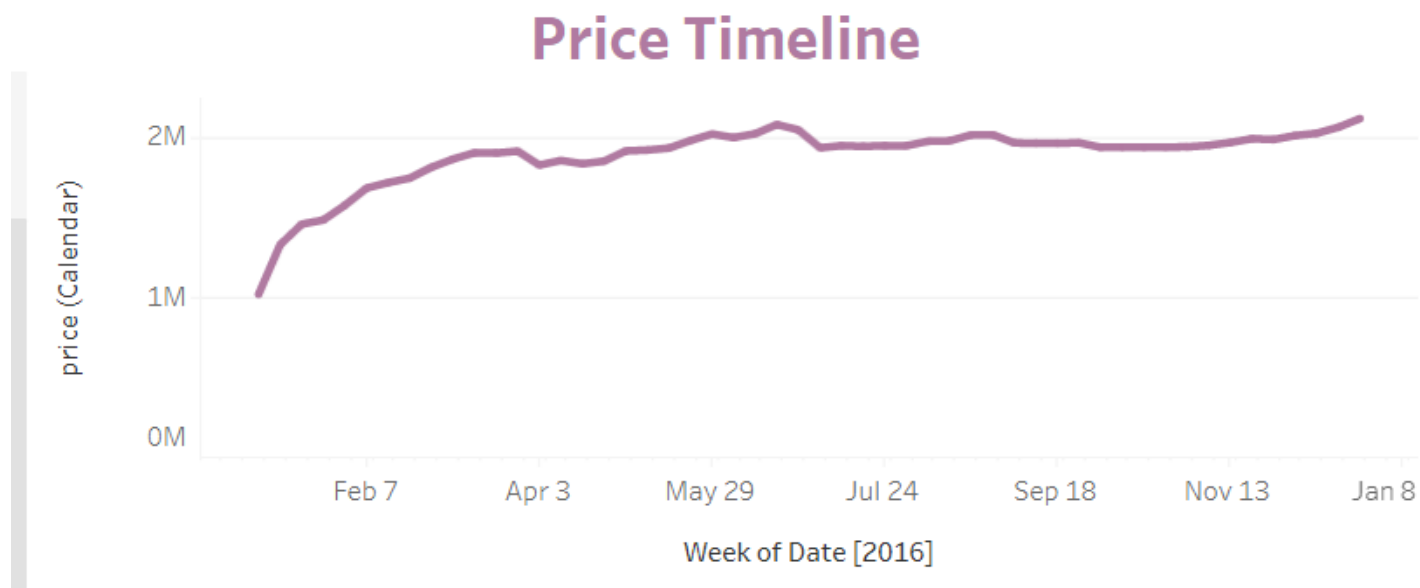
1.Top 7 locations (zip codes) by average renting Price.

TOP N   7

## AVG Price by Zipcode

| Zipcode | Avg. Price |
|---------|-----------|
| 98134 | 206.60 |
| 98119 | 171.11 |
| 98101 | 166.94 |
| 98109 | 158.56 |
| 98121 | 154.05 |
| 98199 | 151.82 |
| 98116 | 145.73 |

Avg. Price

2. Number of bedrooms affecting average price.

## AVG Price By Bedrooms

| Bedrooms | Avg. Price |
|----------|-----------|
| 6 | 584.8 |
| 5 | 450.0 |
| 4 | 315.4 |
| 3 | 249.7 |
| 2 | 175.4 |
| 0 | 105.2 |
| 1 | 96.2 |

## 3. Renting type affecting average price:

**AVG Price By Room Type**

Shared room

74.0
Private room

156.8
Entire home/apt

## 4.Year timeline of Average renting price in seattle

**Price Timeline**

price (Calendar)

2M

1M

0M

Feb 7    Apr 3    May 29    Jul 24    Sep 18    Nov 13    Jan 8
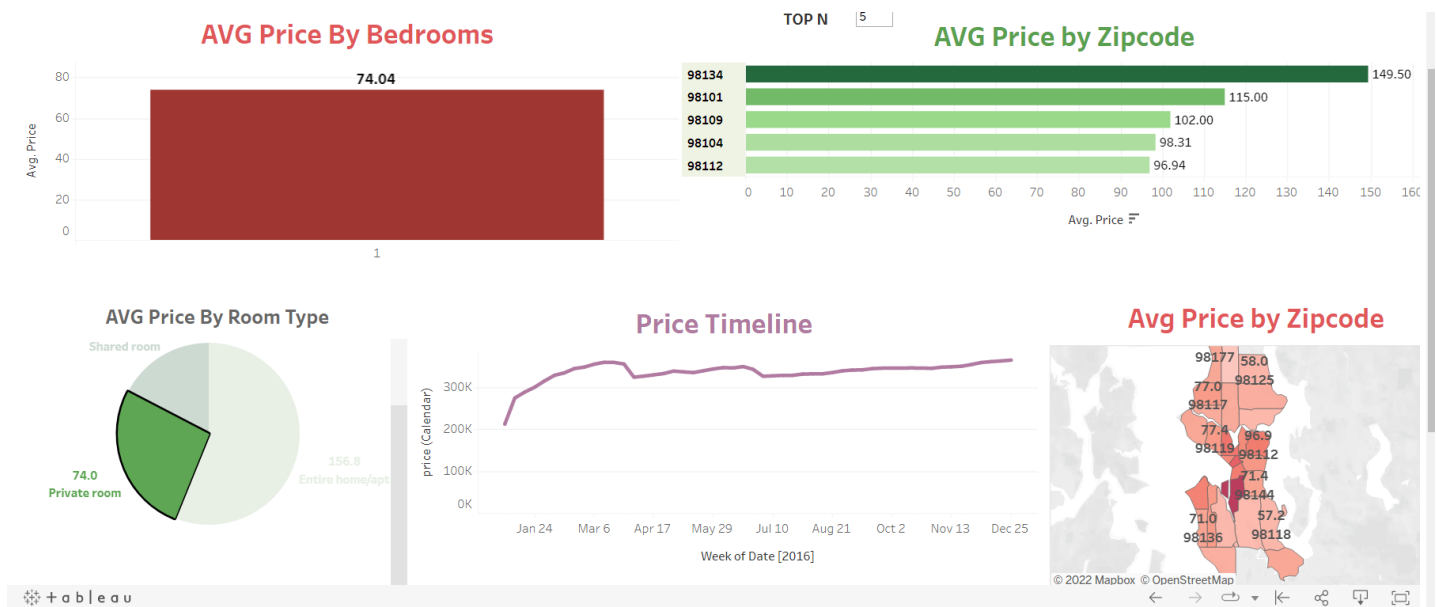
Week of Date [2016]

## 5.what are the top5 zip codes performing best for 7 bedrooms:
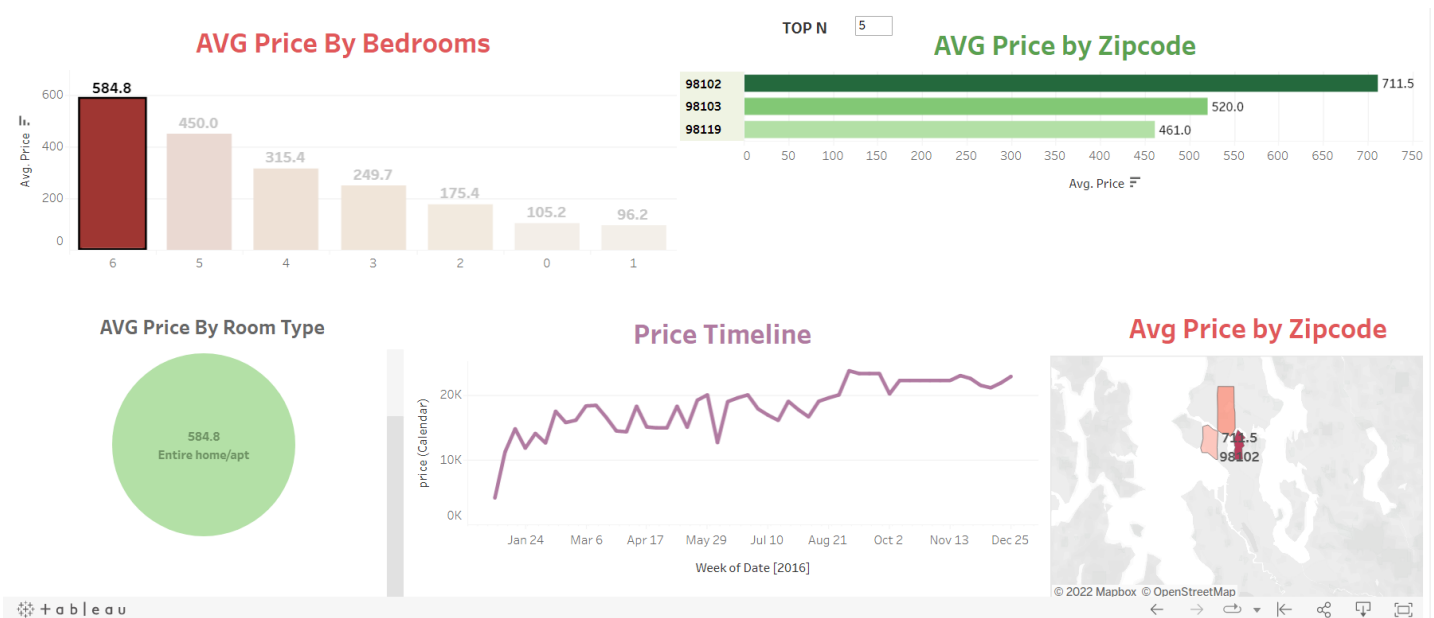


- Only three zip codes **[98102,98119,98103]** provide six-bedroom rooms and command greater prices.e.
- All of the apartments offering 6 rooms are renting their entire property.
- This specific area of Seattle has large apartments.

## 6. Top Zipcodes for private room/ Single room:

- Almost every zip codes provide single room but the higher price is being offered by zip codes: **[98134,98101,98109,98104,98112]**
- A single room generates consistent revenue throughout the year, as opposed to six bedrooms, which are more profitable during the winter.

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