Coding Challenge – 1

1. **Amsterdam** is the most expensive city with a median price of 460.24 Euros, and **Athens** is the most affordable city with a median price of 127.72 Euro.

One of the reasons according to the dataset can be Average Metro distance of A msterdam Airbnb properties is **1.09** which is highest among all cities, whereas for Athens it is **0.48**

1. There is not much difference in the number of bookings in different cities on weekdays and weekends, only London and Paris show the difference of 16.58% and 13.67% respectively from weekdays to weekends.

Amsterdam and Budapest increase its average price by 14.27% and 8.52% respectively on weekends.

3. Despite of London having the highest number of bookings, its average cleanliness rating and average guest satisfaction rating are the lowest, that is 9.2 and 90.6, respectively.

Athens being the most affordable city, has the highest Average Cleanliness Rating and average guest satisfaction rating that is 9.6 and 95.

4. Number of bookings and distance from the city center are inversely proportional. Lower the distance from the city center more the number of bookings.

5. Maximum number of bookings are coming for Entire Home/Apt followed by Private Rooms.

6. Lisbon has the 4th highest number of bookings and has the second highest business purpose number of bookings.