PROJECT OVERVIEW-1

You are an Analyst working for a Property Rental company. The company wants to explore the trends for different property types (Room Types) and their listed price across a variety of metrics. Thus, you are asked to understand the data and come up with the below analysis:

Questions

a. Analyse different metrics to draw the distinction between the different types of property along with their price listings (bucketize them within 3-4 categories basis your understanding):

To achieve this, you can use the following metrics and explore a few yourself as well. Availability within 15,30,45, etc. days, Acceptance Rate, Average no of bookings, reviews, etc.

b. Study the trends of the different categories and provide insights on the same

c. Using the above analysis, identify the top 2 crucial metrics which make different property types along their listing price stand ahead of other categories

d. Analyse how the comments of reviewers vary for listings of distinct categories (Extract words from the comments provided by the reviewers)

e. Analyse if there is any correlation between property type and their availability across the months

f. Analyse what are the peak and off-peak times for the different categories of property type and their listings. Do we see some commonalities in the trend or is it dependent on the category

g. Using the above analysis, suggest what is the best performing category for the company

h. Analyse the above trends for the two cities for which data has been provided and provide insights on comparison

Provide your findings in an excel workbook, plot graphs, and create multiple tabs as needed.