Project: Staycatin.com Listing

Problem Statement:-

The data presented to you is from an online platform StayCatin.com that lets you book properties for a particular date per your requirement (similar to

Airbnb).

You have joined the firm as a business analyst and have been asked to help the business management make smart decisions. They have provided you with the data, which lists down details of each property listed on their website, the reviews and how the price fluctuated with time.

You need to come up with a dashboard that helps management answer the key questions:

1. Top 10 earners
2. Relationship between price and earnings
3. Any location (shore) getting more earnings
4. Relationship between price and reviews

Create a storyboard with the insights also.

StayCatin Dataset Link:-

✚ StayCatin.com Case Study

How to Save:-

Initially, you need to create a Tableau Public profile to save your visualisations, dashboard and story created in Tableau, as they can't be saved on your local device.

After creating the final dashboard and story of the given business problem, Click on File-> Save. It will save the file in your public account. After this Tableau Public, Click here and sign in to your account. Once you get logged in, click on your profile, and you can find your visualisation there.

You can get the link of your Visualisations/Dashboard/story created from your Tableau Public profile by clicking on the "Share" option. Also, you need to "Download" the dashboard or story created in pdf/image format from your

Tableau Public profile.

Submissions:-

1. PDF document containing the dashboard created (Download as pdf from the profile) (Name it **"Dashboard_StudentName"**)
2. PDF document containing the story created (Download as pdf from the profile) (Name it **"Story_StudentName"**)
3. A Document has the link to the dashboard. (Copy the link and paste it into a blank document. Submit the PDF form of the document) (Name it **"Link_StudentName"**)

Submit all these files as a single zip file containing all excel and pdf files Please attempt all MCQs before you start with the project.

Given MCQ Questions:

1. Maximum Listing

Which Room Type has the Maximum Number of Listing?

Options

This problem has only one correct answer

○ Entire room/ apt

○ Private room

○ Shared room

2. Total Earnings

Suppose you want to create a new field which will represent the Total Earnings, then which of the following fields you will use?

Options

This problem has only one correct answer

○ Price, Number of reviews

○ Price, Host Total Listing Count

○ Price, Accommodates

○ Price, Minimum Nights

3. Host Name

With the help of the Bar Chart find out the Top 3 Host names in terms of Total Earnings?

Options

This problem has only one correct answer

○ David, Josh, Beach Cliff

○ Lisa, Bill, Carlos

○ Michael,710 Beach Rentals, John

○ John, David, Lisa

4. Observations

Study the relationship between Price and Earnings for different Host Ids and find out the correct observations

Options

This problem may have one or more correct answers

☐

As the Price increases, the Total earnings for the Host Also increase.

☐

Host name- Sea Breeze has the maximum price

☐

Cindy, Surf Style & Carrie have Price above 20k

☐

Sea Breeze and Michael are an outlier in our dataset

5. Count

Find the Count of Listing in "Allied Gardens" under the property type "Townhouse".

Options

This problem has only one correct answer

○ 0

○ 1

○ 5

○ 29

6. Maximum Earnings

Find the region which has the Maximum Total Earnings?

Options

This problem has only one correct answer

○ Santee

○ La Jolla

○ San Diego

○ Del Mar

7. Maximum Beds

Using a Pie Chart find out which room type has the maximum number of beds?

Options

This problem has only one correct answer

○ Private Room

○ Shared Room

○ Entire home/apt

8. Peaks

We also have price and availability data, So create a line chart to know how the avg price has fluctuated over time for the available properties

See how the price has fluctuated over time, and find out how many times the average daily price was above 400?

Options

This problem has only one correct answer

○ 1

○ 3

○ 6

○ 7

Project StayCatin:

StayCatin.com Case Study

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Please go through the provided document to understand the project in more detail.