

Make sure each question is properly numbered in the markdown!

- 1) Import the `Belize_Airbnb_listings` csv.

Create a new dataframe that takes the original dataset and groups the data by neighborhood and finds the average price, number of reviews, and availability\_365. In short, you're looking for the average price, number of reviews, and availability per neighborhood.

This next part is focused on list comprehensions!

Please do the following in a jupyter notebook (There is no need to put them in a function unless otherwise stated):

- 2) Take the following list and create a new list from the square of each value.

`og_list=[2, 4, 6, 8, 10, 12, 14]`

- 3) Take the same list from the previous question and create a new list but where each value is  $2/3$

- 4) Write a list comprehension or function to lowercase all the keys in the below dictionary. The data represents how many pounds of each fruit a canning company is ordering.

Why did you choose the mechanism you did to lowercase the keys?

`dict={"Apples": 1500, "Cranberries": 2000, "Pears": 2500, "Cherries": 1600, "Plums": 2400, "Peaches": 13600, "Oranges": 7}`