Analyzing Airbnb Accommodation Dataset

1. Dataframe: listing each room_id, host_id with total score in two sorting ways

    1) index = (**room_id**, **host_id)**
    2) column = **total_score**: **overall_satisfaction** + **reviews * 0.378**
    3) output = **1**. sorted total_score in ascending **2**. sorted total_score in descending
       = sorted_total_score_ascend.csv, sorted_total_score_descend.csv

2. Dataframe: listing average of factors by grouped neighborhood

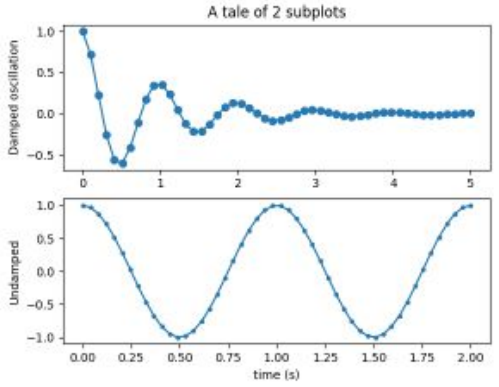
    1) index = (**neighborhood)**
    2) column = **avg of reviews | avg of overall_satisfaction | avg of price | max of reviews | min of reviews | max of price | min of price**
    3) output = **1**. sorted neighborhood in ascending
       = sorted_neighborhood_factors.csv

3. Dataframe: listing average of factors by grouped ranged prices

PRICE	accommodates average	accommodates median	bedrooms average	bedrooms median	reviews average	reviews median	neighbor list	length
0 -100								
100 - 200								
200 - 300								
300 - 400								
400 - 500								
500 - 1000								
1000 - 5000								

index = ranged prices
output = sort_ranged_price.csv

4. Graph: draw each graph by the following lists
   1) line plot x axis = ranged price | y axis = accommodate average
   2) line plot x axis = ranged price | y axis = bedrooms average
   3) line **subplot** x axis = neighborhood
      | y axis = reviews average
      | y axis = overall satisfaction average
      | y axis = average price average



Subplot