Analayzing Airbnb Accommondation 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 asecending 2. sorted total_score in desecending = sorted_total_score_asecend.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 asecending
 - = sorted_neighborhood_factors.csv

3. Dataframe: listing average of factors by grouped <u>ranged prices</u>

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

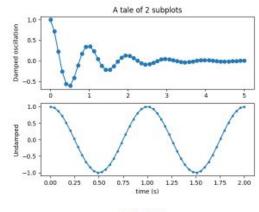
index = ranged prices
output = sort_ranged_price.csv

- 4. Graph: draw each graph by the following lists
 - 1) line plot x axis = ranged price | y axis = accommoates 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