**Analyzing Airbnb Accommodation Dataset**

컴퓨터공학과

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1. Dataframe: listing each room\_id, host\_id with total score in two sorting ways

1. 1)  index = (​**room\_id**​, ​**host\_id)**
2. 2)  column = ​**total\_score**​: **o**​ **verall\_satisfaction**​ + ​**reviews \* 0.378**
3. 3)  output = ​**1**​. sorted total\_score in ascending ​**2**.​ sorted total\_score in descending

= sorted\_total\_score\_ascend.csv, sorted\_total\_score\_descend.csv

텍스트이(가) 표시된 사진

자동 생성된 설명

테이블이(가) 표시된 사진

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2. Dataframe: listing average of factors by grouped ​neighborhood

1. 1)  index = (​**neighborhood)**
2. 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. 3)  output = ​**1**​. sorted neighborhood in ascending

= sorted\_neighborhood\_factors.csv

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

index = ranged prices  
output = sort\_ranged\_price.csv

텍스트이(가) 표시된 사진

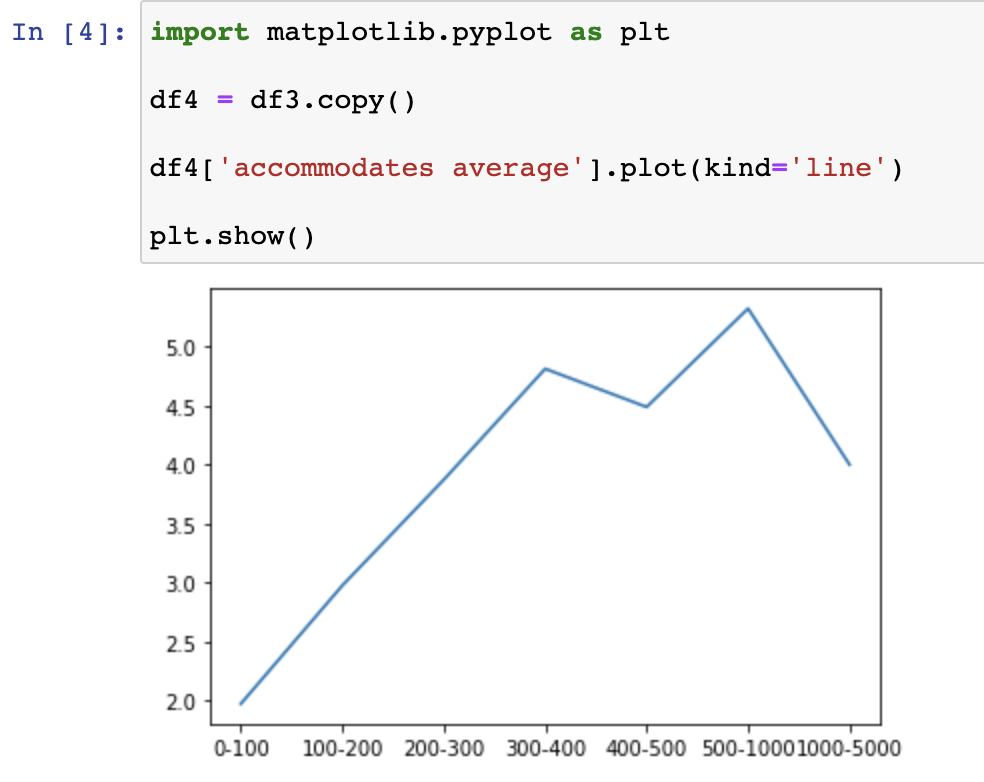
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테이블이(가) 표시된 사진

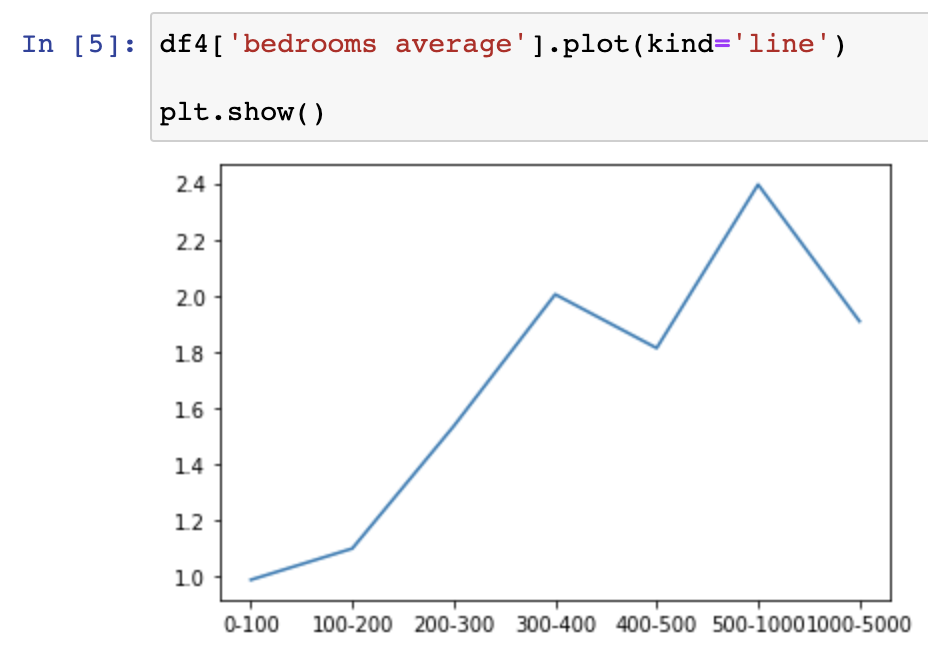
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4. Graph: draw each graph by the following lists

1) lineplot xaxis=rangedprice|yaxis=accommodateaverage



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

텍스트이(가) 표시된 사진

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