Recitation 3

CS 439

February 2019

1 Problem 1

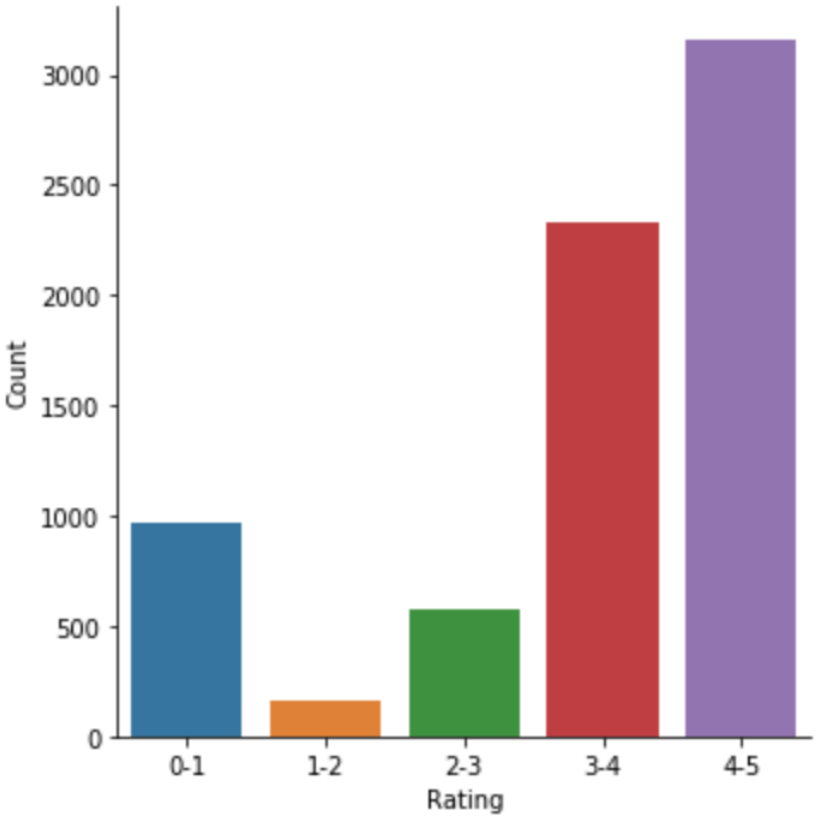
Read **"AppleStore.csv"** into a data frame and generate a 'barh' plot of value counts of different application types on Apple App Store. Plot using both Pandas and Seaborn. Column "prime_genre" stores the information about type of an application.

2 Problem 2

Add a randomly generated column **"day_of_upload"** to above data frame containing values from 0 to 6. Map the values of this new column to Days of the week (0 $\rightarrow$ Monday, 1 $\rightarrow$ Tuesday.....6 $\rightarrow$ Sunday). Generate a bar plot showing the number of apps released on each weekday using Seaborn. Set xlabel, ylabel and rotate the labels by 90 degrees using the rotation argument of set_xticklabels() function.

3 Problem 3

Generate a plot showing the number of apps having ratings between the ranges: "0 to 1", "1 to 2", "2 to 3", "3 to 4" and "4 to 5" from the column "user_rating". It should look like the following figure:


3000
2500
2000
1500
1000
500
0
Count
0-1
1-2
2-3
3-4
4-5
Rating