

CLASS TASK 2

Note:

1- Submit the solution in word or python file.

2- Can be done in the group of two members only (Write the name of group members in Word file and submit as well for record)

3- Marks: 14 (Task 1: 6.5 marks, Task 2 (1-5): 2.5 marks, Task 2 (6-7): 5 marks)

CLASS TASK 2a:

DATASET:

IMDB-Movie-Data.csv

Task List:

- 1- Load the file IMDB-Movie-Data.csv in pandas and make title as index column
- 2- Display 5 most repeated values in Director Column
- 3- Filter all movies from Passengers to Gold using value (loc)
- 4- Filter all movies from Passengers to Gold using position (iloc)
- 5- List all movies from year 2012
- 6- List all movies having runtime of 120 and above
- 7- List all movies having rating above 6
- 8- List all movies having metascore above 50
- 9- List all movies having metascore above 60 and ratings above 6 and year 2016
- 10- List all movies directed by David Ayer or Adam McKay and having ratings above 6
- 11- List the movie which has highest rating in 2016 (Hint: solve in two steps, first filter the data of 2016 and save in another variable and then filter the highest rating from that)
- 12- List the movie which has highest metascore in 2016 (Hint: solve in two steps, first filter the data of 2016 and save in another variable and then filter the highest metascore from that)
- 13- List the movie which has highest revenue in 2016 (Hint: solve in two steps, first filter the data of 2016 and save in another variable and then filter the highest revenue from that)

CLASS TASK 2b:

DATASET:

t20.csv

Task List:

- 1- Load the t20 dataset
- 2- check the columns and values
- 3- Drop column Unnamed: 15
- 4- Drop column Sno
- 5- Select all players who have more then 3 hundreds
- 6- Select all players who have highest score more then 50
- 7- How many players who have avg above 35?