CSS-D Project - Option 1: IMDB Data

- Due Jul 7 at 12pm
- Points 15
- Questions 11
- Time Limit None

Instructions

Answer the following quiz questions.

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	5 minutes	15 out of 15

Score for this quiz: 15 out of 15
Submitted Jul 4 at 2:37pm
This attempt took 5 minutes.

As a researcher, you are tasked to do use ETL and EDA skills on a movie dataset to extract certain insights.

Using Pandas, use the "movie_dataset.csv" found in the "Week 1" section of Canvas.

Note, some column names have spaces which is not ideal. Some columns have missing values and it would be best to either fill or drop where appropriate those missing values to prevent a bias. Load and clean the data, make reasonable assumptions.

Once this has been done, answer the Quiz questions below.

Question 1
1 / 1 pts
What is the highest rated movie in the dataset?
Correct!

- ⦿ The Dark Knight
- ◯ Trolls
- ◯ Jason Bourne

○ Rogue One

⁞

Question 2

1 / 1 pts

What is the average revenue of all movies in the dataset?

Note, since the answer will be effected by how you dealt with missing values a range has been provided.

Correct!

◉ Between 70 and 100 Million

○ Between 120 and 140 Million

○ Between 100 and 120 Million

○ More than 200 Million

⁞

Question 3

1 / 1 pts

What is the average revenue of movies from 2015 to 2017 in the dataset?

Note, since the answer will be effected by how you dealt with missing values a range has been provided.

○ More than 120 Million

Correct!

◉ Between 50 and 80 Million

○ Less than 40 Million

○ Between 100 and 120 Million

⁞

Question 4

1 / 1 pts

How many movies were released in the year 2016?

○ 113

○ 301

Correct!

◉ 297

○ 287

⁞

Question 5

1 / 1 pts

How many movies were directed by Christopher Nolan?

○ 7

Correct!

- ◉ 5
- ○ 6
- ○ 4

⋮

Question 6

1 / 1 pts

How many movies in the dataset have a rating of at least 8.0?

- ○ 81
- ○ 98

Correct!

- ◉ 78
- ○ 45

⋮

Question 7

1 / 1 pts

What is the median rating of movies directed by Christopher Nolan?

- ○ 6.9

Correct!

- ◉ 8.6
- ○ 9.1
- ○ 7.4

⋮

Question 8

1 / 1 pts

Find the year with the highest average rating?

- ○ 2008
- ○ 2006
- ○ 2016

Correct!

- ◉ 2007

⋮

Question 9

1 / 1 pts

What is the percentage increase in number of movies made between 2006 and 2016?

- ○ 421
- ○ 57

Correct!

◉ 575

◯ 210

⠿

Question 10

3 / 3 pts

Find the most common actor in all the movies?

Note, the "Actors" column has multiple actors names. You must find a way to search for the most common actor in all the movies.

◯ Chris Pratt

◯ Bradley Cooper

Correct!

◉ Mark Wahlberg

◯ Matthew McConaughey

⠿

Question 11

3 / 3 pts

How many unique genres are there in the dataset?

Note, the "Genre" column has multiple genres per movie. You must find a way to identify them individually.

◯ 207

Correct!

◉ 20

◯ 30

◯ 15

Quiz Score: 15 out of 15