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Quiz: MovieLens Dataset

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Quiz: MovieLens Dataset

Quiz due Jul 30, 2020 00:00 +08

All of the questions in this quiz involve working with the datasets you've created using the code we provided.

Q1

1.0/1.0 point (graded)

How many rows and columns are there in the `edx` dataset?

Number of rows:



Number of columns:



Submit

You have used 10 of 10 attempts

Q2

1.0/1.0 point (graded)

How many zeros were given as ratings in the `edx` dataset?

0



0

How many threes were given as ratings in the `edx` dataset?

2121240



2121240

Submit

You have used 10 of 10 attempts

Q3

1/1 point (graded)

How many different movies are in the `edx` dataset?

10677



10677

Submit

You have used 10 of 10 attempts

✓ Correct (1/1 point)

Q4

1/1 point (graded)

How many different users are in the `edx` dataset?



\(\)

Submit

You have used 10 of 10 attempts

✓ Correct (1/1 point)

Q5

1/1 point (graded)

How many movie ratings are in each of the following genres in the `edx` dataset?

Drama:

✓ Answer: 3910127

\(\)

Comedy:

✓ Answer: 3540930

\(\)

Thriller:

✓ Answer: 2325899

\(\)

Romance:

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1712100

✓ Answer: 1712100

\\)

Explanation

The following code can be used to do this analysis:

```
# str_detect
genres = c("Drama", "Comedy", "Thriller", "Romance")
sapply(genres, function(g) {
  sum(str_detect(edx$genres, g))
})

# separate_rows, much slower!
edx %>% separate_rows(genres, sep = "\\|") %>%
  group_by(genres) %>%
  summarize(count = n()) %>%
  arrange(desc(count))
```

Submit

You have used 10 of 10 attempts

i Answers are displayed within the problem

Q6

1/1 point (graded)

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Which movie has the greatest number of ratings?

☐ Forrest Gump

☐ Jurassic Park

☒ Pulp Fiction

☐ The Shawshank Redemption

☐ Speed 2: Cruise Control



Submit

You have used 2 of 2 attempts

✓ Correct (1/1 point)

Q7

1/1 point (graded)

What are the five most given ratings in order from most to least?

☒ 4, 3, 5, 3.5, 2

☐ 3.5, 4.5, 1, 3, 5

☐ 0.5, 5, 1, 4.5, 1.5

☐ 5, 3, 1, 4.5, 3.5

☐ 2, 3.5, 5, 3, 4



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Submit

You have used 2 of 2 attempts

✓ Correct (1/1 point)

Q8

1/1 point (graded)

True or False: In general, half star ratings are less common than whole star ratings (e.g., there are fewer ratings of 3.5 than there are ratings of 3 or 4, etc.).

☒ True

☐ False



Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

Ask your questions or make your comments about the Movielens Quiz here! **Remember, one of the best ways to reinforce your own learning is by explaining something to someone else, so we encourage you to answer each other's questions (without giving away the answers, of course).**

Some reminders:

- Search the discussion board before posting to see if someone else has asked the same thing before asking a new question.
- Please be specific in the title and body of your post regarding which question you're asking about to facilitate answering your question.
- Posting snippets of code is okay, but posting full code solutions is not.
- If you do post snippets of code, please format it as code for readability. If you're

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not sure how to do this, there are instructions in a pinned post in the "general" discussion forum.

Discussion: Movielens Quiz

Topic: MovieLens Project / Movielens Quiz

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