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MovieLens Project Submission


MovieLens Project Submission

NEW MOVIELENS SUBMISSION

Status

This assignment has closed. One or more deadlines for this assignment have passed. You will receive an incomplete grade for this assignment.

▸ **Your Response** due Jun 18, 2019 07:59 +08 (in 0 minutes) 
INCOMPLETE

▸ **Assess Peers** due Jun 29, 2019 07:59 +08 (in 0 minutes) 
INCOMPLETE (0 OF 5)

▸ **Your Grade:** Not Started

MovieLens Grading Rubric

NOTE: Updated 1/18/2019

The following is the grading rubric your peers will be using to evaluate your project. There are also opportunities for your peers to provide written feedback as well (required for some categories and optional for others).

Files (10 points possible)

The appropriate files are submitted in the correct formats: a report in both PDF and Rmd format and an R script in either R or Rmd format.

- 0 points: No files provided

- 3 points: Multiple requested files are missing and/or not in the correct formats
- 5 points: One file is missing and/or not in the correct format
- 10 points: All 3 files were submitted in the requested formats

Report (40 points possible)

The report that documents the analysis and presents the findings, along with supporting statistics and figures. The report is written in English and uploaded. The report should include the RMSE generated. The report includes at least the following sections:

1. an introduction/overview/executive summary section that describes the dataset and summarizes the goal of the project and key steps that were performed
 2. a methods/analysis section that explains the process and techniques used, such as data cleaning, data exploration and visualization, any insights gained, and your modeling approach
 3. a results section
 4. a conclusion section
- 0 points: The report is either not uploaded or contains very minimal information.
 - 20 points: Multiple required sections of the report are missing.
 - 25 points: One required section of the report is missing.
 - 30 points: The report includes all required sections, but the report is significantly difficult to follow or missing significant supporting detail in multiple sections.
 - 35 points: The report includes all required sections, but the report is difficult to follow or missing supporting detail in one section (or has minor flaws in multiple sections).
 - 40 points: The report includes all required sections and is easy to follow with good supporting detail throughout.

Code (25 points)

The code in the R script should be well-commented and easy to follow. You are **not required** to run the code provided (although you may if you wish),

but you should visually inspect it.

- 0 points: No code provided.
- 10 points: Code appears that it would not run/is very difficult to follow or interpret.
- 20 points: Code appears that it would run without throwing errors, can be followed, is at least mostly consistent with the report, but has no comments or explanation.
- 25 points: Code is easy to follow, is consistent with the report, and is well-commented.

RMSE (25 points)

Provide the appropriate score given the reported RMSE. **Note that some projects may have been optimized for accuracy rather than RMSE - if accuracy is what was optimized for, please grade those projects accordingly.**

- 0 points: No RMSE reported.
- 5 points: $\text{RMSE} \geq 0.90000$
- 10 points: $0.88000 \leq \text{RMSE} \leq 0.89999$
- 15 points: $0.87917 \leq \text{RMSE} \leq 0.87999$
- 20 points: $0.87751 \leq \text{RMSE} \leq 0.87916$
- 25 points: $\text{RMSE} \leq 0.87750$

Have a question about the MovieLens project? Need some feedback on the best approach to take or some troubleshooting for a snippet of your code? You can ask your questions here!

You are encouraged to discuss **general approaches** to the MovieLens project. It is okay to post **small snippets** of code if you're having trouble getting a particular piece of code to run. However, you **may not post your entire R script** for the project.

Discussion: MovieLens Project

Show Discussion

