

Capstone Scrum



Team DoubleX
Xufeng Liu Yixu Zhou

Kanban board

Capstone

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AutomateShare

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Capstone + NEW TASKHIDE CLOSED

COMPLETE4 TASKS

	ASSIGNEE	DUE DATE	PRIORITY	STATUS	
Documentation	YZ	Jan 4	High	COMPLETE	
Lo-fi design	A	9/30/22	High	COMPLETE	
Hi-fi design	A	10/30/22	High	COMPLETE	
Basic interface	A Z	Jan 10	High	COMPLETE	

+ New task

IN PROGRESS2 TASKS

	ASSIGNEE	DUE DATE	PRIORITY	STATUS	
AI model	YZ	Feb 28	Medium	IN PROGRESS	
share function	A	Feb 28	Medium	IN PROGRESS	

+ New task

TO DO1 TASK

	ASSIGNEE	DUE DATE	PRIORITY	STATUS	
Server	A Z	Feb 28	Low	TO DO	

+ New task

Demo

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+

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Movie Recommender Systems

Python · The Movies Dataset

Notebook

Data

Logs

Comments (72)

Run

920.2s

Version 5 of 5

Beginner

Arts and Entertainment

Internet

Movies and TV Shows

Recommender Systems

Movies Recommender System

Table of Contents

Movies Recommender System

This is the second part of my Springboard Capstone Project on Movie Data Analysis and Recommendation Systems. In my first notebook (The Story of Film), I attempted at narrating the story of film by performing an extensive exploratory data analysis on Movies Metadata collected from TMDB. I also built two extremely relevant predictive models to predict movie revenue and movie success and visualise which features influence the output (revenue and success respectively).

In this notebook, I will attempt at implementing a few recommendation algorithms (content based, popularity based and collaborative filtering) and try to build an ensemble of these models to come up with our final recommendation system. With us, we have two MovieLens datasets.

- **The Full Dataset:** Consists of 26,000,000 ratings and 750,000 tag applications applied to 45,000 movies by 275,000 users. Includes tag genome data with 15 million relevance scores across 1300 tags.
- **The Small Dataset:** Comprised of 100,000 ratings and 1,300 tag applications applied to 8,000 movies by 700 users.

Search or jump to...

Pull requests

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Marketplace

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microsoft / recommenders

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main

6 branches

12 tags

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Code

migueltferrero Merge pull request #1856 from microsoft/staging

#18418 on Nov 21, 2022

8,228 commits

.devcontainer

Adding codespace deployment (#1521)

last year

github

Update github/workflows/pytest-publish.yml

2 months ago

contrib

Restored url line to remove linebreaks

5 months ago

docs

ssept

10 months ago

examples

nerun notebook

2 months ago

recommenders

nerun notebook and dynamic memory allocation

2 months ago

scenarios

feed type

7 months ago

tests

Register custom marks to avoid unknown mark warnings (#1855)

2 months ago

tools

new docker images

8 months ago

.gitignore

update setup

last year

.readthedocs.yaml

clarification

10 months ago

AUTHORS.md

simon

2 months ago

CODE_OF_CONDUCT.md

conduct

last year

CONTRIBUTING.md

Update CONTRIBUTING.md

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GLOSSARY.md

Update GLOSSARY.md

2 years ago

LICENSE

Initial commit

4 years ago

MANIFEST.in

replacing 793 occurrences across 246 files with recommenders

last year

About

Best Practices on Recommendation Systems

microsoft-recommenders.readthedocs.io/...

microsoft

python

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Security policy

15k stars

264 watching

2.6k forks

Releases 12

Recommendors 1.1.1

on Jul 19, 2022

Thank you!