

Movie Recommender Systems

Pragna :19WH1A0503 :CSE
Aishwarya :19WH1A0518 :CSE
Pooja :19WH1A1284 :IT
Vaishnavi :19WH1A12B9 :IT
Shanitha :19WH1A0433 :ECE

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Problem Statement

- Movie data analysis and Recommendation systems based on MovieLens datasets.

Introduction

- Movie recommender systems divide into three parts.
- Content based.
- Collaborative filtering.
- Hybrid recommender.

Approach

- Importing required libraries
- Data extraction from MovieLens datasets.
- Data exploration.
- Data manipulation.
- Demographic recommender.
- TF*IDF to indicate overall importance of each code.
- Cosine similarity.
- Single Value Decomposition.
- Testing and training the data.
- Predicting the list of movies.

Libraries Required

- Numpy
- Pandas
- CSV
- Scikit Learn
- Surprise
- NLTK

Git repo



<https://gitlab.com/19wh1a0503/movie-recommendations>

THANK YOU