



By: RINAE Apps™

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Meet the Team

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Content

- Introduction
- Problem statement
- Exploring the Data
- Machine Learning
- App development
- Conclusion



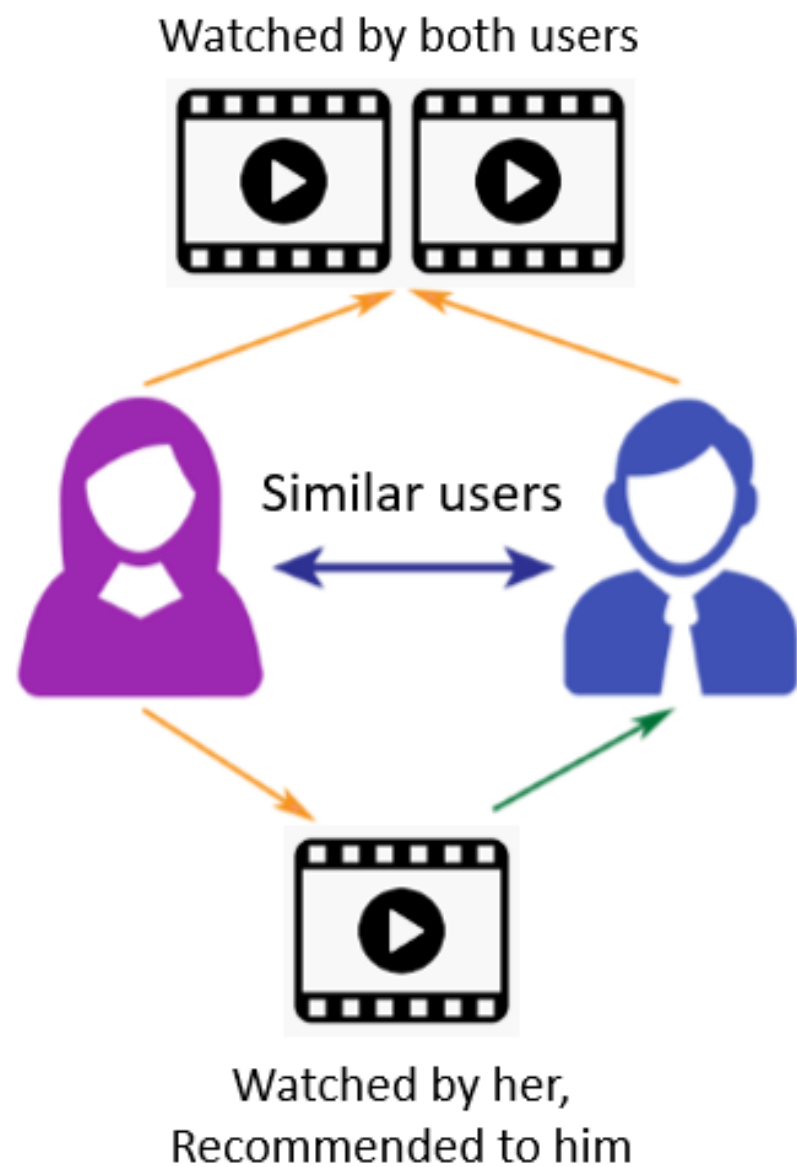
Introduction



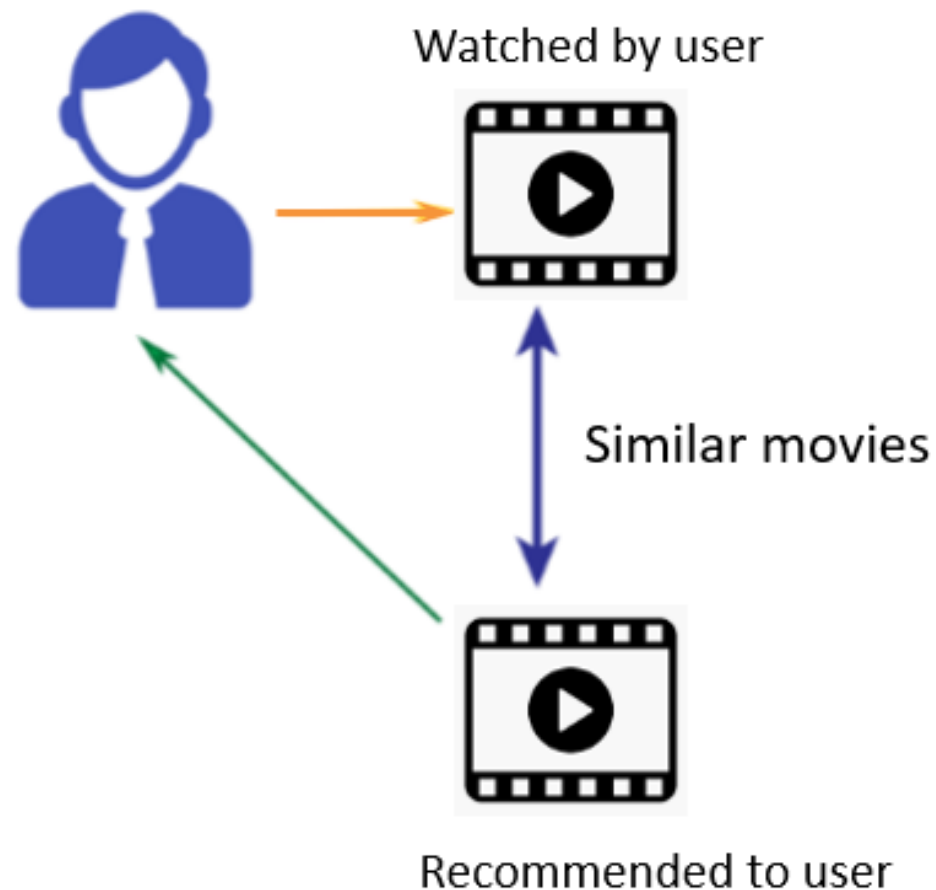


Real Python

Collaborative Filtering

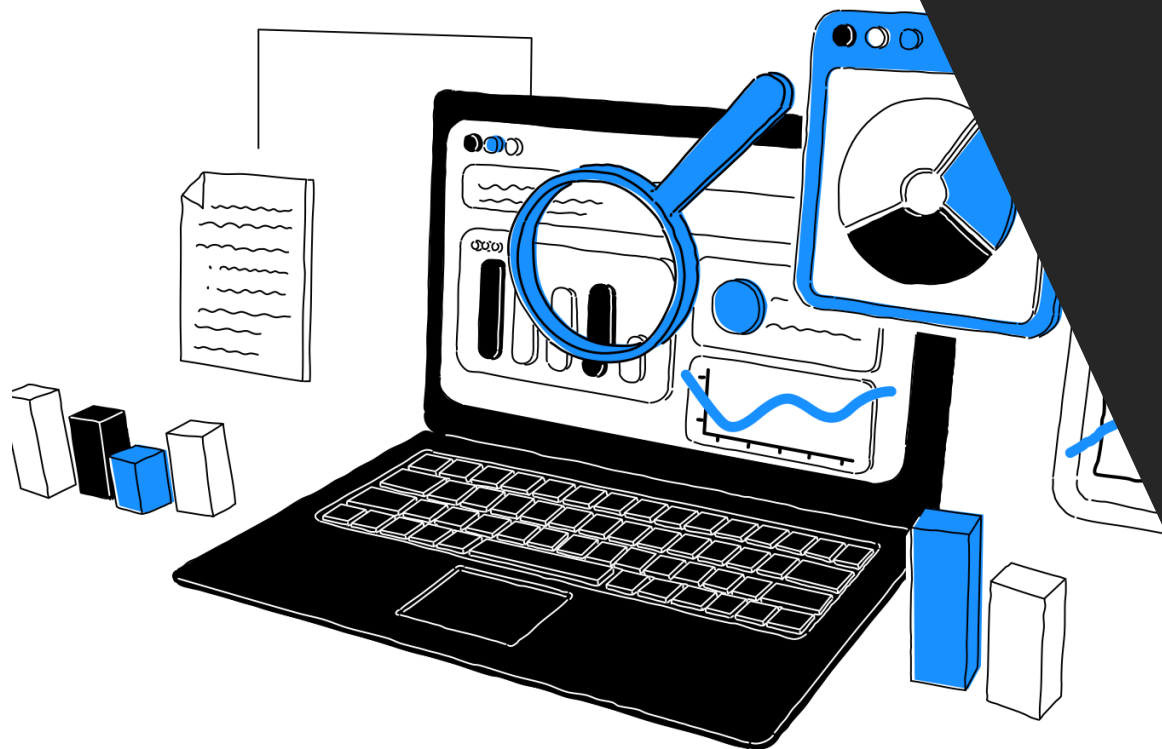


Content-Based Filtering



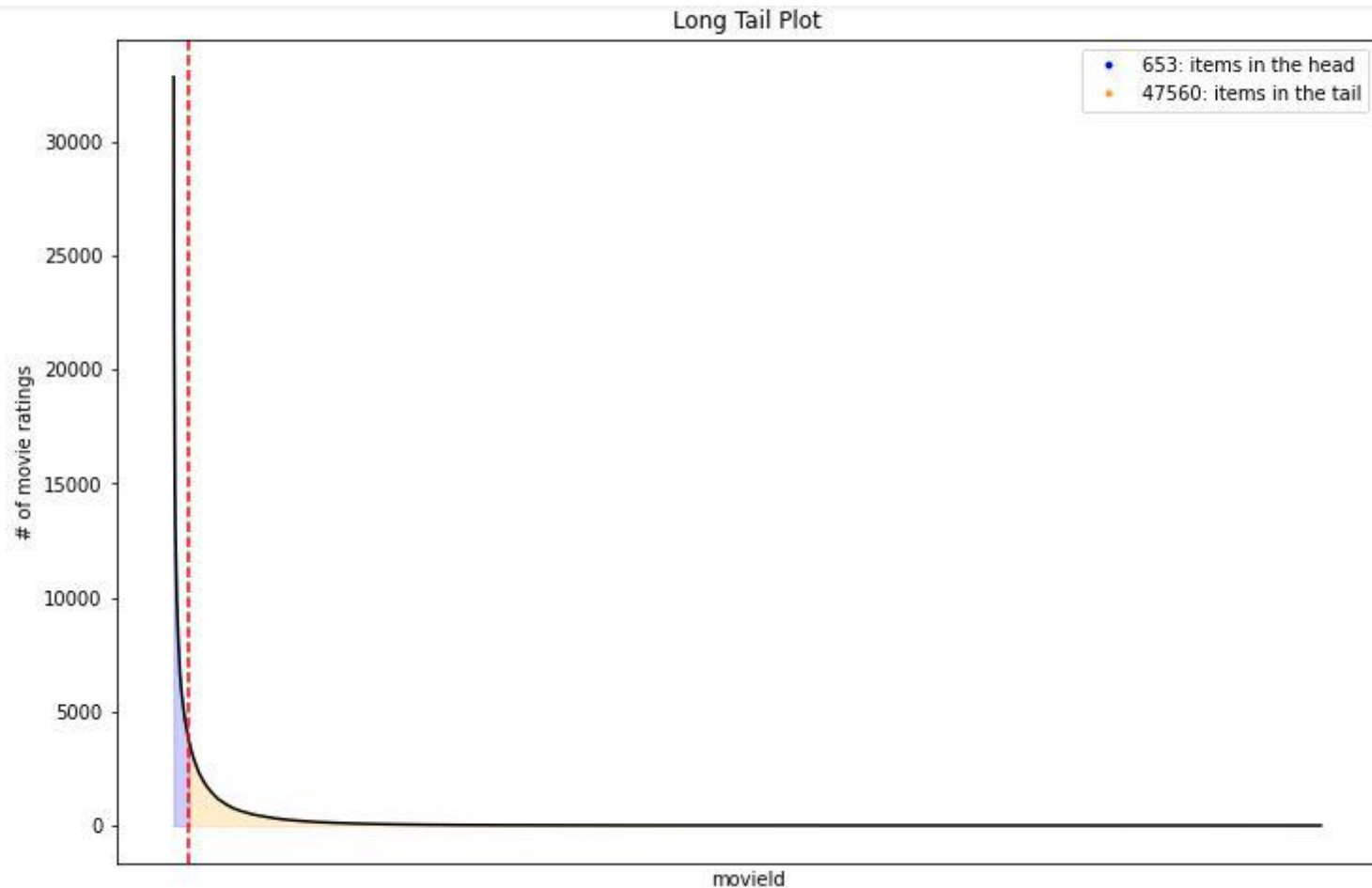


Problem Statement



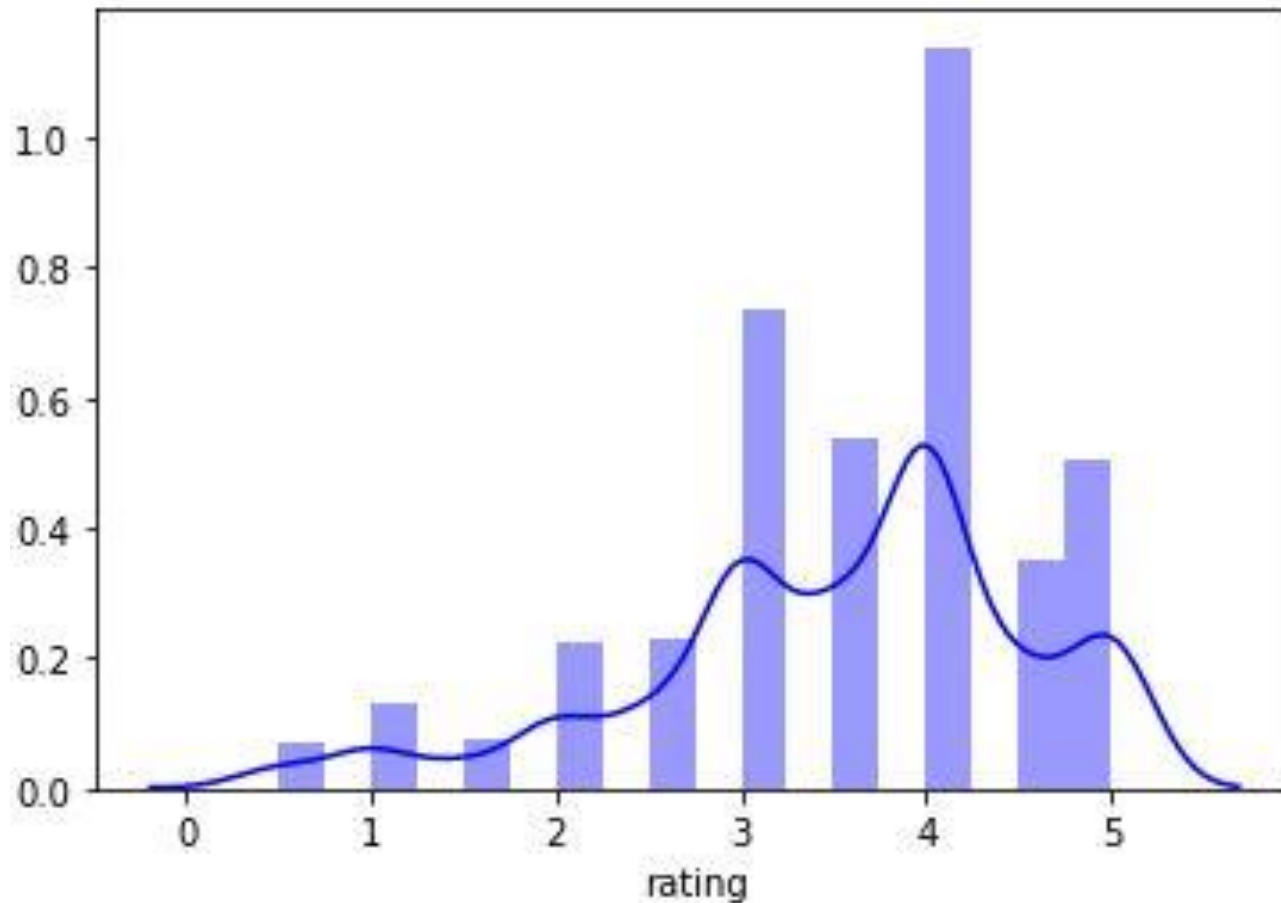
Understanding data

Popular Movies



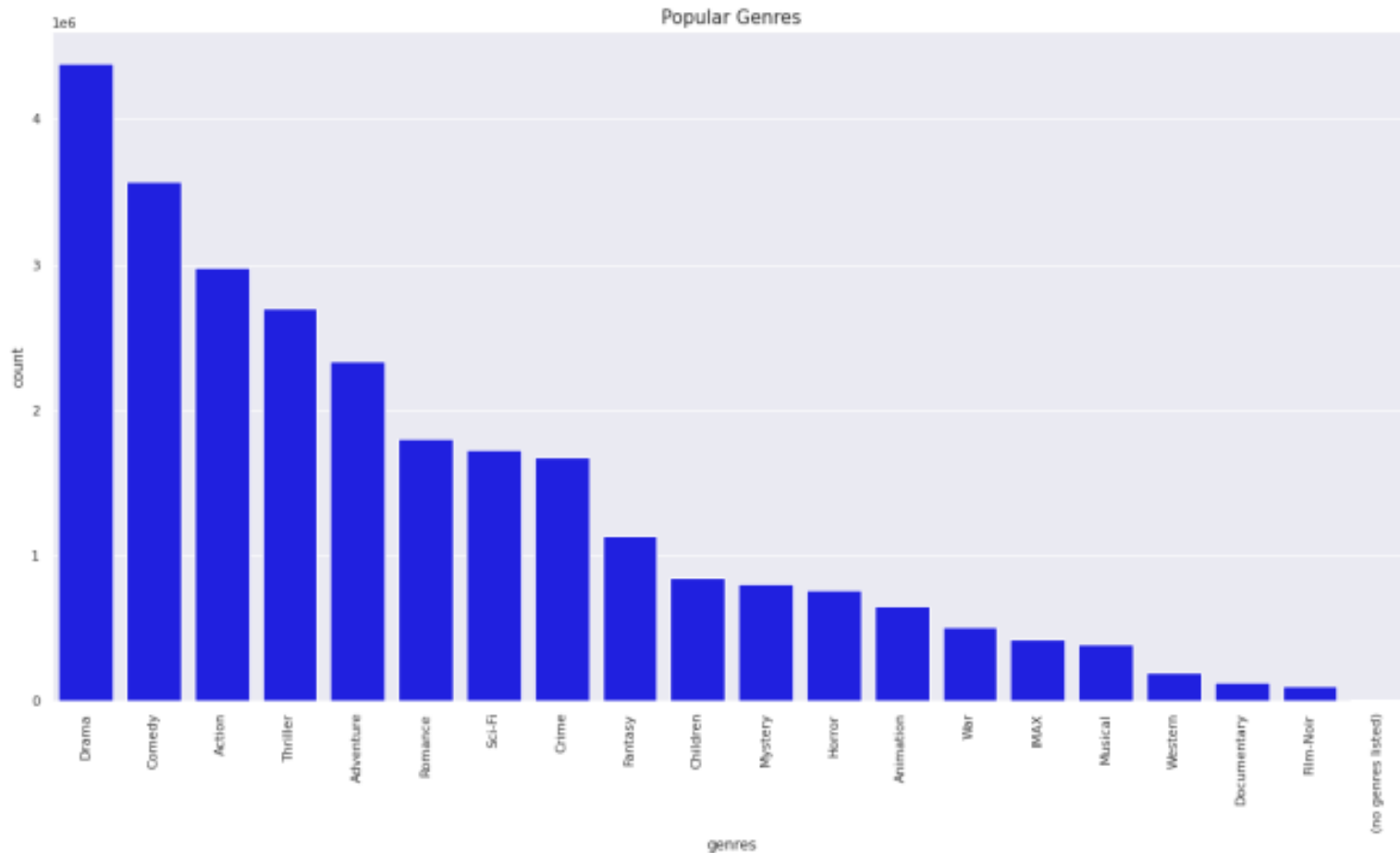
- 653 popular movies and 45760 unpopular movies.

Ratings by Movie Users



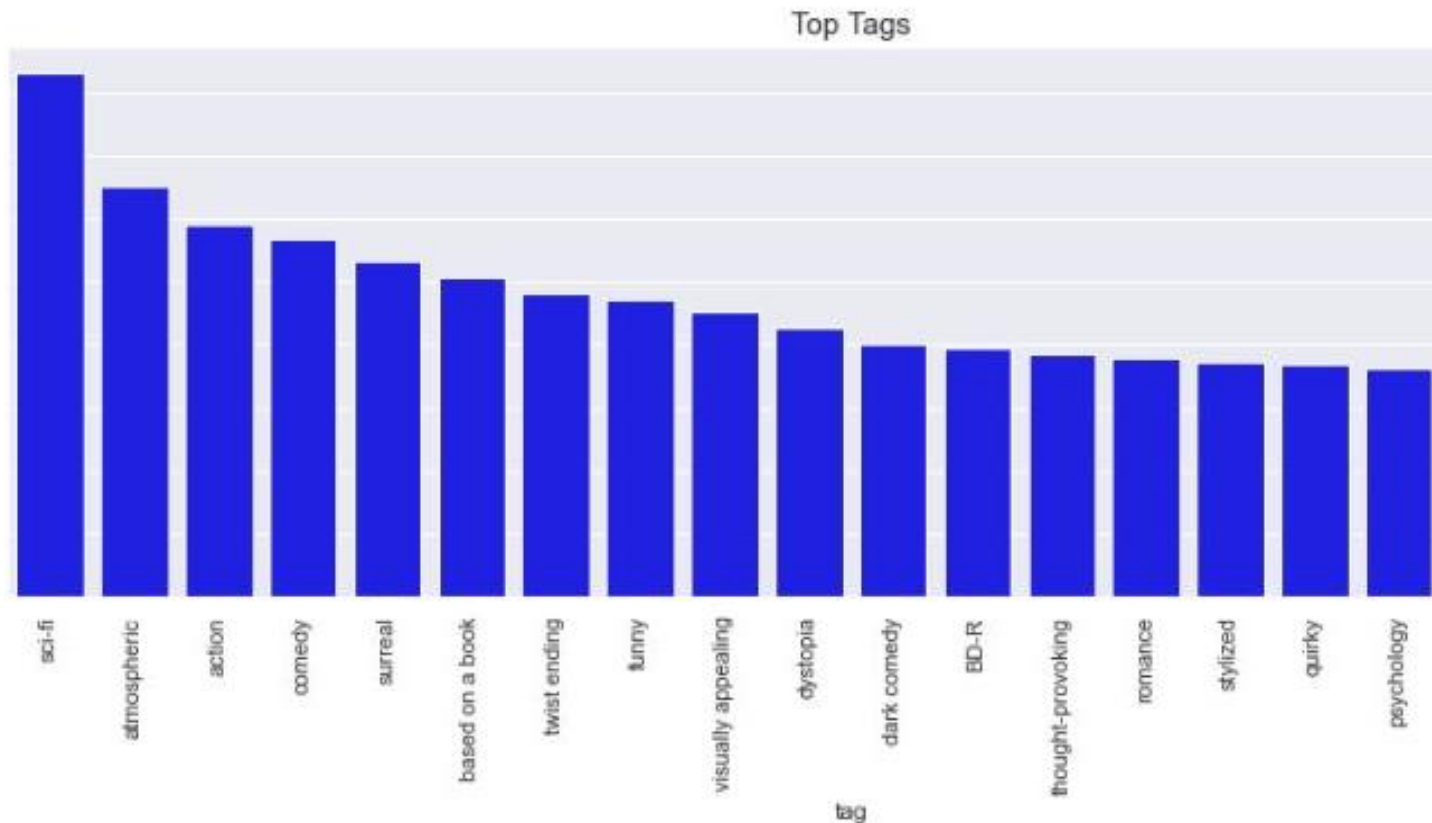
- Most movies received ratings of 4, while others received less

Popular Movie Genres



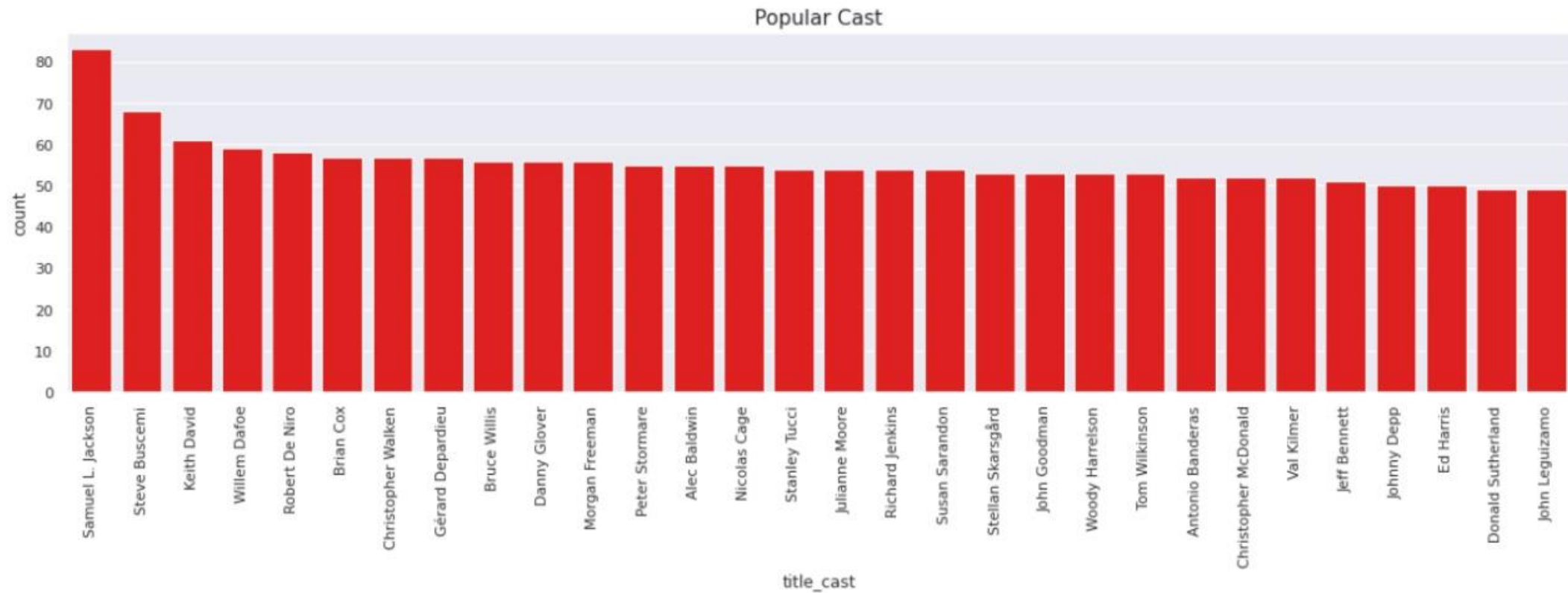
- Drama, Comedy and Thriller are top 3 most common movie genres.

Popular Movie Tags

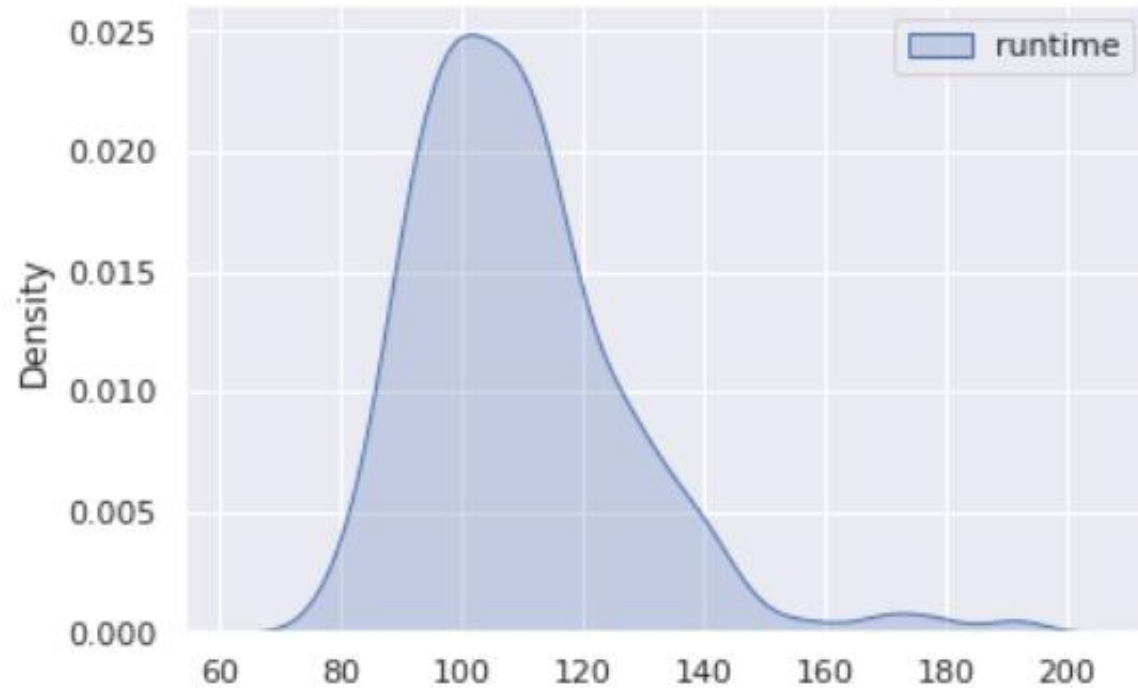


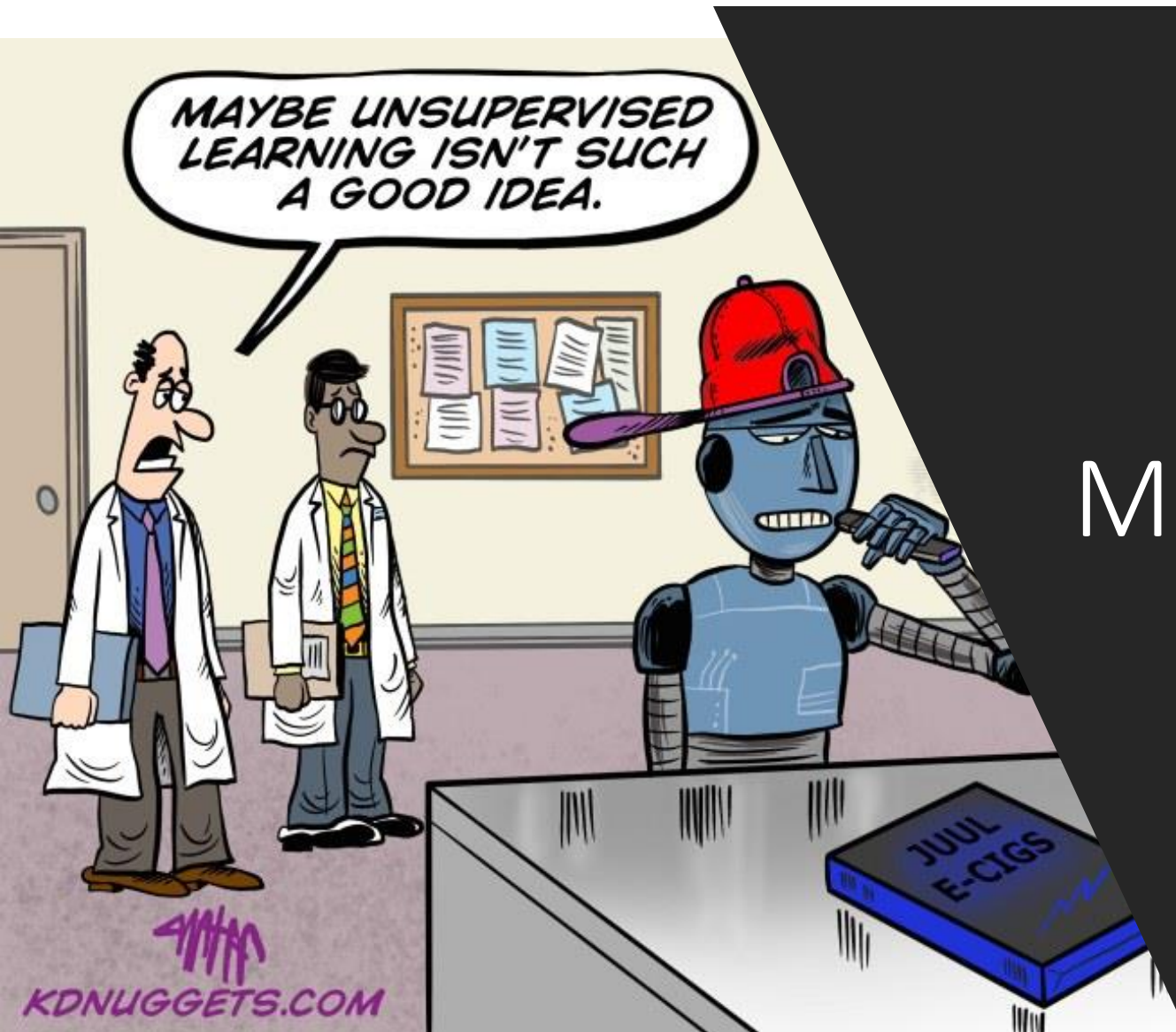
- Sci-fi is the most popular tag while classic has the least number of counts.

Popular Cast Members



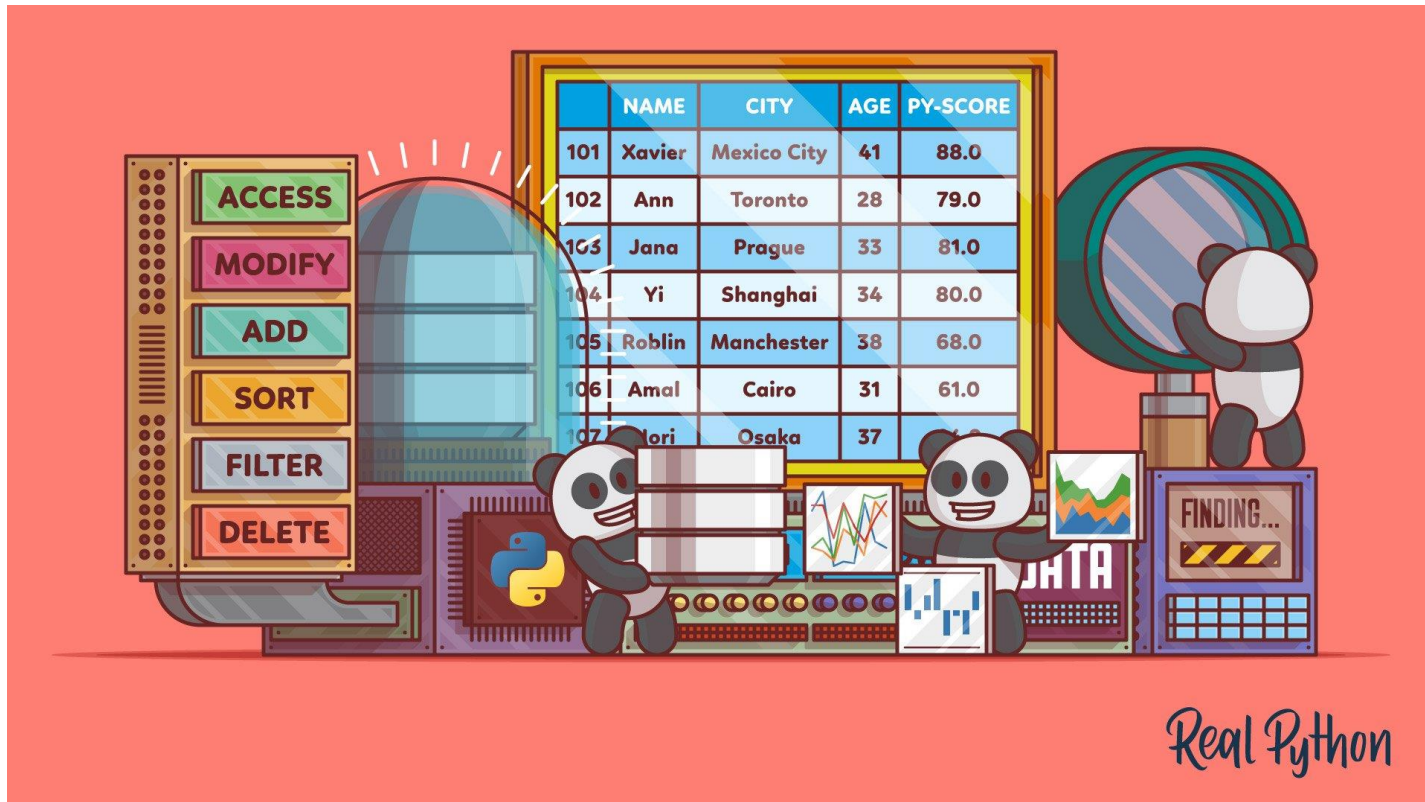
Movie Runtime





Machine Learning

Preparing our data

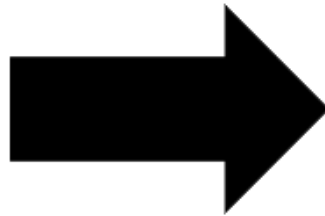


- Data cleaning
- Dealing with missing values
- Engineer new features

Modeling

Training

Extract patterns from data



Evaluating

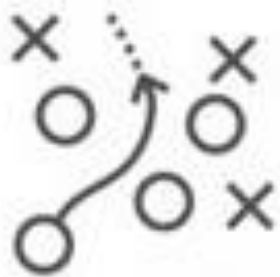
Use patterns to predict results





App Development

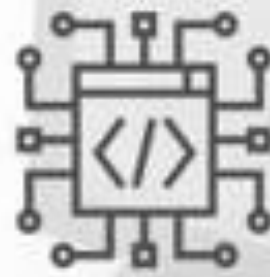
4 Stages of App Development



Pre-design



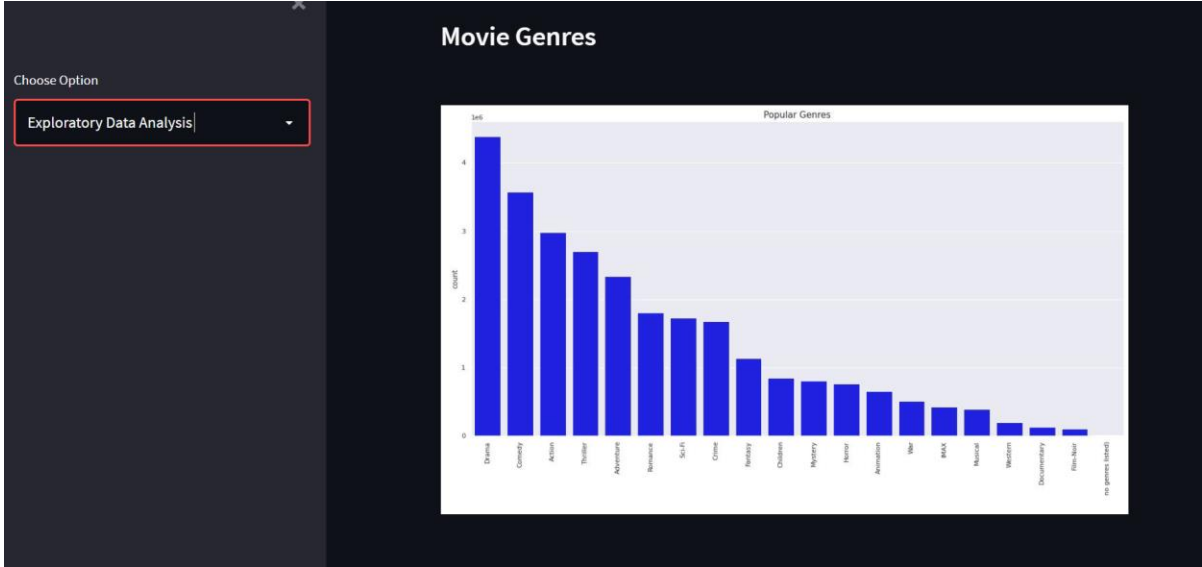
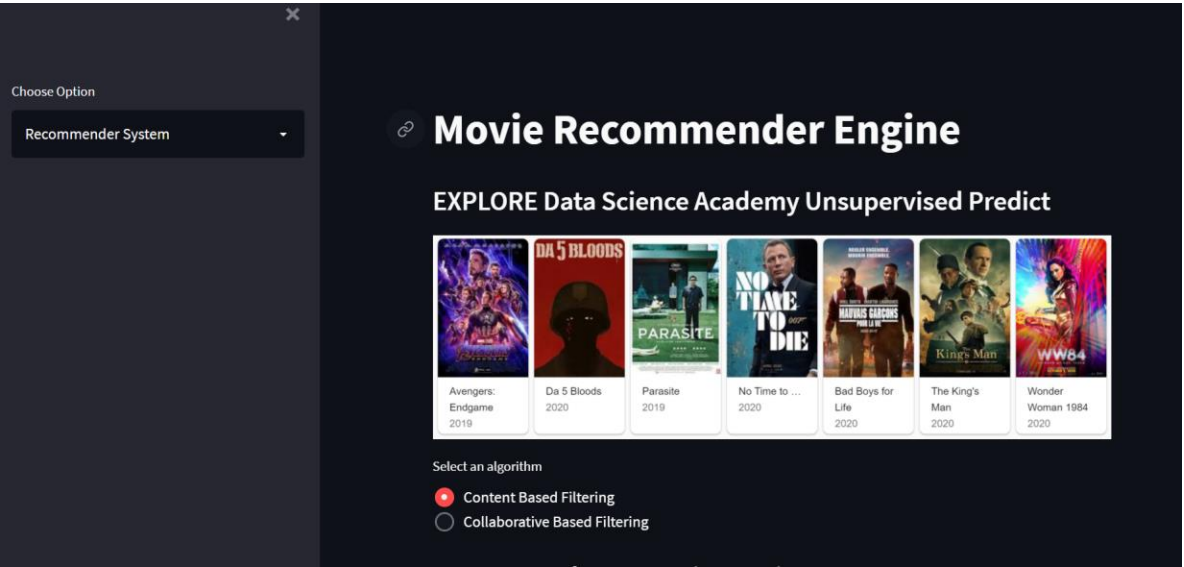
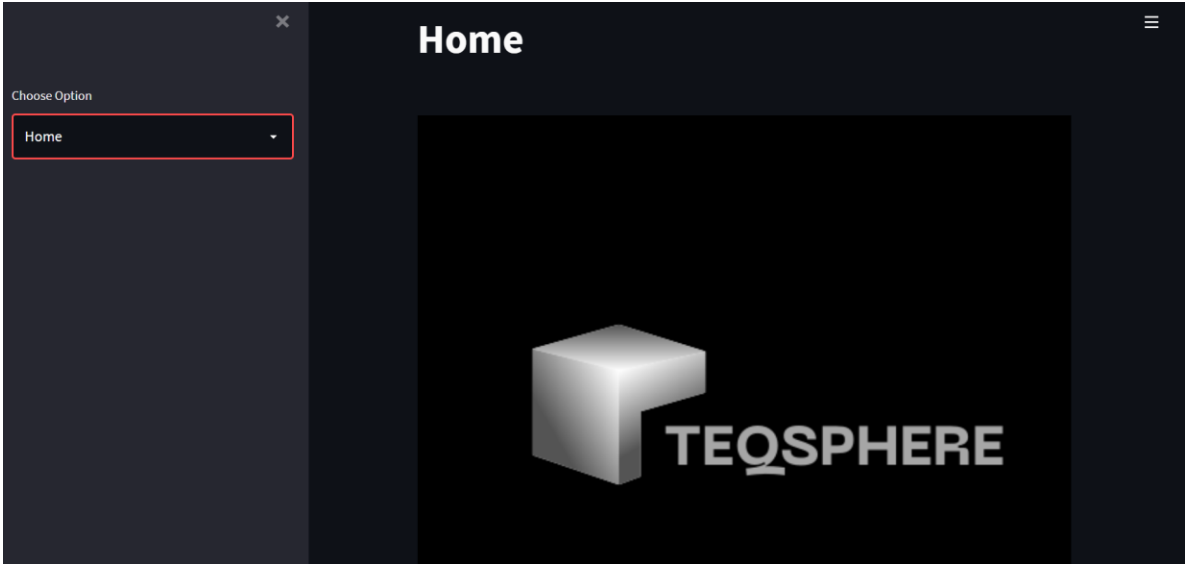
Design



Development



Support



Conclusion



Thank You