

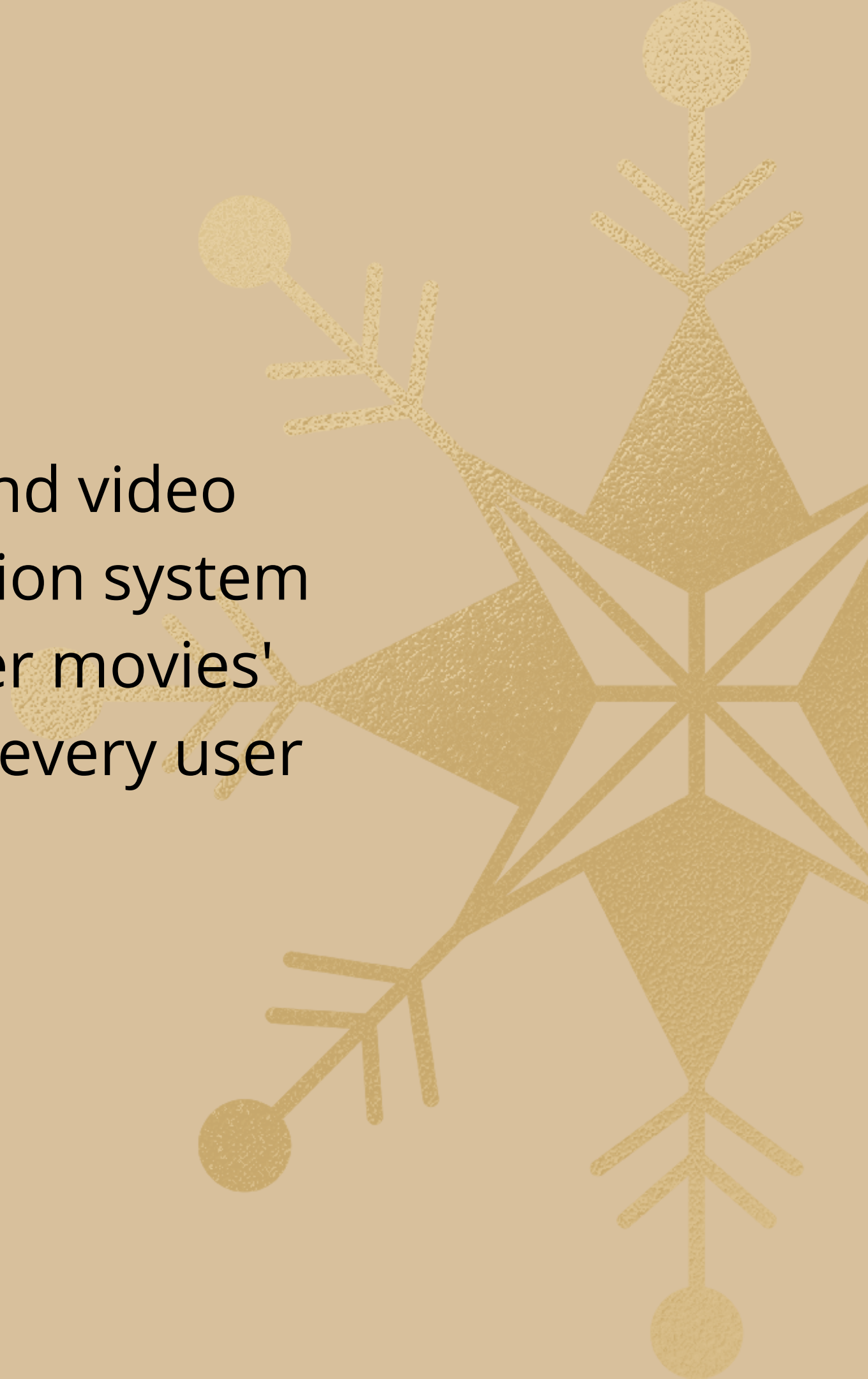


NETFLIX MOVIE RECOMMENDATION SYSTEM

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Problem Statement

Netflix is a platform that provides online movie and video streaming. Netflix wants to build a recommendation system to predict a list of movies for users based on other movies' likes or dislikes. This recommendation will be for every user based on his/her unique interest.



INTRODUCTION

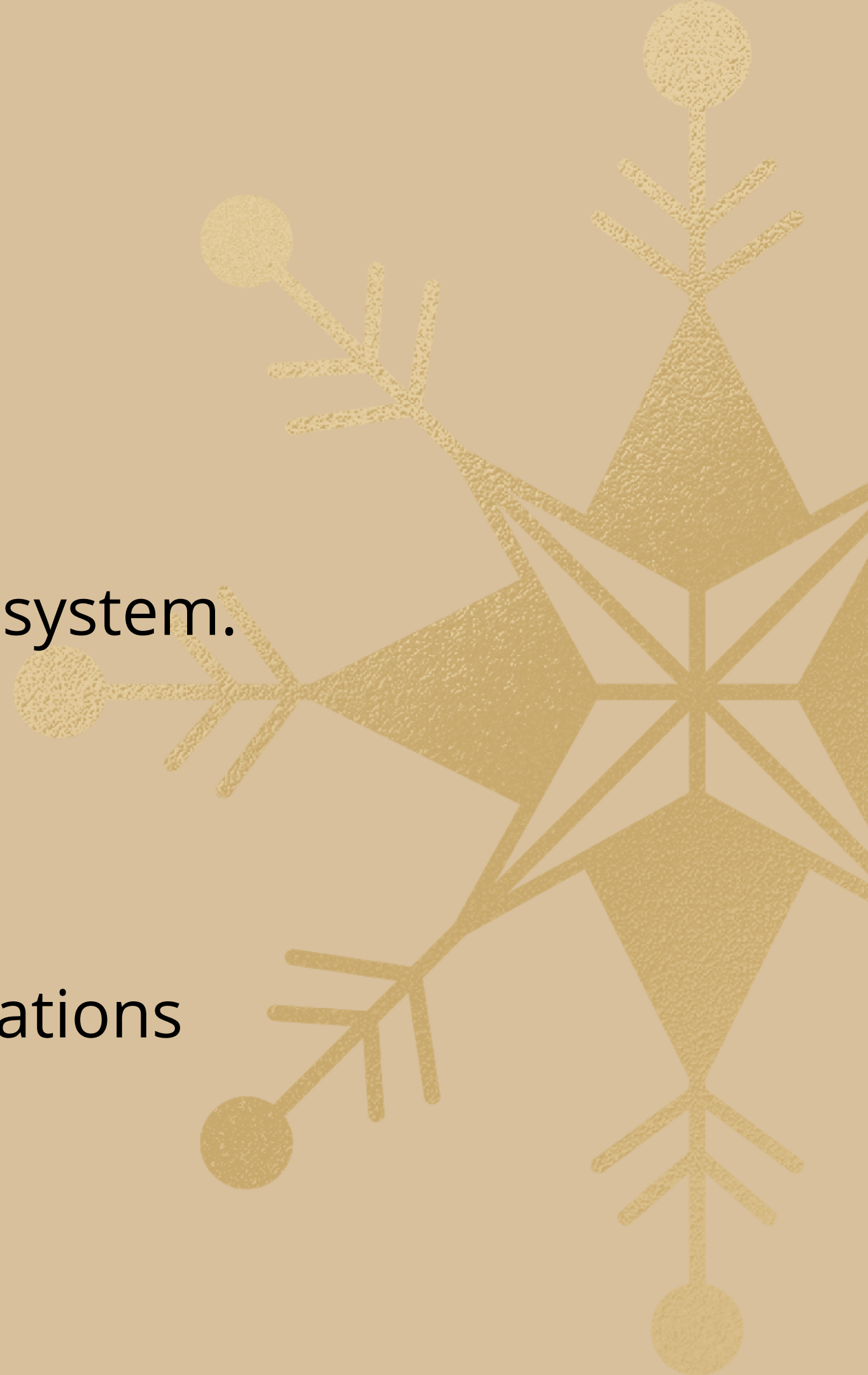
A cluster of five stylized starburst or snowflake-like shapes in shades of gold and orange, positioned to the left of the 'REQUIREMENTS' header.

REQUIREMENTS

- Build a complete movie recommendation system.

GOAL

- User can view personalized recommendations
- User can input new ratings
- Interactive



DATASET

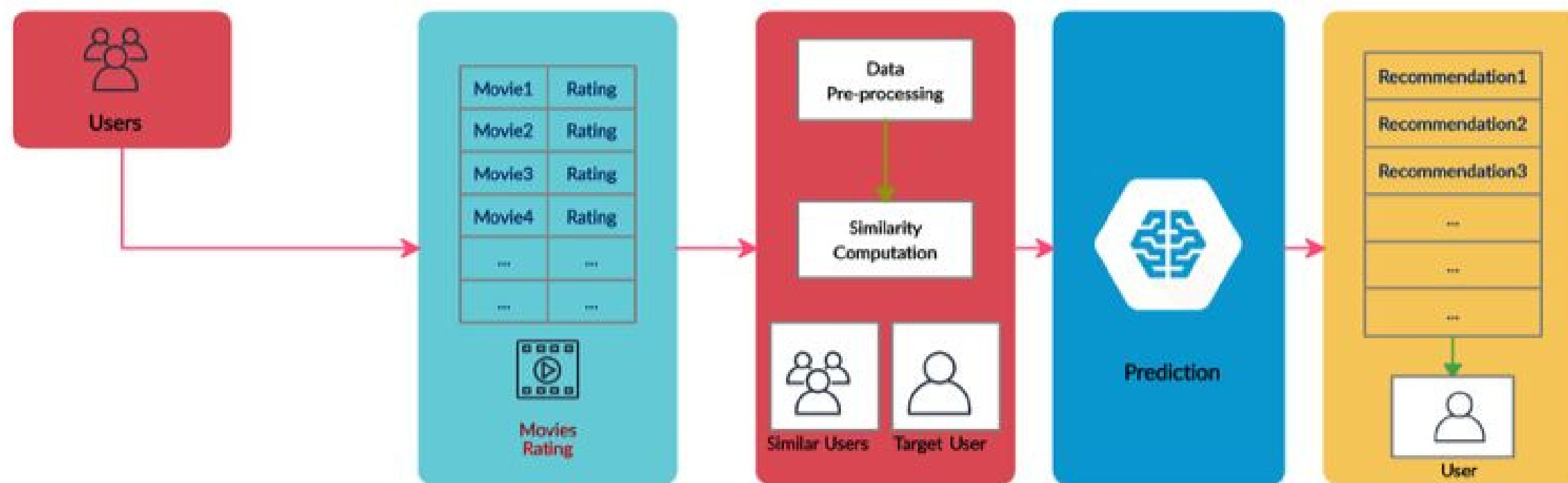
<https://www.kaggle.com/shivamb/netflix-shows>

75% of what people are watching on Netflix comes from recommendations

Netflix Real-time data cases:
More than 20,000 movies and shows.
2 million users.



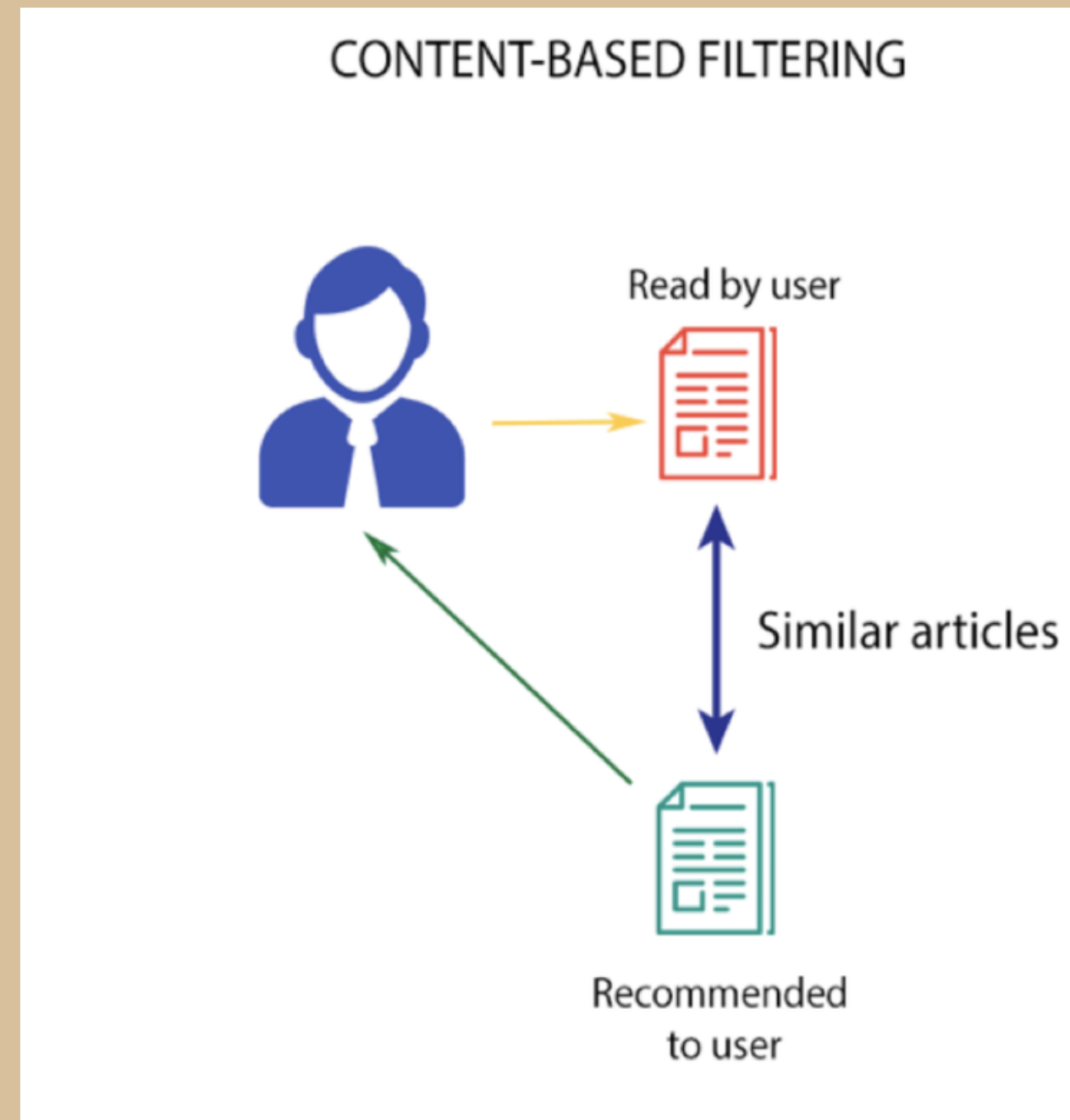
Netflix recommendation workflow



NETFLIX

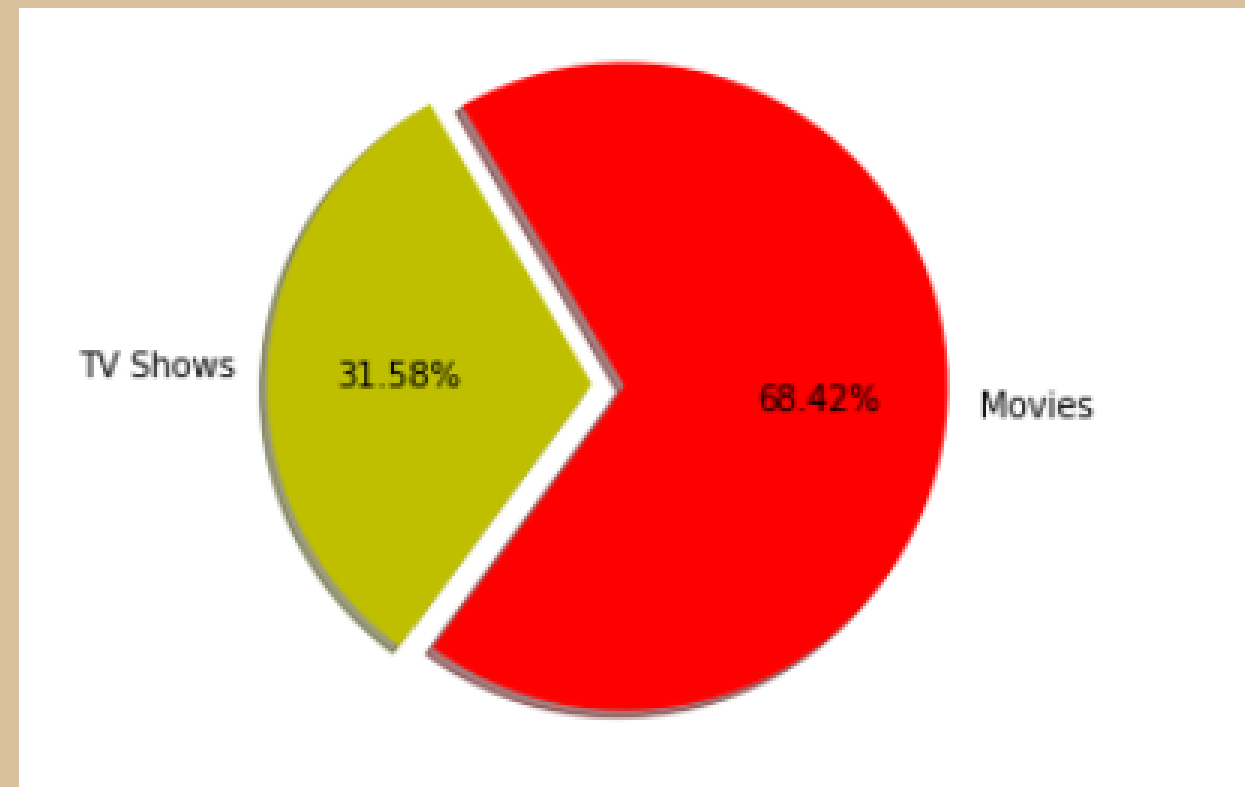


CONTENT-BASED FILTERING



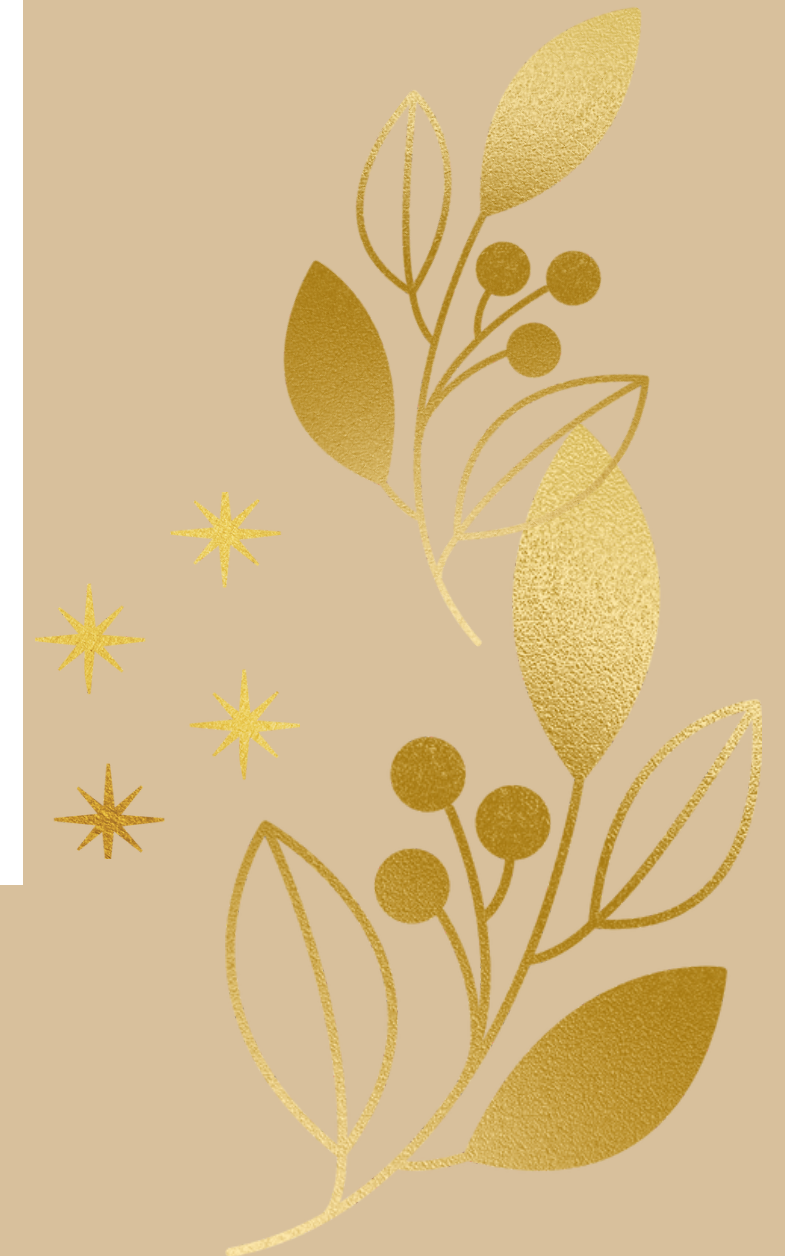
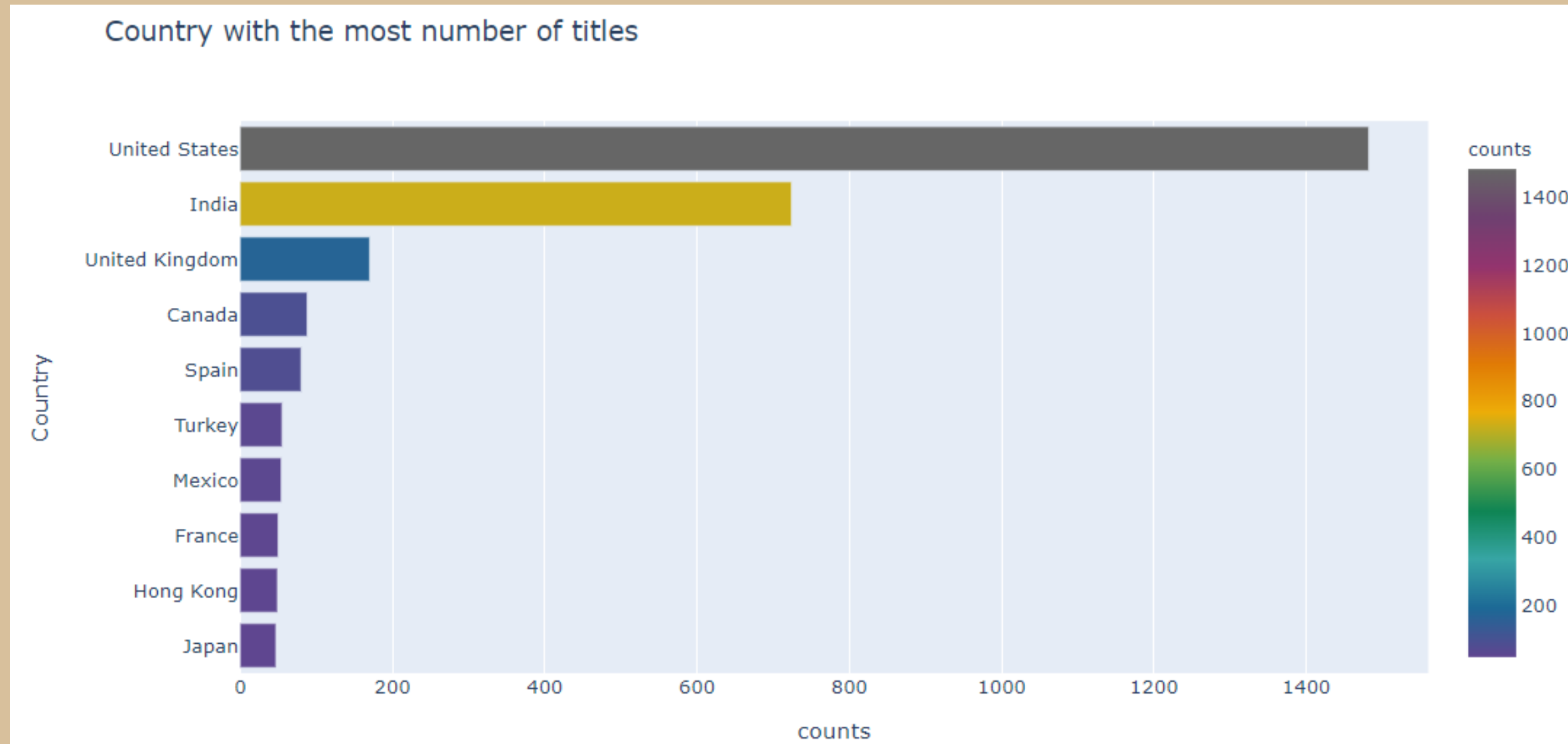
ANALYSIS

#comparing number of shows and movies



ANALYSIS

#country with the most number of titles



RESULT

Given a user, recommend a simple movie list for the user based on the following:

- What the user has watched and rated before
- What they haven't watched or rated before

```
#print the title of top 5 similar movies|  
selectmovie('automata')
```

Top 5 similar movies to automata are:

```
the birth reborn  
stonehearst asylum  
frozen planet: on thin ice  
sweetheart  
i am the pretty thing that lives in the house
```



CONCLUSION

Our project determines a recommended movie list given a specific user



THANK
YOU

