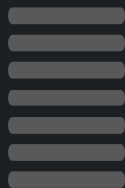




# Douban Movie Finder

Find similar movies to the  
ones you like!

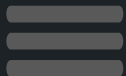


# About the app

- Many recommender systems, does not have a lot of **Chinese movies** available in their database.
- In addition, those RS are built upon mainly data from non-Chinese people and therefore would generate biased result for Chinese users.
- There are some Chinese OTT platforms like IQIYI which provide recommendations, those are designed for specific platforms and will only recommend movies that are available on that platform.
- Therefore, a movie finder designed specifically for Chinese people would be very helpful.

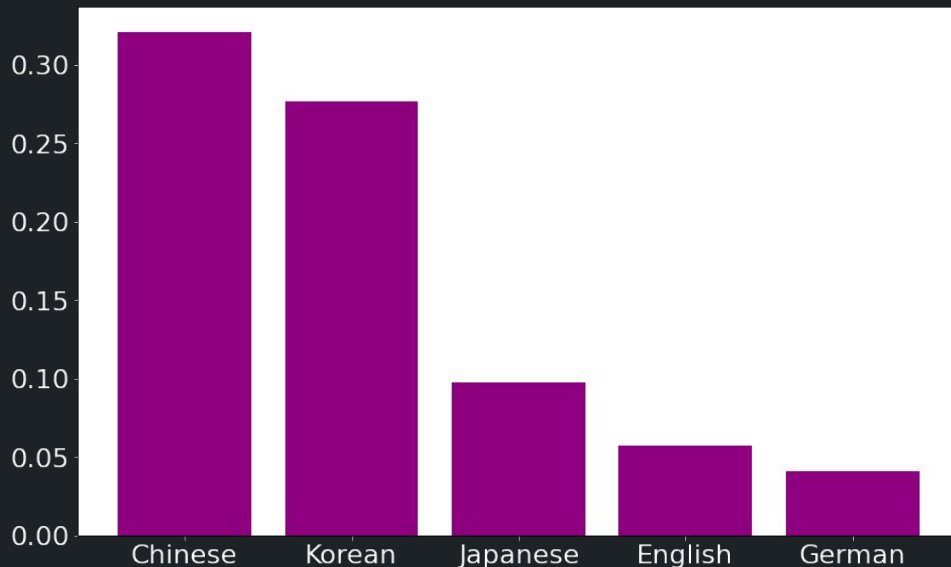
# Demo

<http://douba-publi-gtl7ynd3pnjt-1893791097.us-east-1.elb.amazonaws.com/>



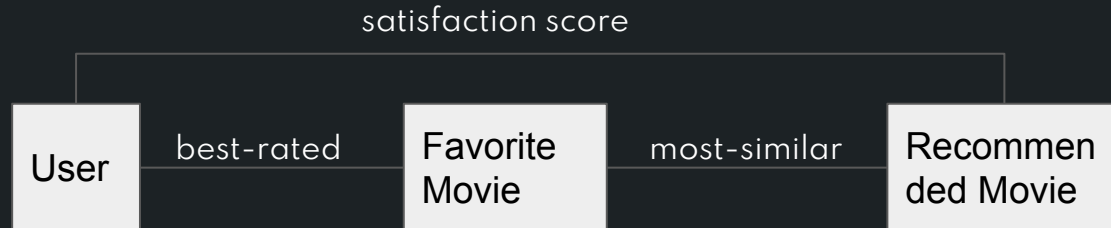
# Dataset

The original data was scripted from the Douban platform and used in a research. It contains movies, ratings and some external info.



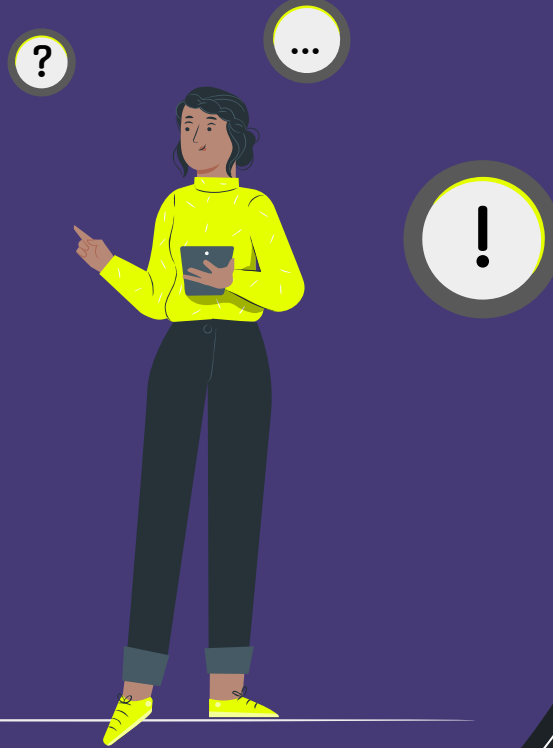
# Model & Evaluation

- The item-based collaborative filtering algorithm is used. Two movies are similar if they have higher correlation in user ratings.
- The app is considered successful if its average satisfaction score among all users is greater than 3.8 (the global average rating).



## Some Insights

One insight I found is that the model recommends mostly Chinese movies if a Chinese movie is given, and similarly for movies of other languages.





# Thank You

Do you have any questions?  
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Visit the App!