WBSFLIX

Recommender System

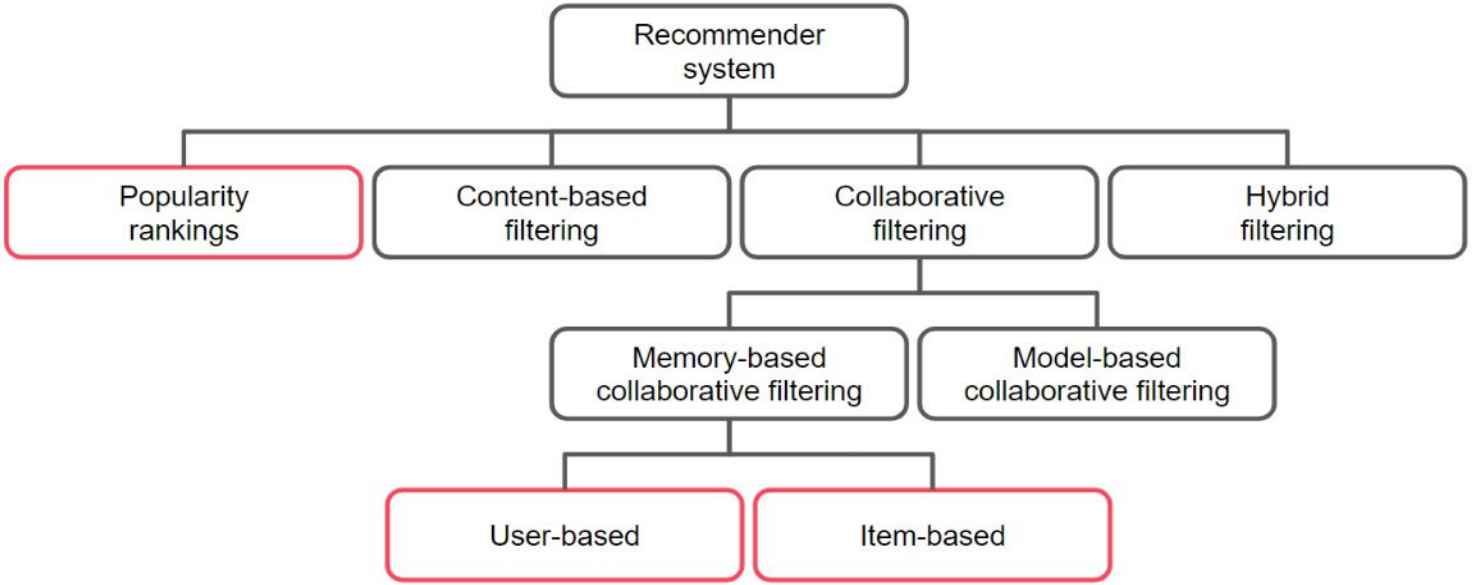
Presented by : Group - 3

Recommender System for WBSFLIX

- WBSFLIX is a DVD store near Berlin.
- The task is to build a recommender system for WBSFLIX
- WBSFLIX shared store database

WBSFLIX

Filtering to suggest relevant items



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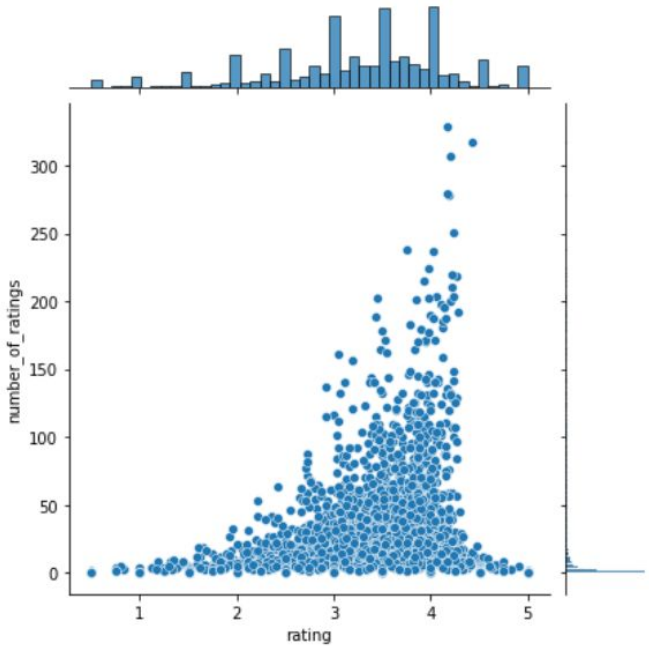
Most watched movies based

- Simple and non-personalized approach
- Considered **balance** of rating (top_10 movies rating count 200-330)



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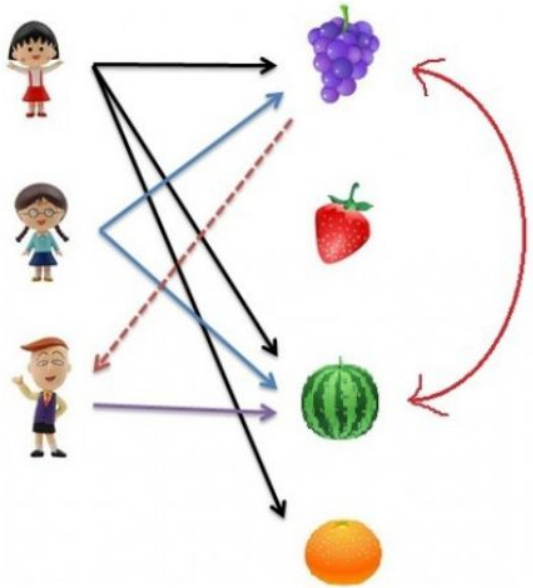
Item based filtering

- Focused on items (movies)
- **Rating count >= 100/movie**
- Calculated similarity among the movies using **Pearson's correlation**
- Recommendations



Item-based filtering

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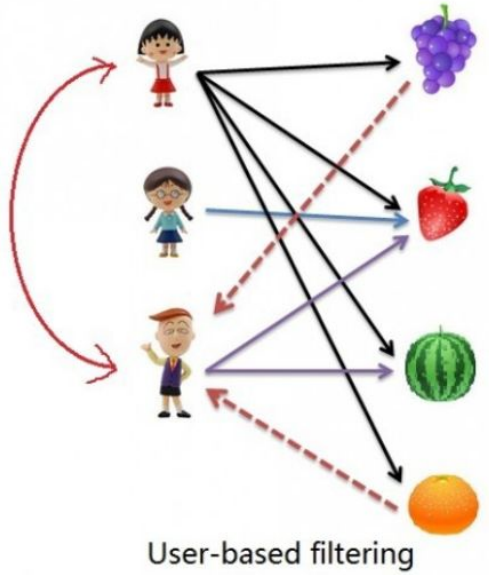
User based filtering

- Focused on users
- Replace missing values
- Calculated similarity using **cosine similarity**
- Turn similarities into weights
- Estimate the missing rating
- Recommendations



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Streamlit App and Chatbot

1. https://recommender-system-flix.herokuapp.com/

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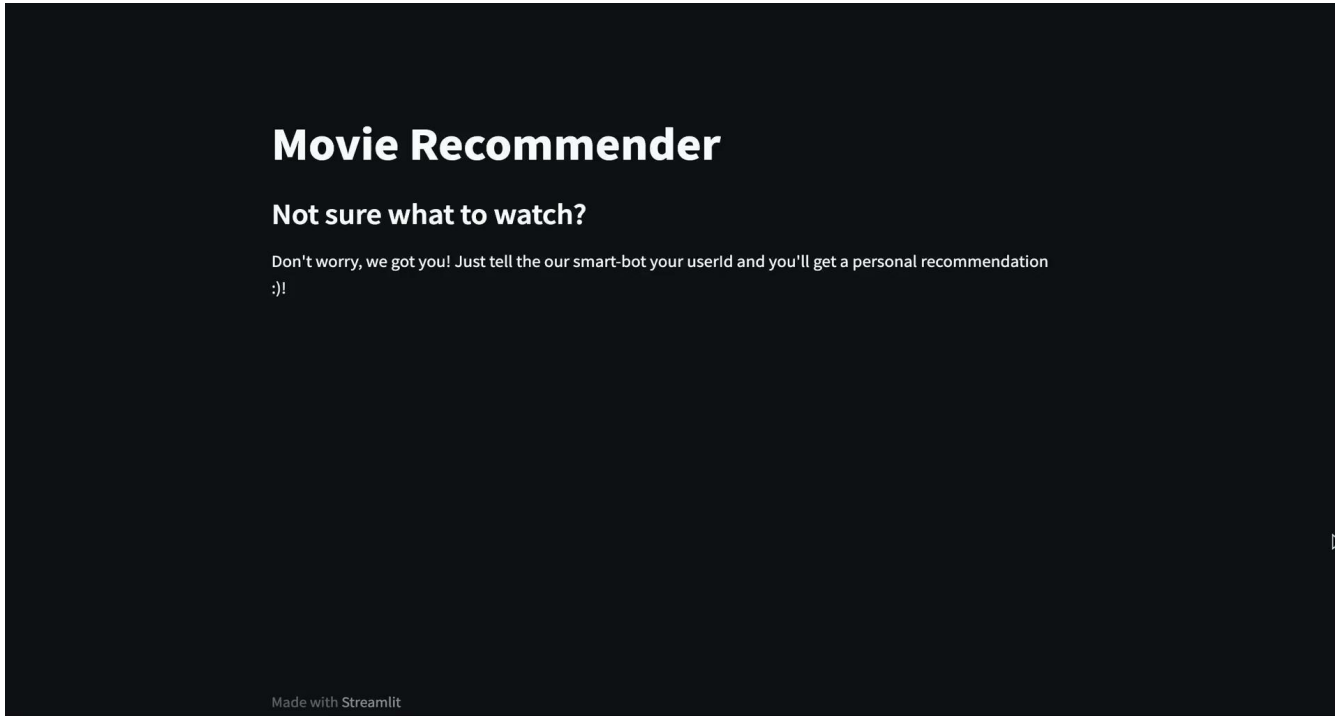
Chatbot Video



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