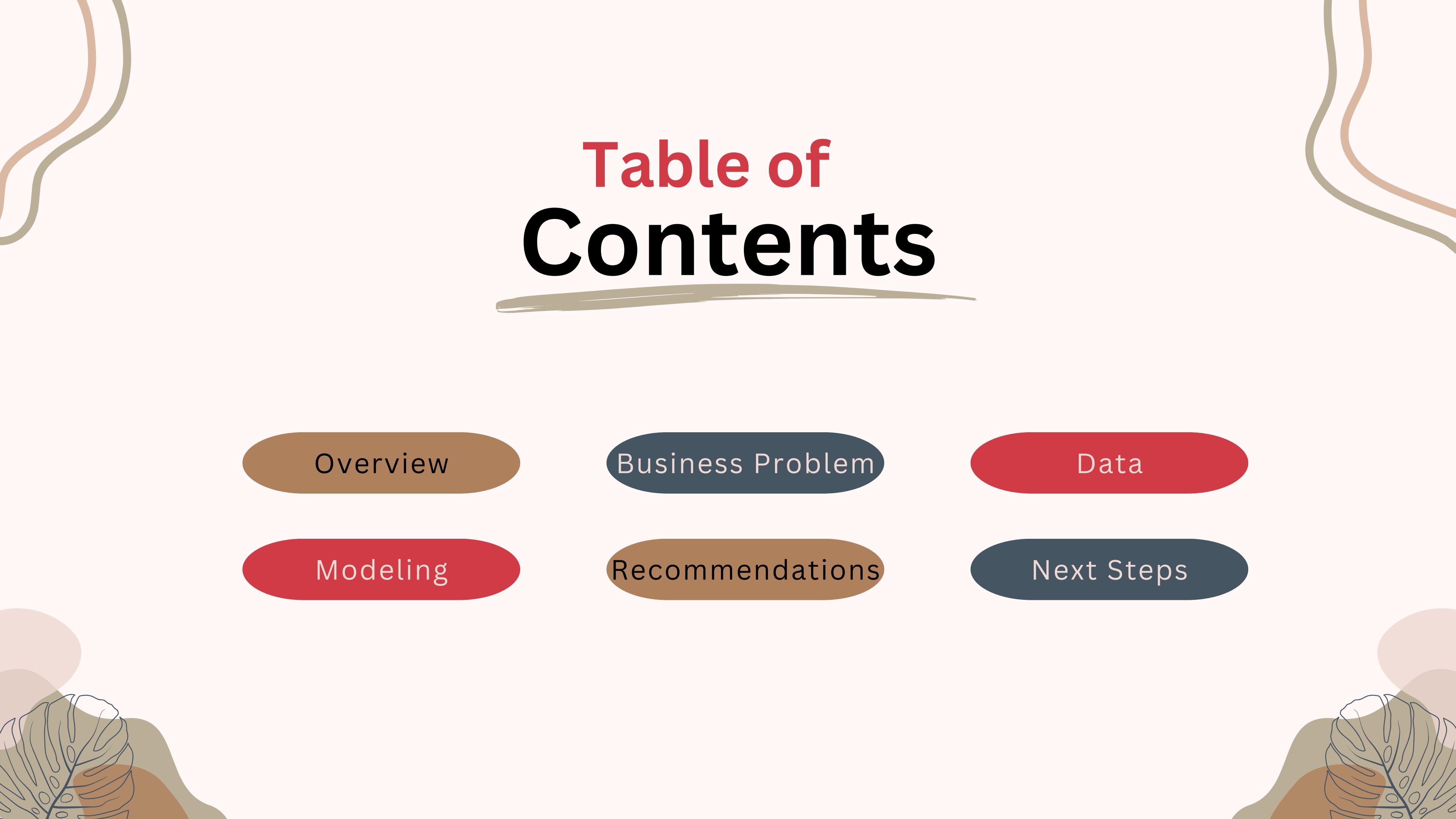


Anime Recommendation Systems



Clara Giurgiu

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Overview



Recommendation system for new members and current subscribers

Content-based

Collaborative Filtering

Business Problem



Growing Market



- New shows released constantly
 - Decision Fatigue
 - Competition
- 

Our Role



- Help anime fans discover new shows that they will enjoy
- Curated list based on content/preferences

Data

MyAnimeList

Anime Dataset

- 12K shows
- Title
- Genre

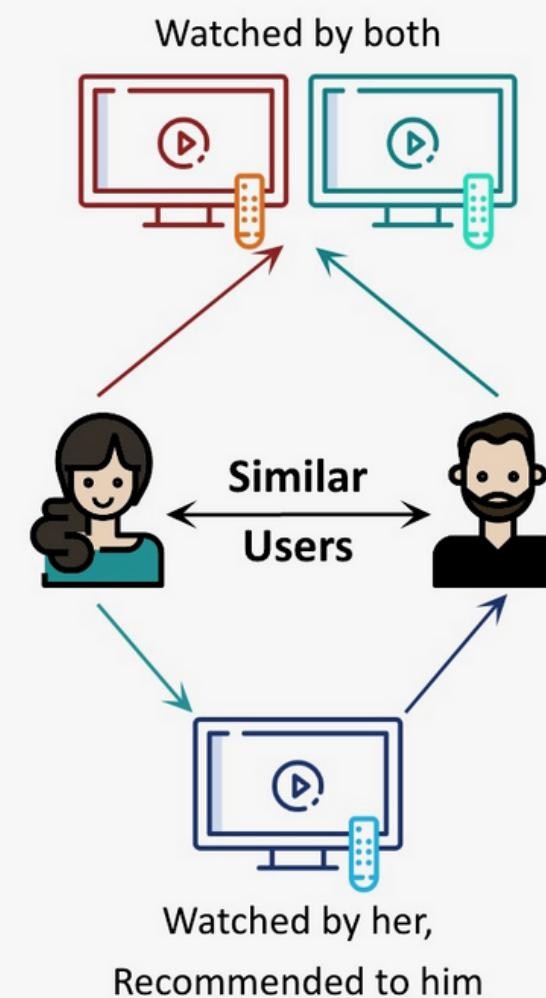
Kaggle

Ratings Dataset

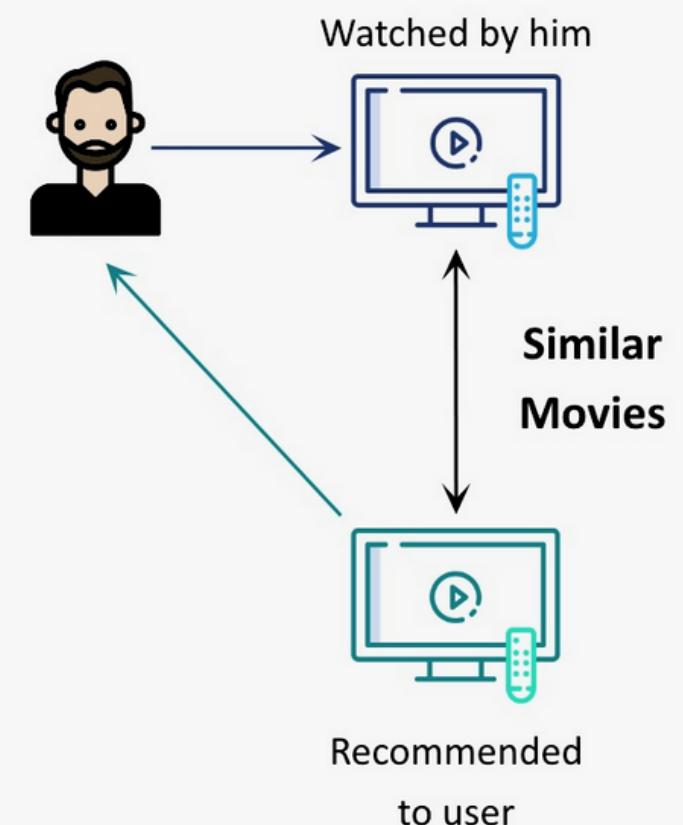
- 7M
- User ID
- Rating 1-10

Modeling

Collaborative Filtering



Content-Based Filtering

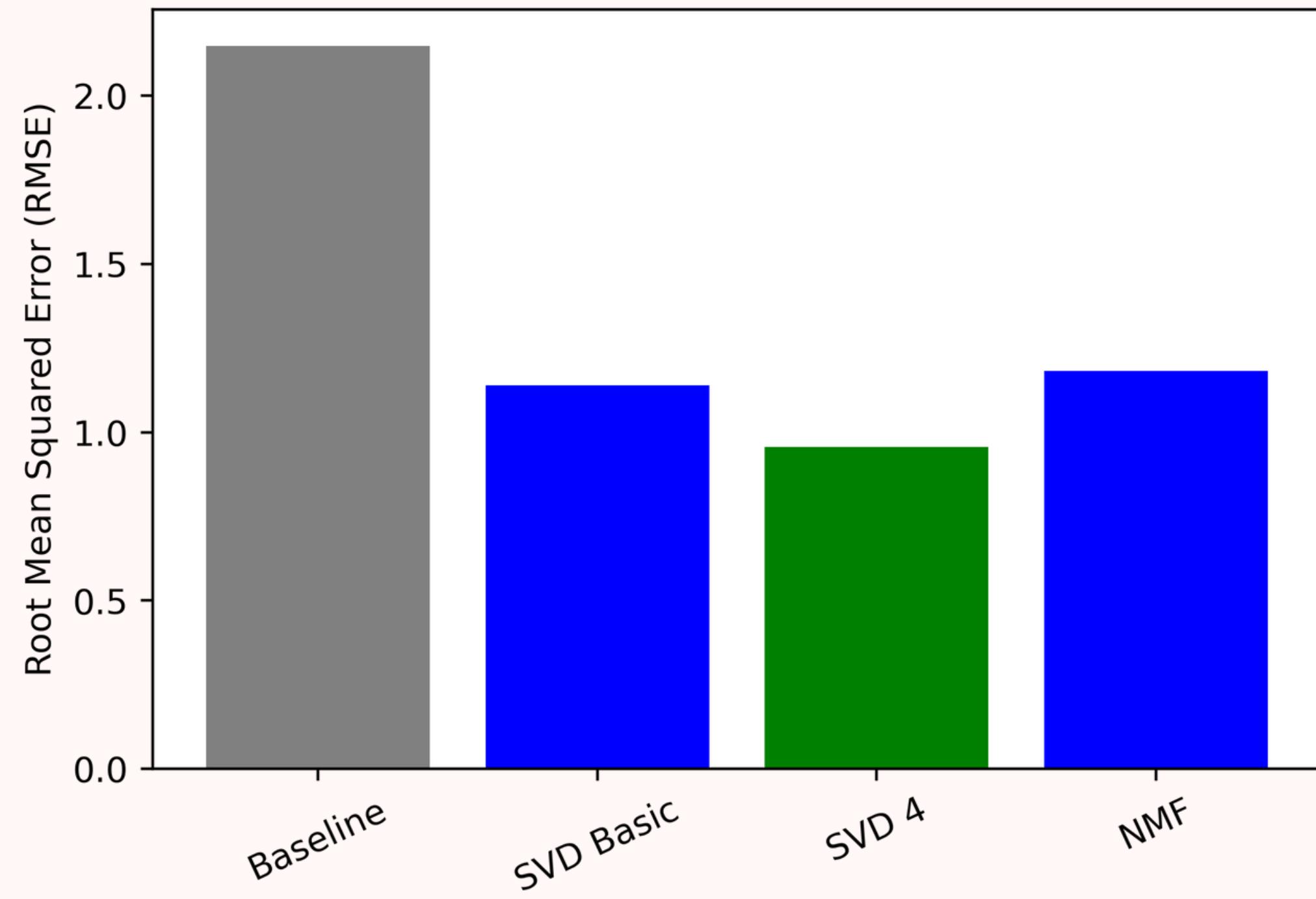


Modeling



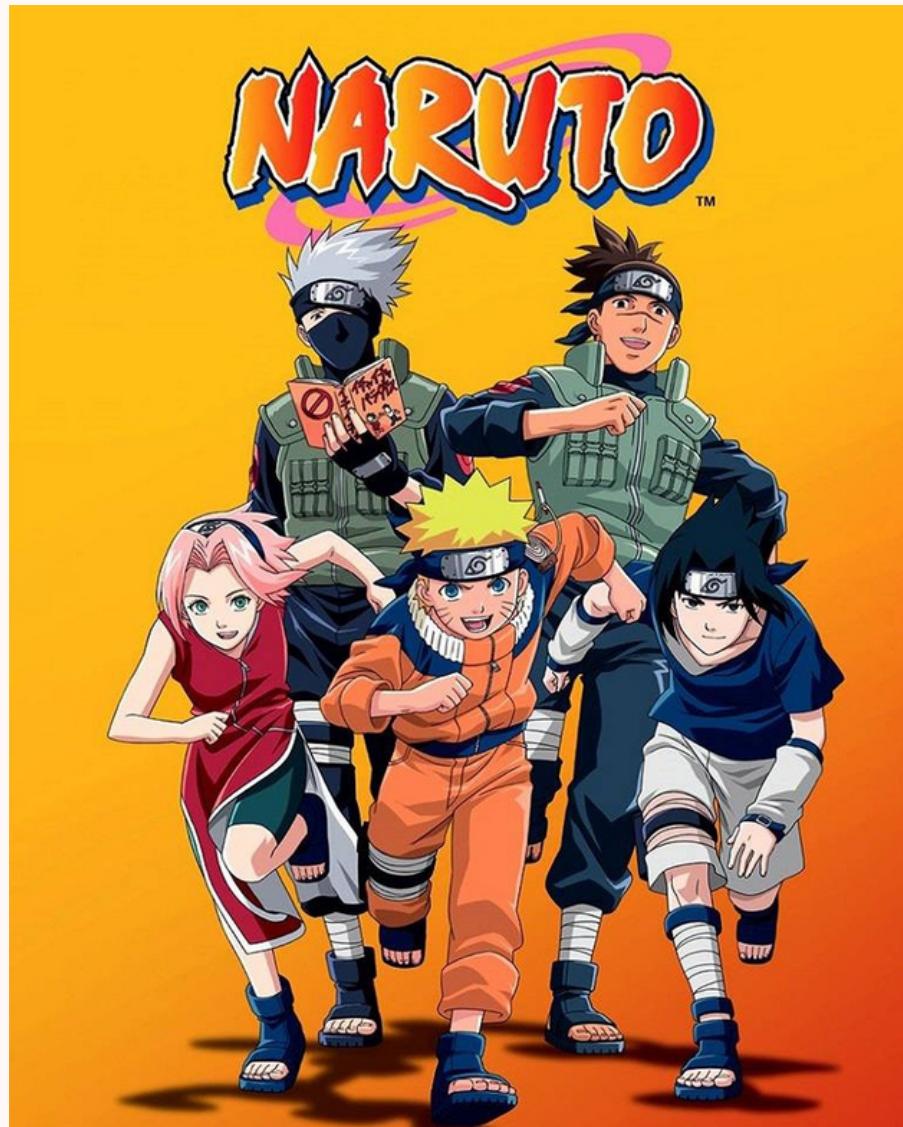
Comparison

Surprise Models



Recommendations

Content Based



Recommendations

Collaborative Filtering

User 73512



Next Steps



- More Recent Data
- New Algorithms
- Hybrid System

Thank
You



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