

ANIME SAGE

A Recommendation System For
Streaming Platforms

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BUISNESS PROBLEM

Overwhelming Anime Choices



- Anime is experiencing a surge in global popularity.
- There is an increasing need for advanced recommendation systems.
- The goal is to help users find content that aligns with their preferences.
- Enhanced engagement with the anime medium is sought through tailored recommendations.

01 - Overview

02 - Data

03 - Modeling & Results

04 - Results

05 - Deployment

05 - Conclusion

OUTLINE

OVERVIEW



DATA- My Anime List

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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MODELING- SVD

APPLICATION



Interactive
App

DATA

MyAnimeList.net

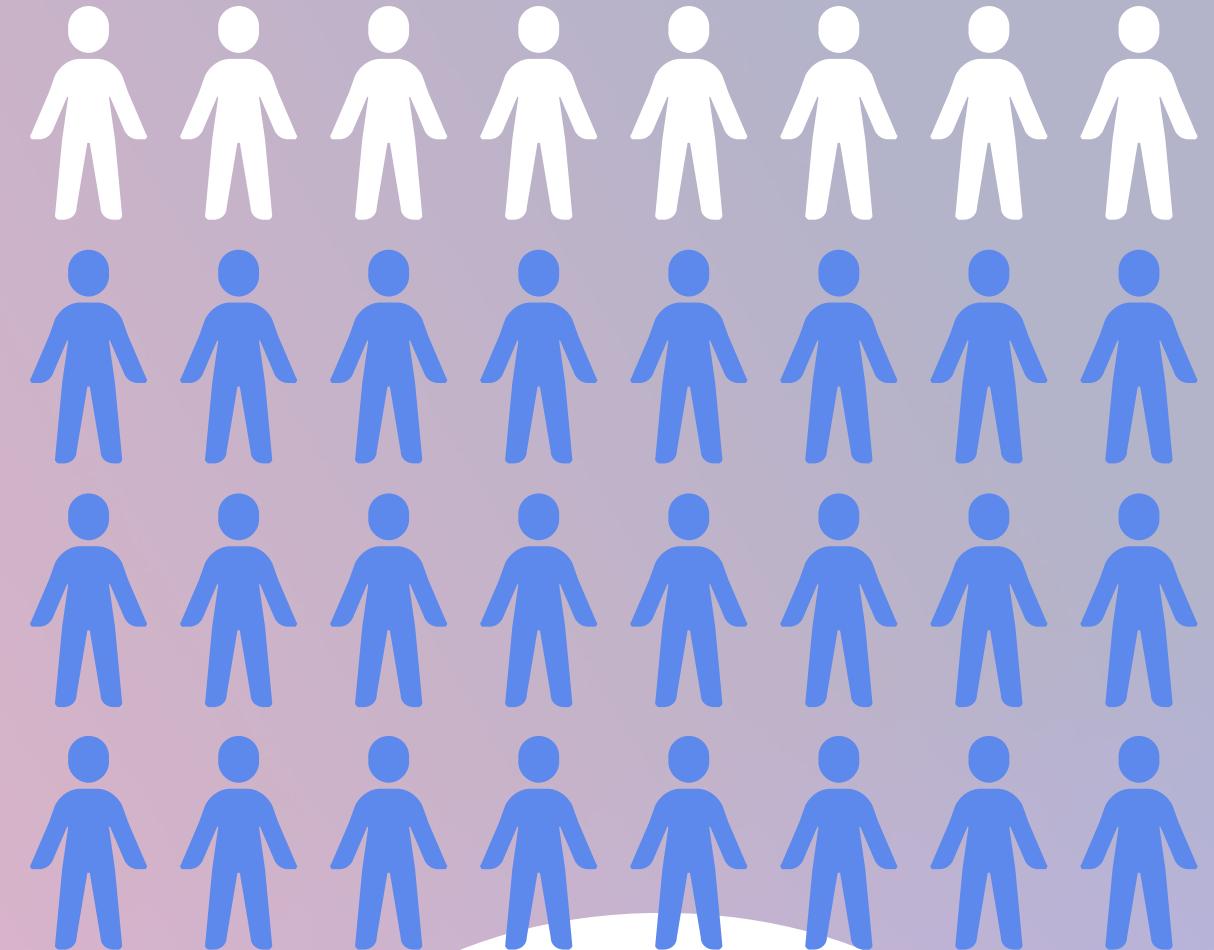
2 Data Sets

8 Million Entries

Anime Names and Popularity
User Ratings

Over 8 Million entries used in
training the model

MODELING

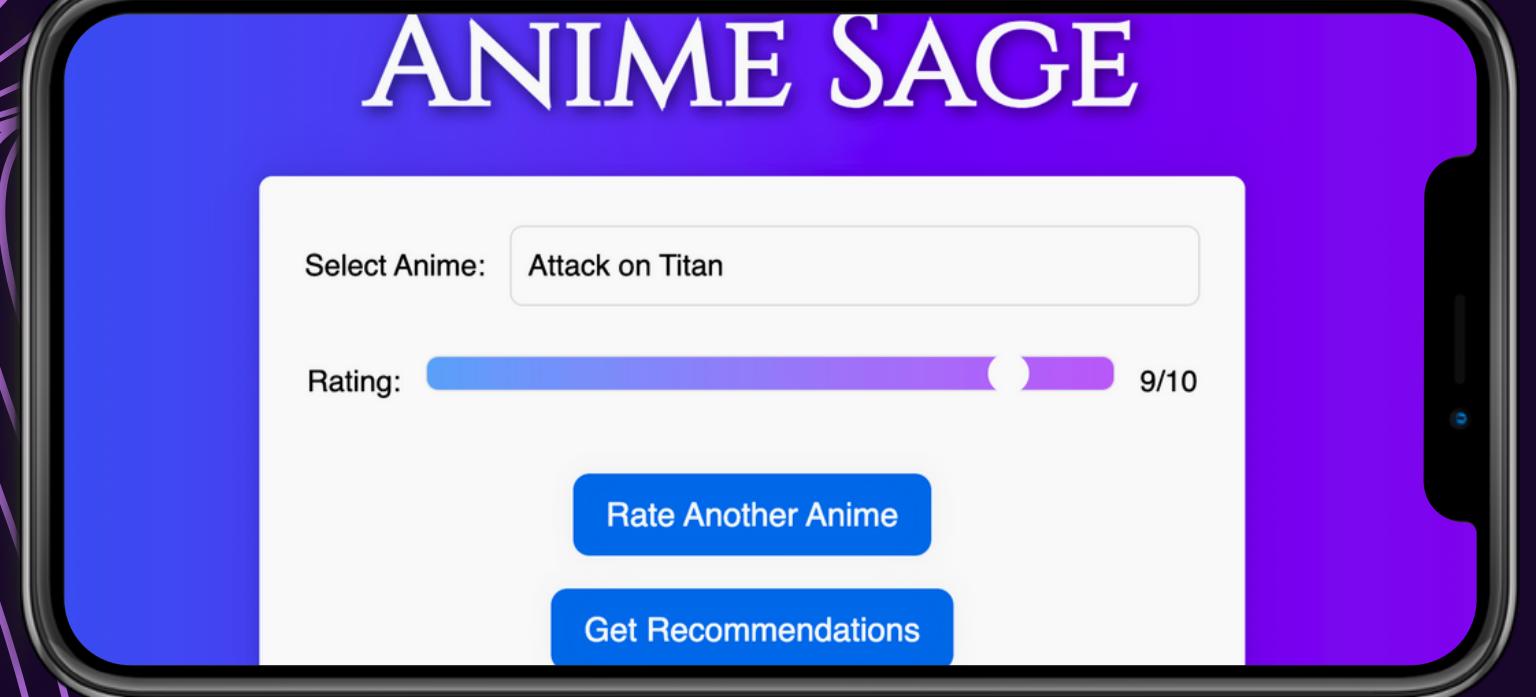


RMSE: 1.6
rating scale (1-10)

- **Method - SVD Algorithm:**
- **How it Works:**
 - Finds commonalities and patterns in the data.
 - Uses previous ratings and the ratings of similar users to make predictions.

ANIMESAGE

A Recommendation System



CONCLUSION

- **SVD Model Performance:**
 - Decent predictive accuracy with room for enhancement
- **Application:**
 - Enables users to rate and receive anime recommendations
 - Facilitates dynamic and interactive anime exploration
- **Limitations:**
 - Challenges in recommending for new users/items
- **Next Steps:**
 - Combine collaborative and content-based filtering
 - Utilize anime attributes for recommendations
 - Refine and enhance model predictions

Thank you

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