



Anime Recommendation System

Time to wander off in
world of Imagination

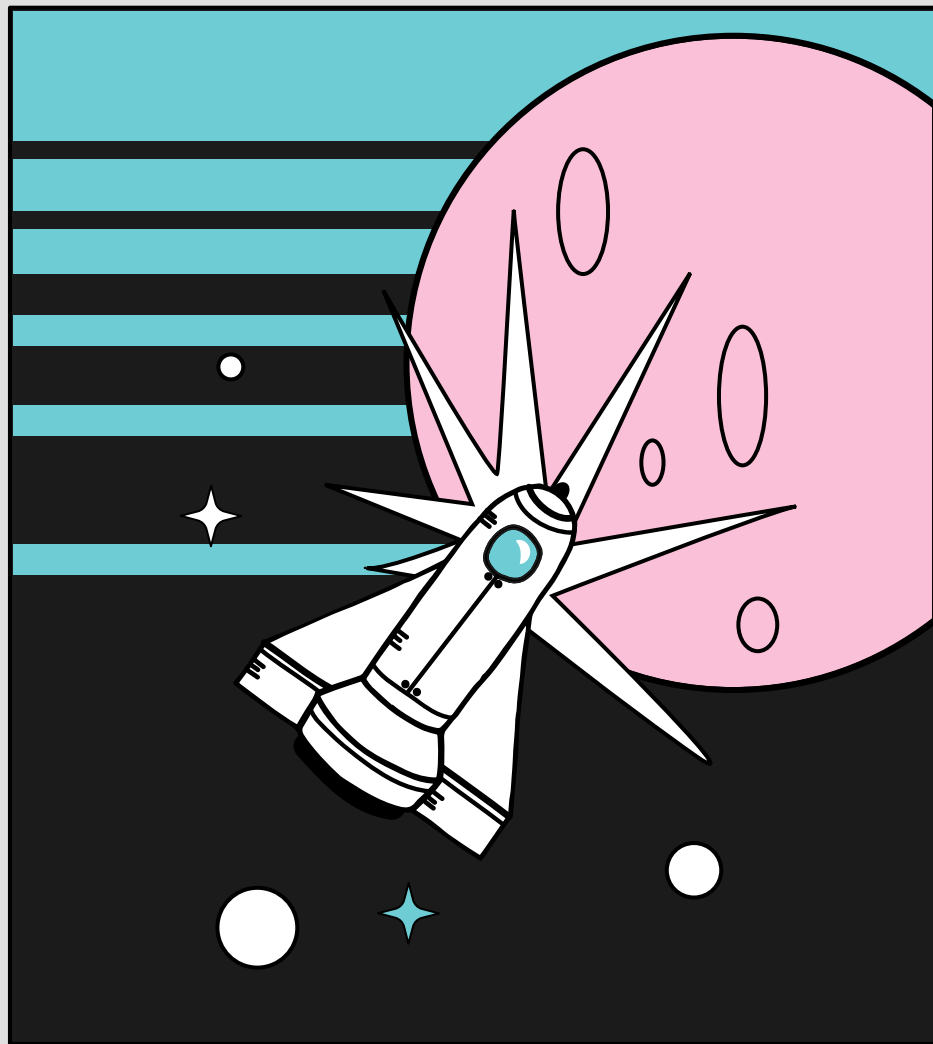


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EDA

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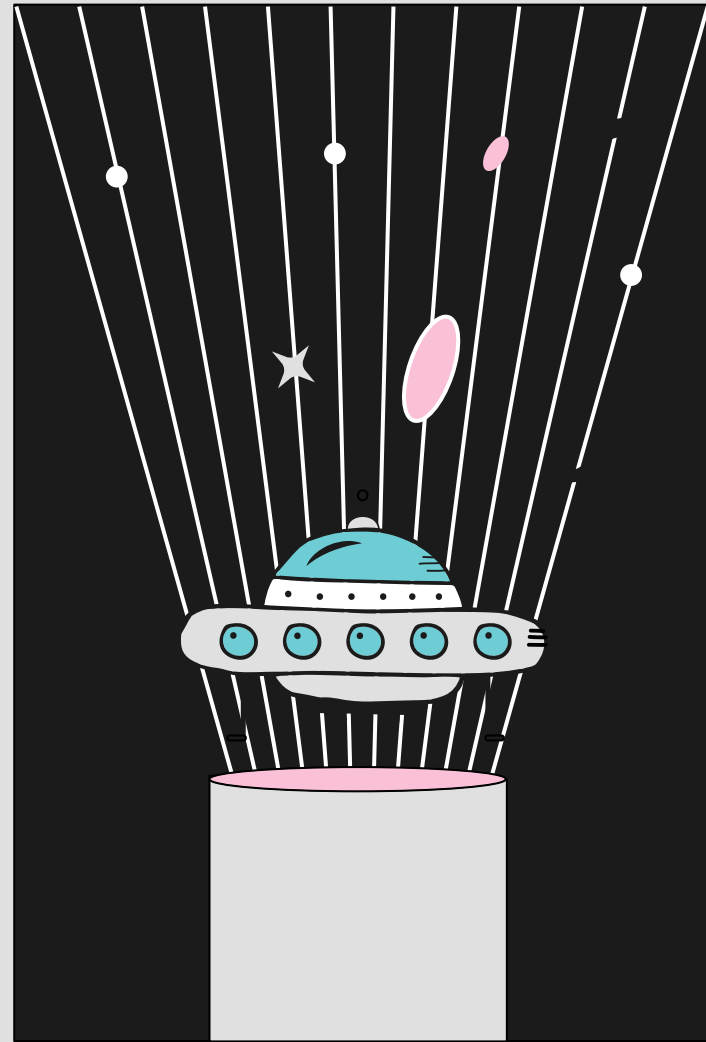
Baseline Models

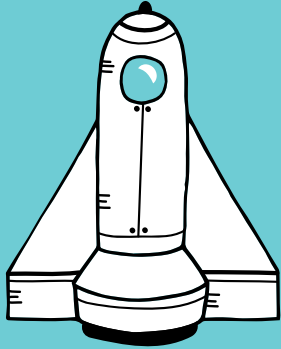
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Next Steps


Advance Modelling

01 ABOUT THE PROJECT

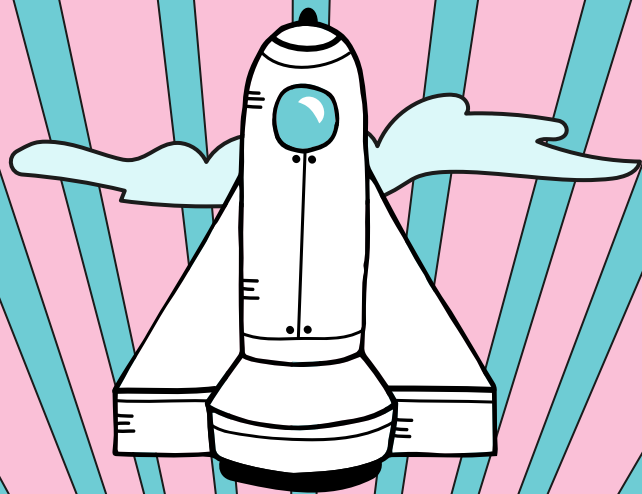




Anime Recommendation



While Many Anime Websites Do Offer
Recommendation I wanted to offer a easier
for viewers to find content they like.



“Make a
Recommendation
Model to Recommend
Anime”

—SOMEONE FAMOUS

Overview of My Dataset

Anime

Consist of Details of Animes

Rating

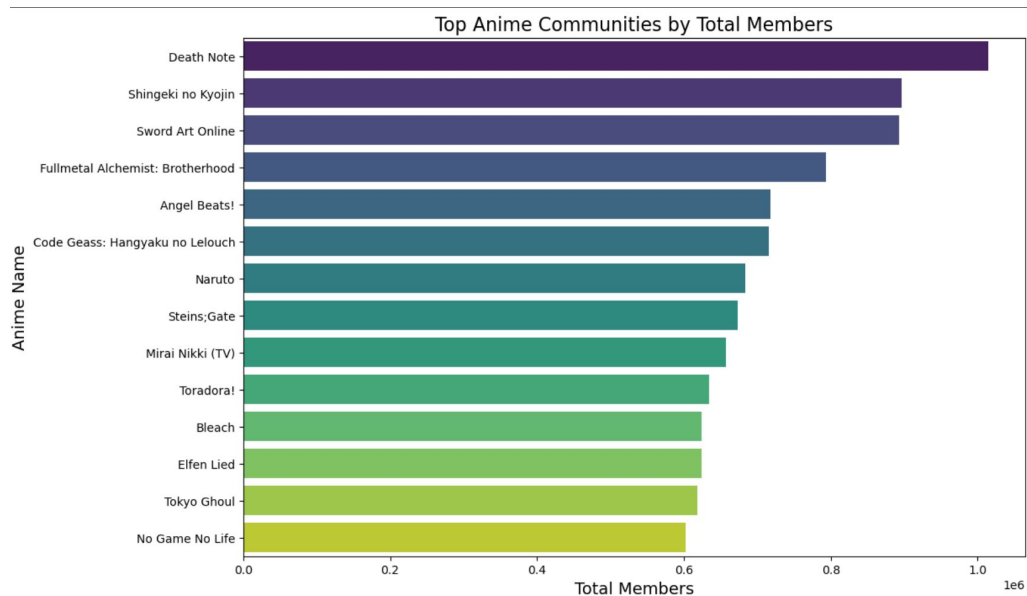
Consist Record of Ratings for the Animes

Anime_ID

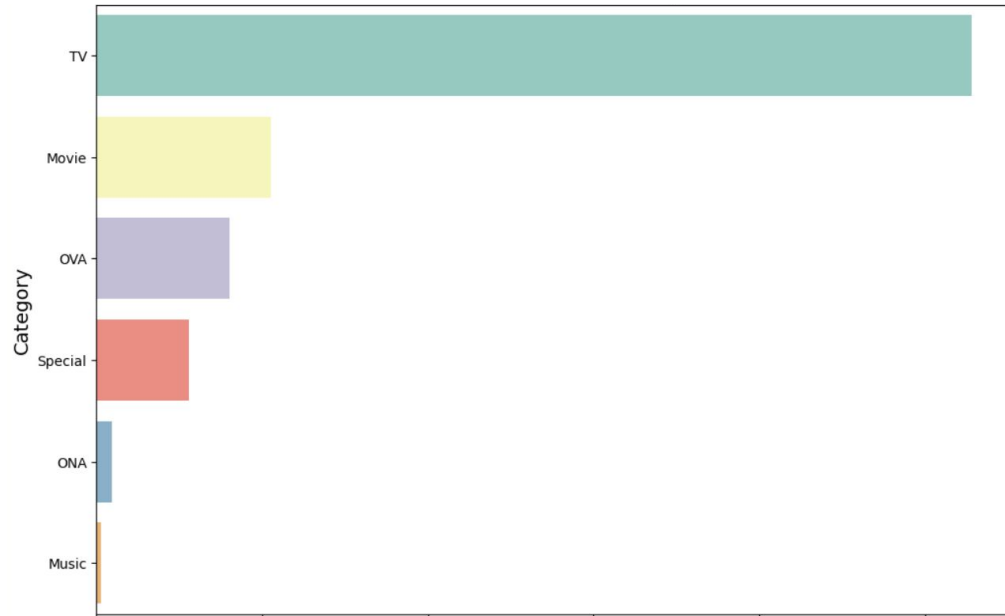
We used this Primary Key to merge both dataset

	anime_id	name	genre	type	episodes	rating	members
0	32281	Kimi no Na wa.	Drama, Romance, School, Supernatural	Movie	1	9.370000	200630
1	5114	Fullmetal Alchemist: Brotherhood	Action, Adventure, Drama, Fantasy, Magic, Military, Shounen	TV	64	9.260000	793665
2	28977	Gintama*	Action, Comedy, Historical, Parody, Samurai, Sci-Fi, Shounen	TV	51	9.250000	114262
3	9253	Steins;Gate	Sci-Fi, Thriller	TV	24	9.170000	673572
4	9969	Gintama'	Action, Comedy, Historical, Parody, Samurai, Sci-Fi, Shounen	TV	51	9.160000	151266

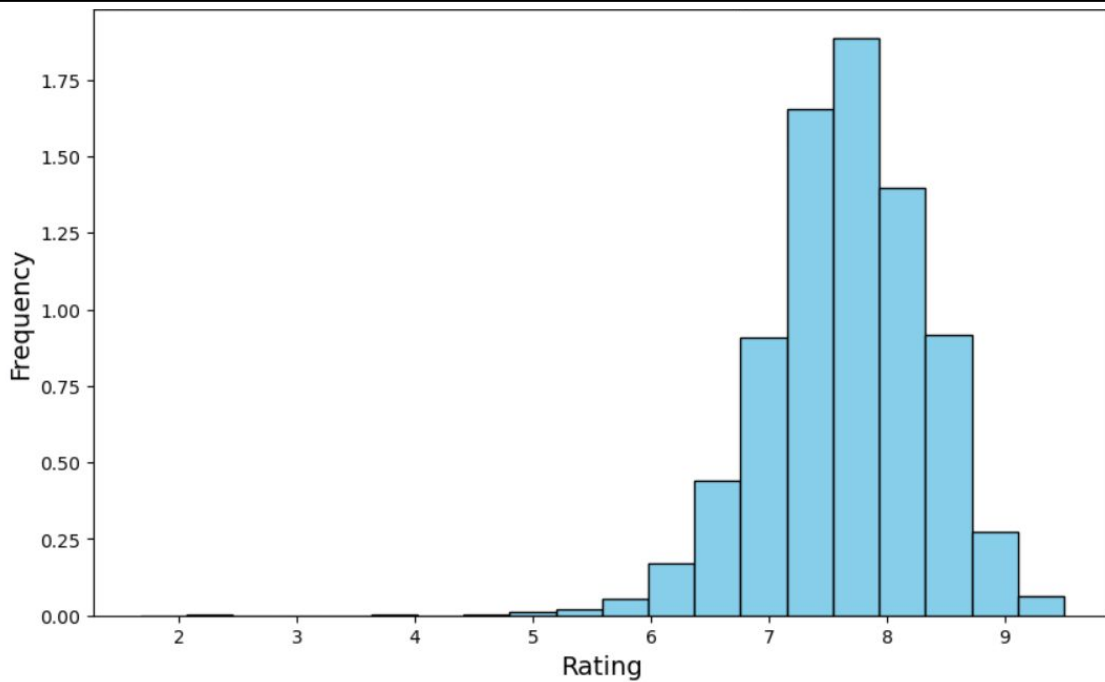
Top Anime Communities



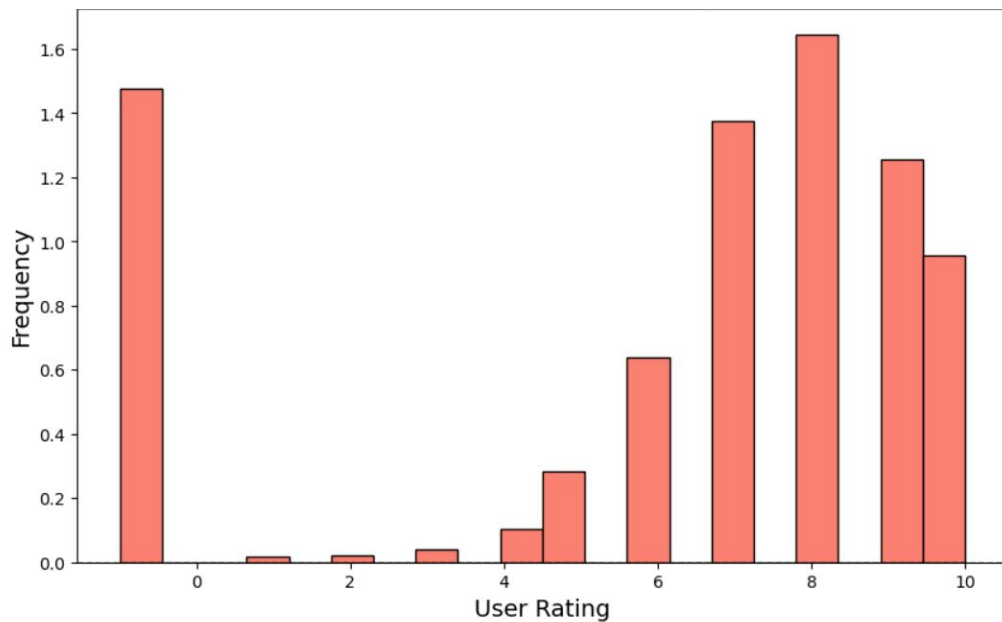
Distribution of Anime Categories



Distribution of Ratings

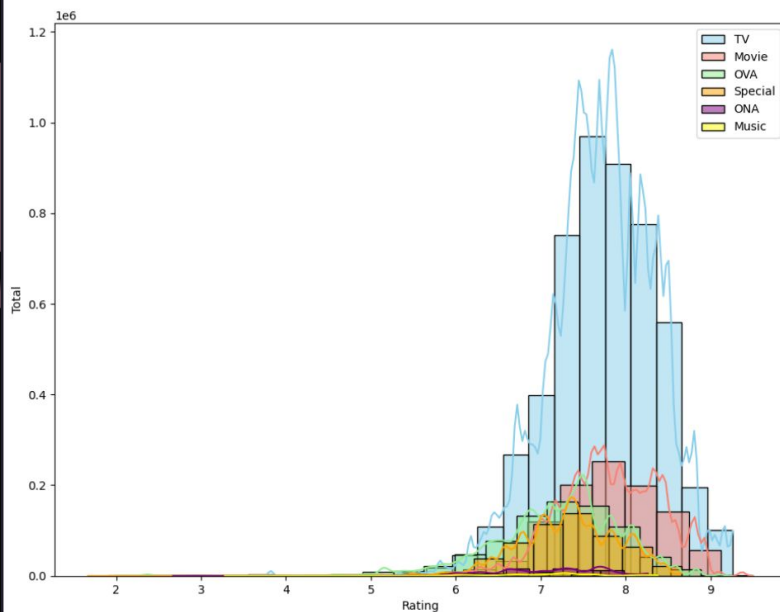


Distributing of User Rating

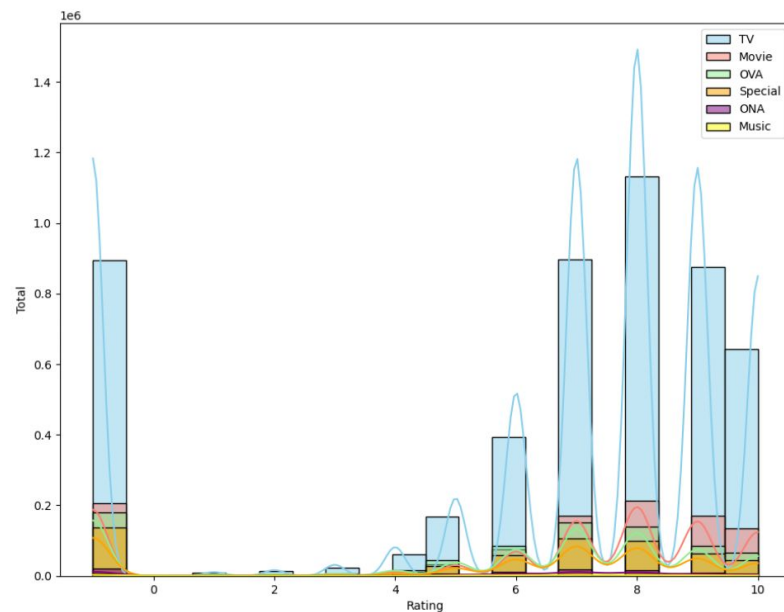


Distributing of Ratings in Category

Anime's Average Ratings Distribution [Category : TV]



Users Anime Ratings Distribution [Category : TV]

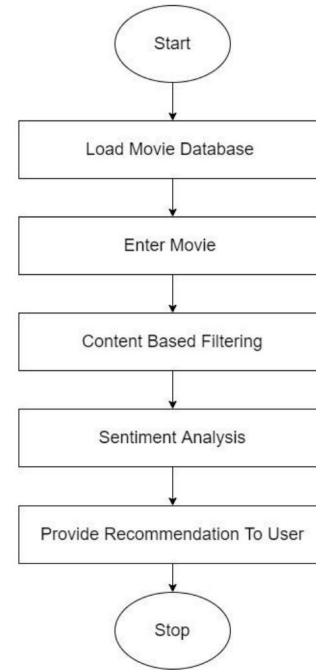


Data Cleaning

```
: name  
death note          33340  
sword art online    27294  
shingeki no kyojin  26436  
code geass hangyaku no lelouch 25484  
angel beats         25021  
Name: rating, dtype: int64
```

NEXT STEPS

- Learn More About Recommendation Systems
- Learn More About Collaborative Filtering and Content Based Filtering and Sentiment Analysis
- Apply Different Models such as TF-IDF Models, KNN Models and Maybe Logistic Regression



THANKS!

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