ANIME
DASHBOARD
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Coffee

Objective

1. To analyze anime trends, assess user preferences, and identify key performance metrics through interactive visualizations.

2. *Anime enthusiasts, researchers, and content producers seeking insights into anime popularity and scores*.

3. Benefits:

- Simplified trend analysis.
- Data-driven decisions for anime recommendations.

Dataset Overview

Dataset source: *https://www.kaggle.com/datasets/bhavyadhingra00020/top-anime-dataset-2024*

Key fields used in the dashboard:

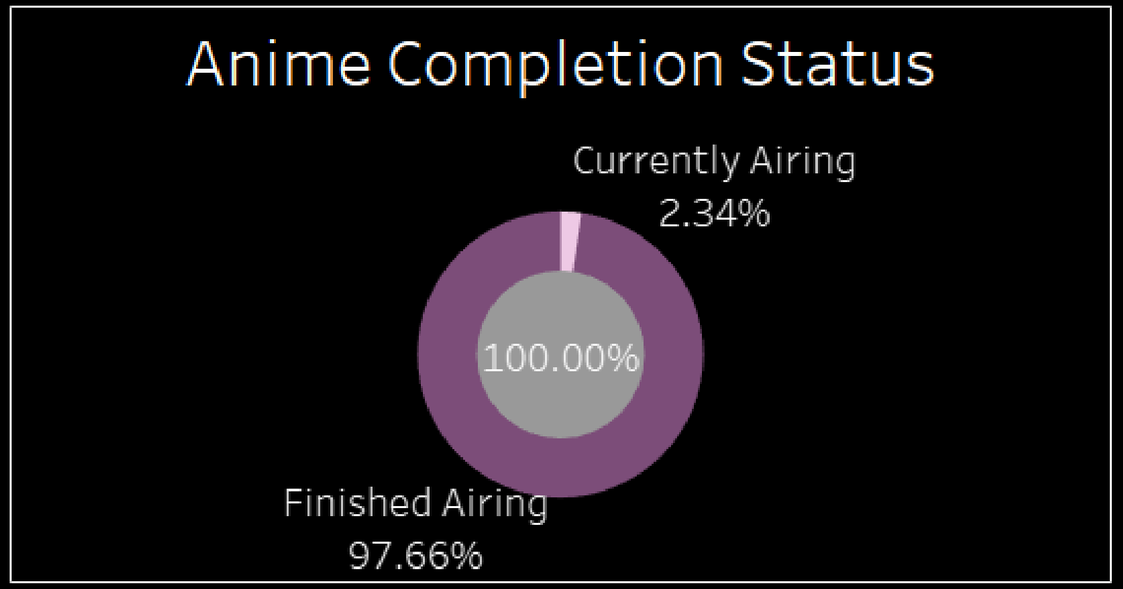
- *Score*: Rating out of 10.
- *Popularity*: Ranking based on user engagement.
- *Type*: Movie, TV, or OVA.
- *Genres*: Action, Romance, Fantasy, etc.
- *Episodes*: Number of episodes per anime.

Dashboard Design (Top Anime Dashboard)

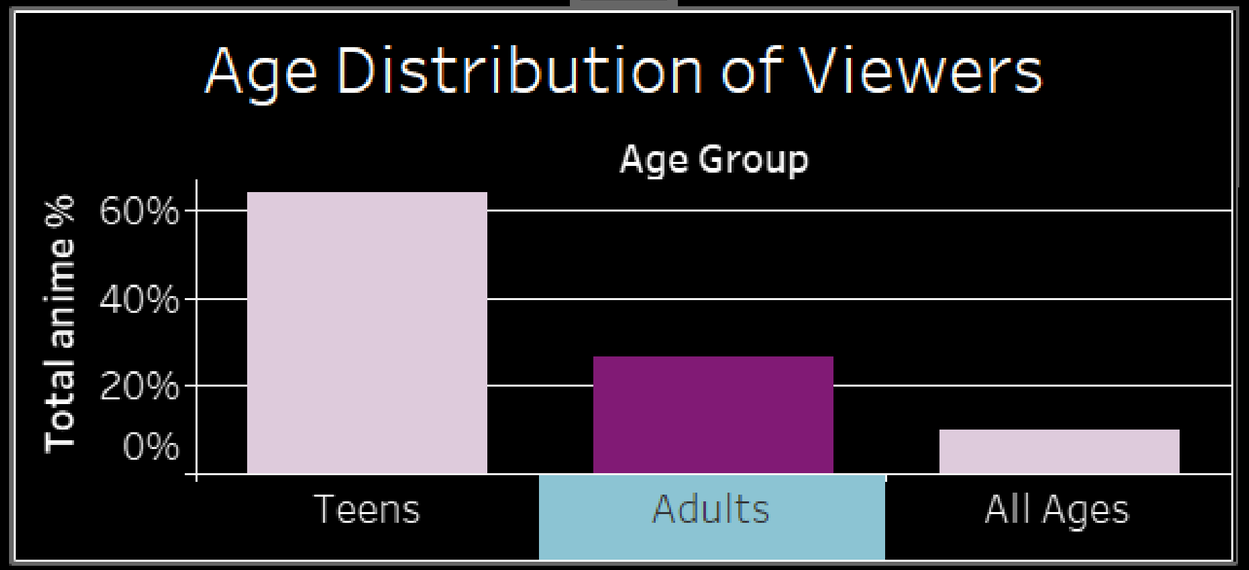
1.KPI (Key Performance Indicator)

Total Genres	Avg anime score	Avg Epi/Anime
15	8.173	26.80

2.Anime completion Status (Donut chart)

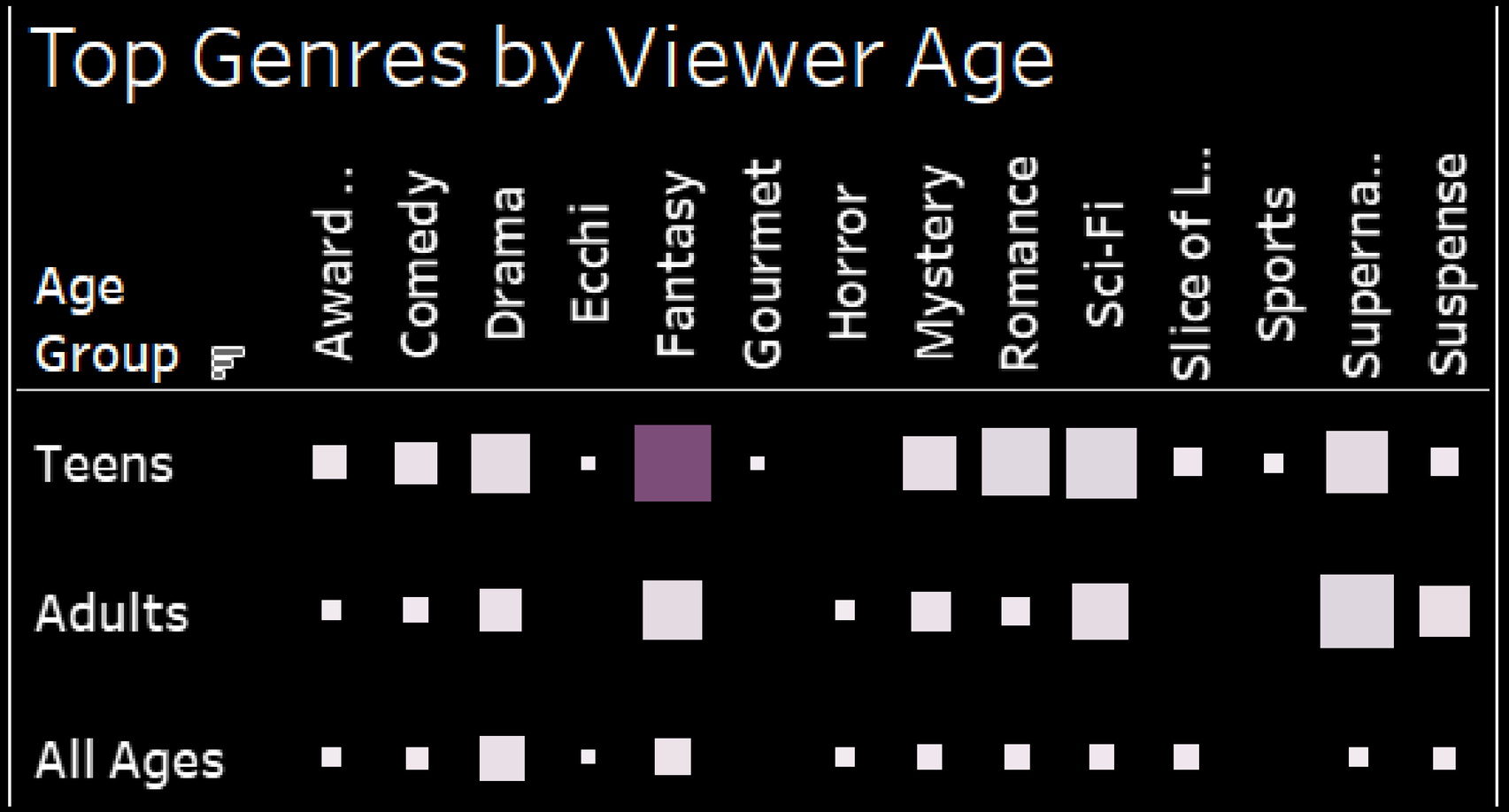


3.Age Distribution of Viewers (Bar Chart)



Dashboard Design (Top Anime Dashboard)

4.Top Genres by Viewer Age

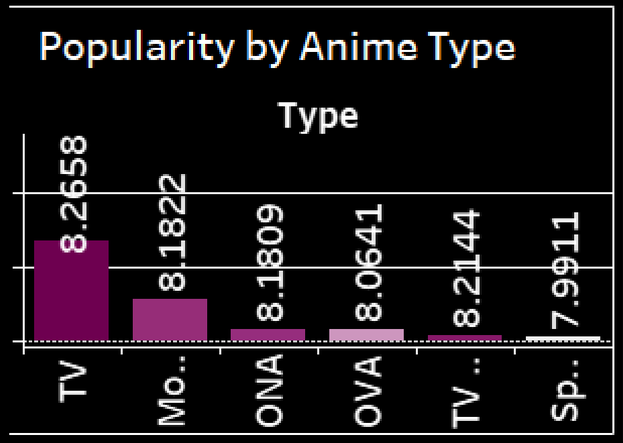


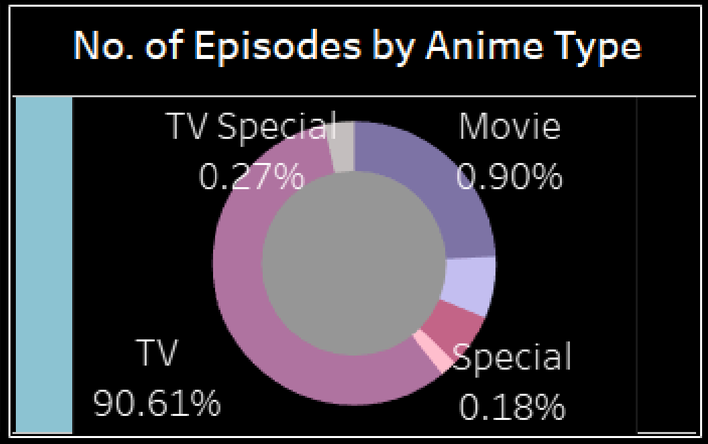
Dashboard Design (Top Anime Dashboard)

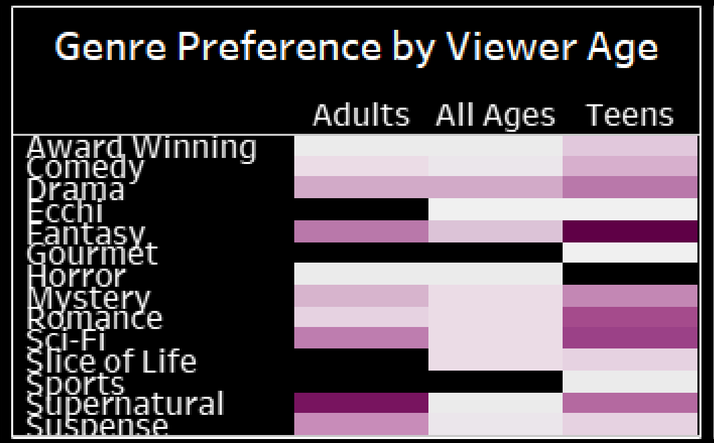
1.KPI (Key Performance Indicator)

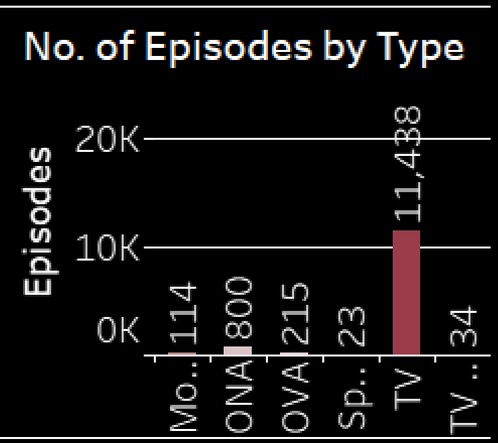
Average Score	Total no. of Anime	Most Popular Anime	Avg Epi/Anime
8.220	471	Genshin Impact: The Song Burning in the Ember	26.80

2. Bar Graph for visualizing Popularity by each Anime Type
3. Number of episodes by Anime Type (Donut Chart)
4. Genre preference by Age (Heatmap)
5. No. of total episodes by Type

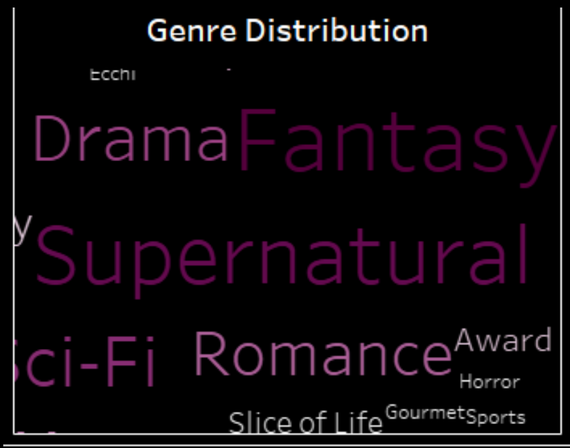


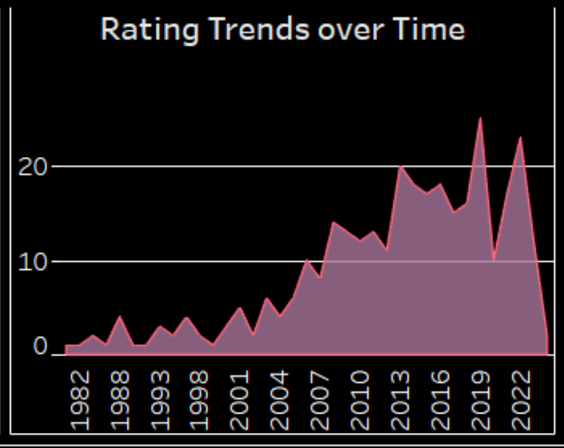


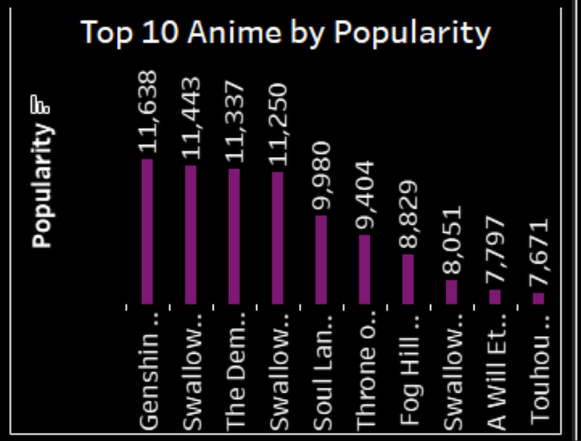


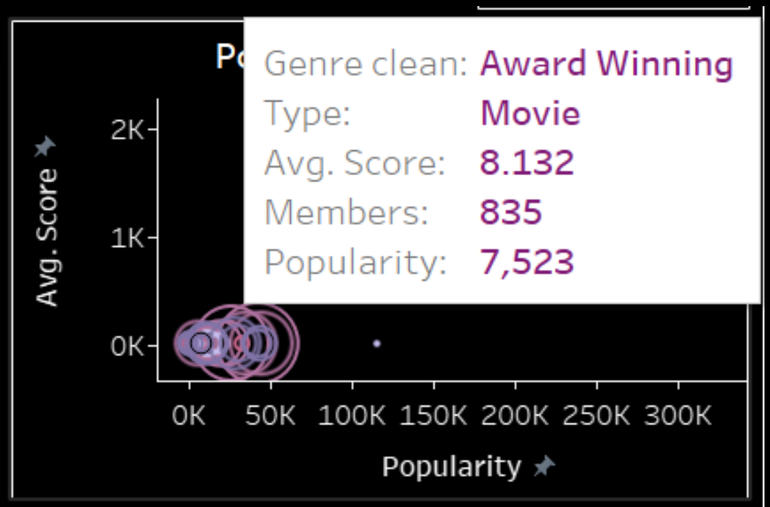


6.Genre Distribution in Word Cloud
7.Trends Over Time
8.Top 10 Anime by popularity
10.Popularity VS Score









Business queries solved:

1. Which anime genres are the most popular?

Ans) Fantasy has the most popularity, followed by Supernatural (7.Genre Distribution chart).

2.What is the average score across different anime types?

Ans)6. TV: 8.165

Movie: 8.182

ONA: 8.180

OVA: 8.06

TV special: 8.21

Special: 7.99

Business queries solved:

3.How does viewer preference vary by age group?
Ans) Solved by: Genre Preference by Viewer Age (6.Heatmap).

- Use Case: Guides marketing strategies by targeting specific genres to age demographics.

4. How does anime type (TV, Movie, OVA, etc.) contribute to overall popularity?

- Solved by: 6.Popularity by Anime Type chart.
- Use Case: Assists in understanding format popularity for future production strategies.

Summary

- This Anime Dashboard is designed to provide comprehensive insights into anime trends, audience preferences, and performance metrics.

- This project helps stakeholders like streaming platforms, anime studios, and marketers make data-driven decisions regarding content creation and audience targeting.

- By visualizing data effectively, the dashboard simplifies complex datasets, making it easier to identify trends, optimize strategies, and enhance user satisfaction.

Thankyou!