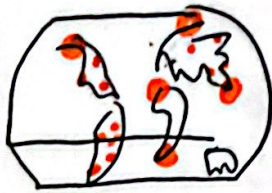
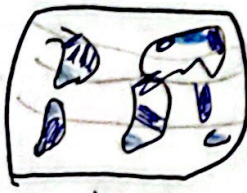


1. Ideas

Maps - Anime Popularity by Searches



Bubble plot

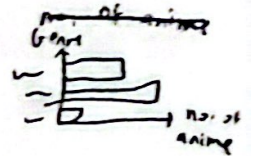
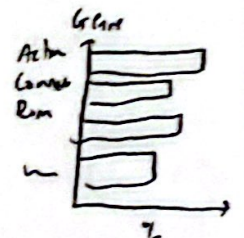
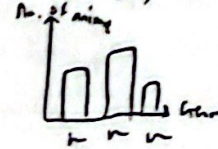
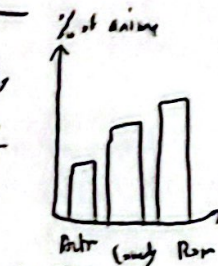


Choropleth map

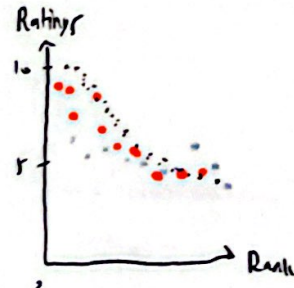
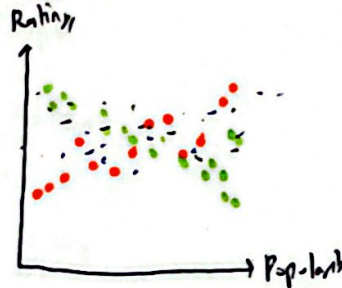
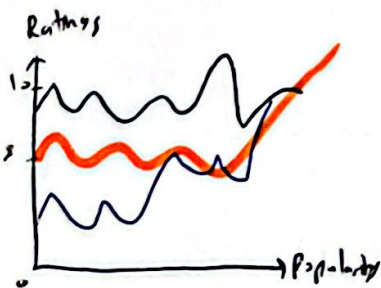
Anime Genre



• Action
• Comedy
• Drama
• Fantasy
• Romance
• Sci-Fi
• Sports
• Thriller



Anime Popularity analysis Ratings and Rank



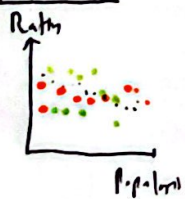
2. Filter

Bar chart



→ better to use percentage over absolute values

Scatter plot



→ better to use Ratings as quantitative attribute for scatter plot

3. Categorise

Anime Popularity

Categorical

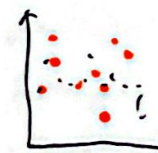
- Genre
- Country

Quantitative

- No. of searches
- rank
- score/ratings
- popularity

4. Refine and Combine

Scatter plot



→ Add filter and legend to scatter plot

Filter



→ highlight top bar and annotate about it.

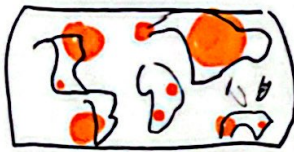
5. Question

- Is it possible to implement the desired features?
- Is the purpose of the visualization clear?
- Is the story telling of the visualization meaningful?

Layout

Anime

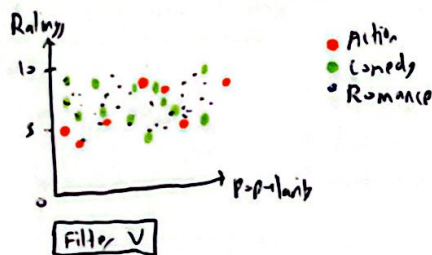
Anime Popularity



Anime Genres



Anime Popularity vs Ratings



Focus

- Visualize the popularity of anime, and in which parts of the world it is more and less popular
- To compare which genres contribute to more anime than others
- Understand whether anime with higher popularity results in higher ratings.

Sheet : 2

Name : Chong Tet Shee

Date : 15/9/2024

Title : Anime

Operation

1. All visualizations ~~can~~ display tooltips when hovering over each mark
2. Scatterplot has filter to only display for each genre

Discussion

Advantages

1. Bubbleplot map able to inform viewers on exact locations with higher popularity of anime.
2. Bar chart is most effective in ~~comparing~~ comparing quantitative values.
3. Scatterplot can show trends, especially, with a large dataset

Disadvantages

1. Difficult to find exact areas within each country in which anime is popular
2. Bar chart may not fit all genres, if there's too many genres
3. Not enough information about anime
4. New viewers might feel lost.

Layout

Anime - Genre and Popularity

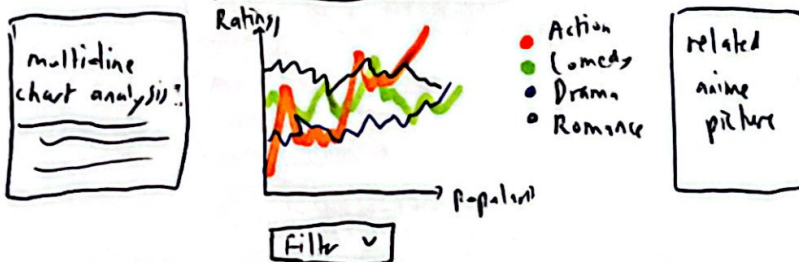
Popularity of Anime



Genre in Anime



Popularity and Rating



Authr : ~~~~~

Date : ~~~~~

Source : ~~~~~

Focus

- See how many countries around the globe are aware and interested in anime
- Understand the significance of certain genres holding the majority of anime genre against all being anime existing today.
- Directly see the correlation of lines different according to the genre of anime.

Sheet : 3

Name : Chong Jet Shen

Date : 15/9/2024

Title : Anime - Genre and Popularity

Operation

1. When hovering over each data, tooltips will appear, applies to all visualizations
2. Line chart has a filter to only observe for any genre chosen

Discussion

Advantages

- Better sightlines as each row or section has 3 items each, with visualization in the middle
- Donut chart directly visualizes the contribution as the full circle is the total to compare to
- Lines can already tell the correlation, based on genre
- Contains footer of authorship

Disadvantage

- Donut chart might get messy with many genres
- Lines may be inaccurate as all anime are different
- Each row may feel imbalanced as textual analysis is on the left, which a related picture is on the right, ~~except~~ except the first row.

Layout



Sheet : 4

Name : Chong Jet Shen

Date : 15/9 /2024

Title : Anime - Genres, Ratings, and Popularity

Operation

1. All visualisations upon hovered show tooltip with relevant information at that data point
2. Scatterplot also has filter to filter by specific anime genre

Discussion

3. Sidebar navigation is provided to quickly navigate to each main section

Discussion

Advantages

- All sections are balanced with clear horizontal sight lines
- Sidebar navigation suitable for long pages.
- Bar chart can fit many genres when in horizontal position

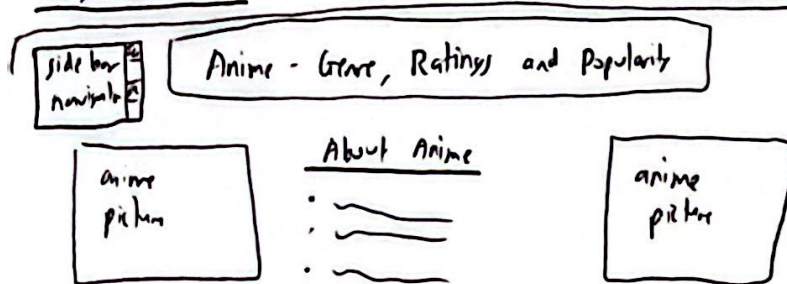
Disadvantage

- Rank may not be a suitable attribute if each anime's scores are very close to each other

Focus

- To see how anime is popular around the world
- Understand the distribution of anime genres and how diverse anime can be
- To compare anime rank against its popularity.

Big Picture/Layout



Anime - Genre, Ratings and Popularity

anime picture

About Anime

anime picture

Anime Popularity 2024

Least popular



Most popular

paragraph

about anime worldwide

anime picture + related to paragraph

Anime Genre



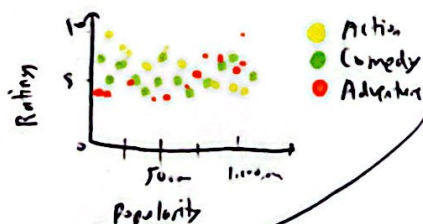
% of Anime

anime picture related

analysis about bar + examples

anime picture related

Anime Rating against Popularity



Popularity

Filter V

analysis on scatterplot

Author : ~~~~

Last modified : 15/9/24

Source : ~~~~

Sheet : 5

Name : Chong Jet Shen

Date : 15/9/24

Title : Anime - Genre, Rating and Popularity

Operation

1. Sidebar navigation (top left)
 - ↳ Easily navigates each section of the website.
2. Tooltip reveal country hovered over, and number of searches against total searches
3. ~~Tooltip~~ reveal anime genre and the percentage of total anime which each genre contributes to.
4. ~~Filter~~ to view the scatterplot in just a single genre
5. Tooltip to see rating and popularity on each anime.

Detail

- Using Vega Lite to create all visualisations
- Add images for better design and easier to relate viewers to anime.
- Python might be used to format anime genre, if there are more than one genre per anime.
- Estimate 1-2 weeks needed to build + refine design.

Focus

1. Understand and visualise how anime is globally popular with the choropleth map
2. See distribution of anime genres, understanding which genres are preferred.
3. Visualise the trends of anime ratings against popularity
4. Anime pictures help visualise text examples and relate to visualisation better.