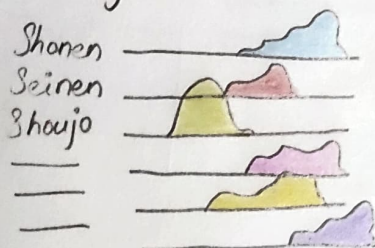


IDEAS

- Anime Score distribution By type

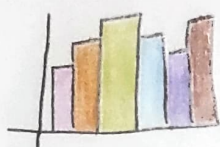
★ Ridgeline Plot



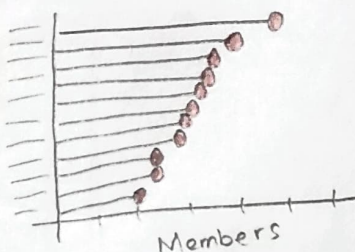
★ Chord Diagram



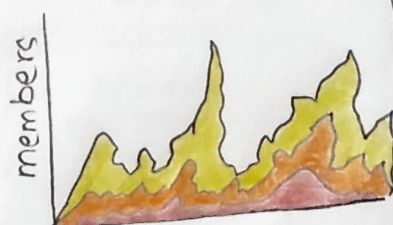
★ Bar Chart



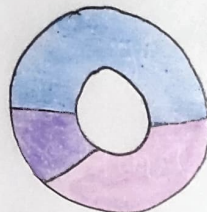
★ Lollipop Graph



★ Stacked Area Chart



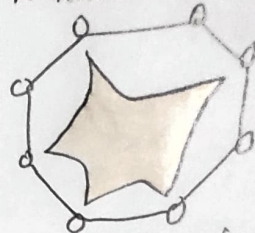
★ Donut Chart



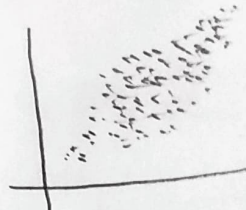
★ Treemap



★ Radar Chart



★ Scatterplot



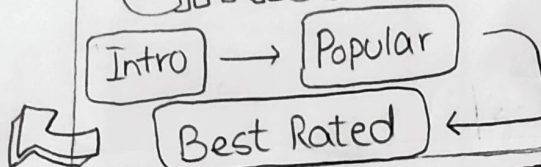
★ Line Chart



FILTER

- Lollipop Chart
 - Show most popular anime
 - Easy to read
- Donut Chart
 - Male/Female/other gender split
 - Visualize all kinds of people who watch anime
- Radar Chart
 - What gender watches what on average
- Scatterplot
 - Rating vs Popularity
 - Most critically acclaimed = most watched?

CATEGORISE



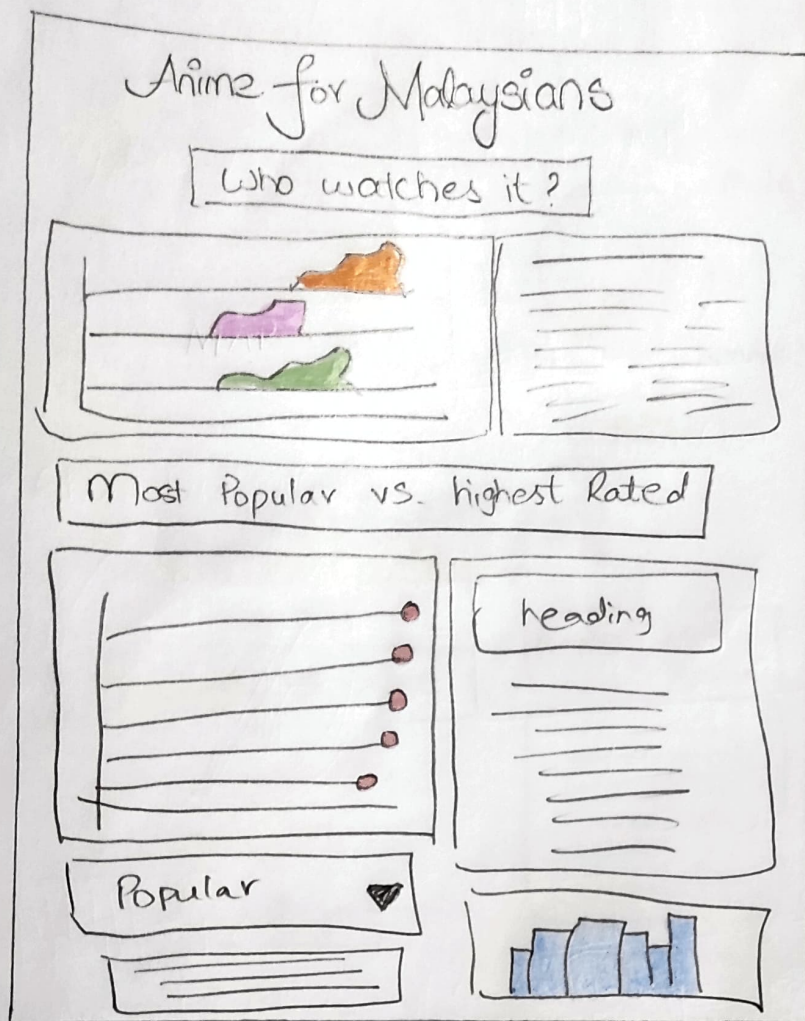
REFINE & COMBINE

- Detailed Radar Chart with male/female/other filter to show genre consumption.
- Lollipop Chart with genres with most members + sub-charts show in that genre.
- Scatterplot with regression line to show audience popularity vs critic score.

QUESTION

- Is showcasing Score distribution per genre with a ridgeline good enough?
- Is a detailed Chord diagram show easy to understand? would I be better off with something else?

Layout



Author

◦ Syed Asad Ali Shah

Date

◦ 9th October 2025

Sheet 2

Task

◦ Visualization 2.

Operation

• Two in one lollipop chart. Select Popular vs. Rating from dropdown to change chart.



• Ridgeline mapions showing increase in anime release by genre

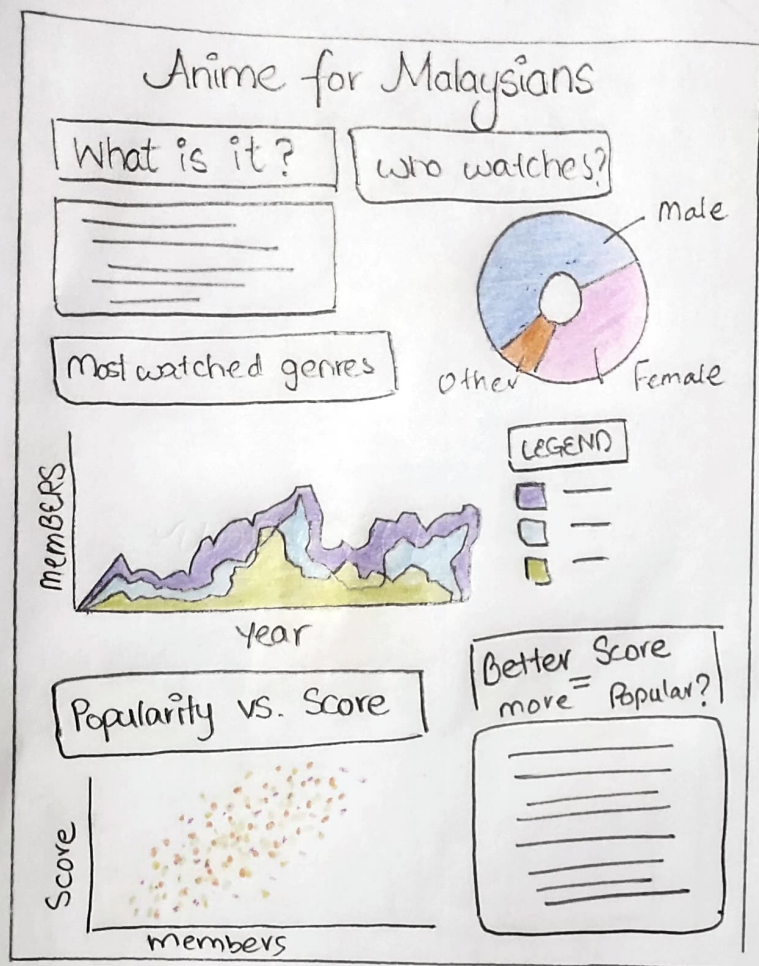
Focus

- Main focus on Ridgeline & Lollipop Chart
- Ridgeline
 - Annotated
 - Shows different genre growth
- Lollipop:
 - Two charts: Popularity vs rating
 - Switches from dropdown selection

Discussion

- Advantages
 - Ridgeline shows genre popularity.
 - Dual - lollipop that switches eliminates need for entire section.
- Cannot see detailed info like popular genres in Malaysia (or other).
- Dual lollipop may be confusing or hard to code.

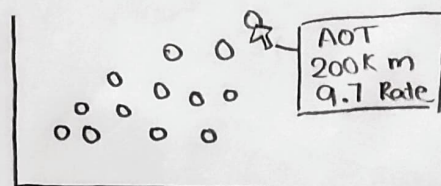
Layout



Author
 • Syed Asad Ali Shah
 Date
 • 9th October 2025
 Sheet 3
 Task
 • Visualization 2.

Operation

- Allow user to see how many members per gender by hovering.
- Scatterplot will display name of each dot along with no. of members and score.



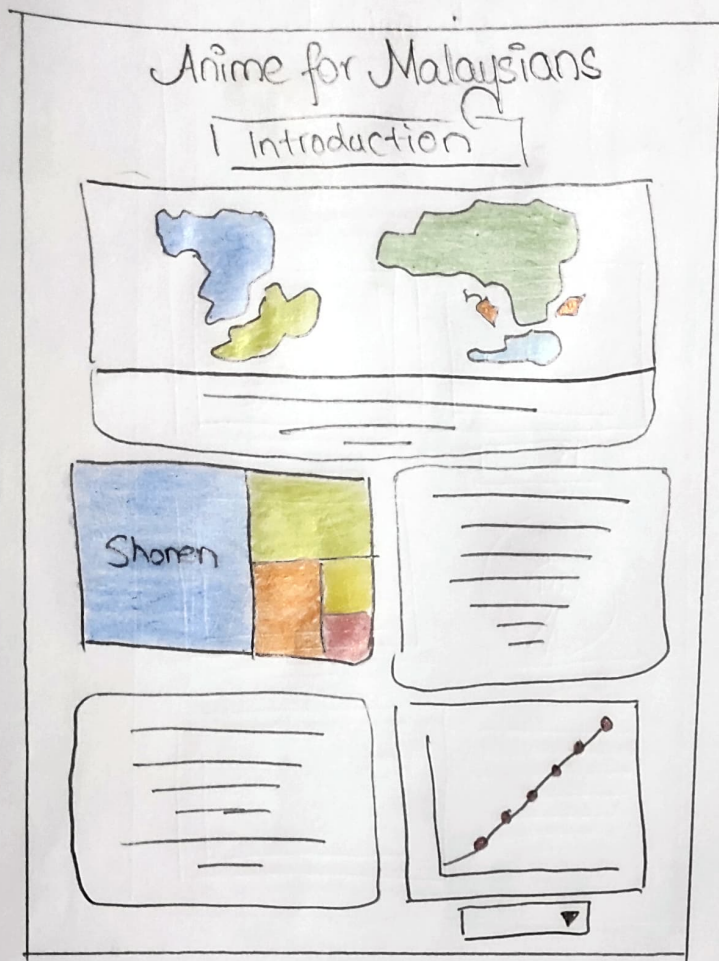
Focus

- No main focus, each plays its own role
- Donut Chart:
 - Visualize gender distribution and scale.
- Stacked Area Chart:
 - Evolution of genre popularity / trends
- Scatterplot
 - How score & popularity affect each other
 - Can be used to identify titles to start watching that are interesting and can be talked about more often (less obscure and niche anime like)

Discussion

- Advantages
 - Donut easy to see and use
 - Scatterplot & area chart show detailed info
- Disadvantages
 - less general
 - cannot easily tell which title most popular or which best acclaimed.

Layout



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Sheet 4
Task
◦ Visualization 2

Operation
◦ Dropdown selector
for user to select
between growth in
production vs. growth
in viewership.

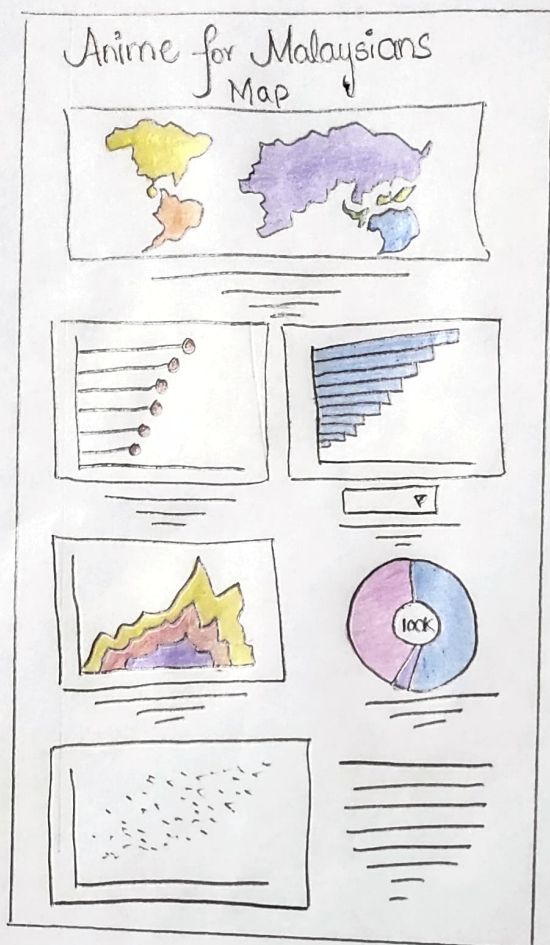
Focus

- Main Focus on Geographical map.
It will retrieve no. of members per country and show as heatmap.
- Sub focus on line chart.
 - will show no. of anime aired per year
 - will show average viewership (members per show per year).

Discussion.

- Advantages
 - map essential
 - gives idea of global presence.
- Disadvantages
 - map needs data wrangling
 - dataset has non-uniform location data.

Layout



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Sheet 5
Task
◦ Visualization 2

Operation

- Global map with annotation
- Bar-chart with Filter dropdown so can select type.
- Massive scatterplot with all anime data and annotation.

Focus

- No main focus. All graphs equally important in the narrative of convincing the layman that anime is not wierd or a cartoon. All display bits of info about the data i.e. global presence, trends, growth, variety.
- Annotations to give user detailed info on request (by hovering).
- dropdown for type-chart to add level of interactivity.

Details

- R for data-wrangling for map. Github for hosting.
- Data stored & retrieved from hosted csv files.
- Estimated time :
 - 3 days data organization/code
 - 2 days CSS styling
 - 1 day finalization