

1. Introduction

Project Title: Anime and Manga insights and analysis

Introduction: Recently, both children and adults have started to watch and read more anime and manga series. It's said that the characters and storylines of manga and anime differ significantly from those of Marvel, DC, and other novels. Many young people read manga and then watch the corresponding anime to visualise the story they've read. The popularity of anime saw a significant increase in 2019 [1,2], and after the COVID-19 pandemic, it became even more popular. Additionally, this project will explore the distinction between the genre preference of the users watching anime and manga, popularity as well as score. This is why I've chosen to analyse the popular anime and manga adaptations that are currently captivating young teens and adults.

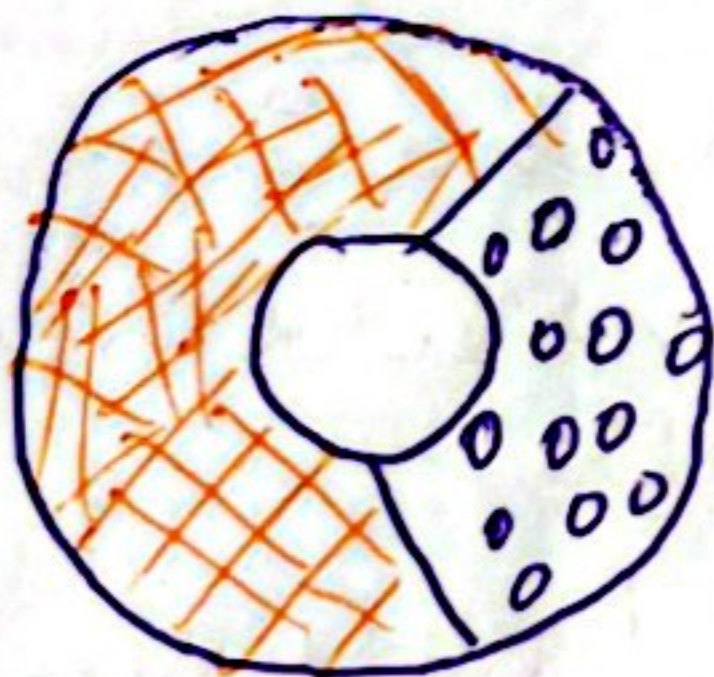
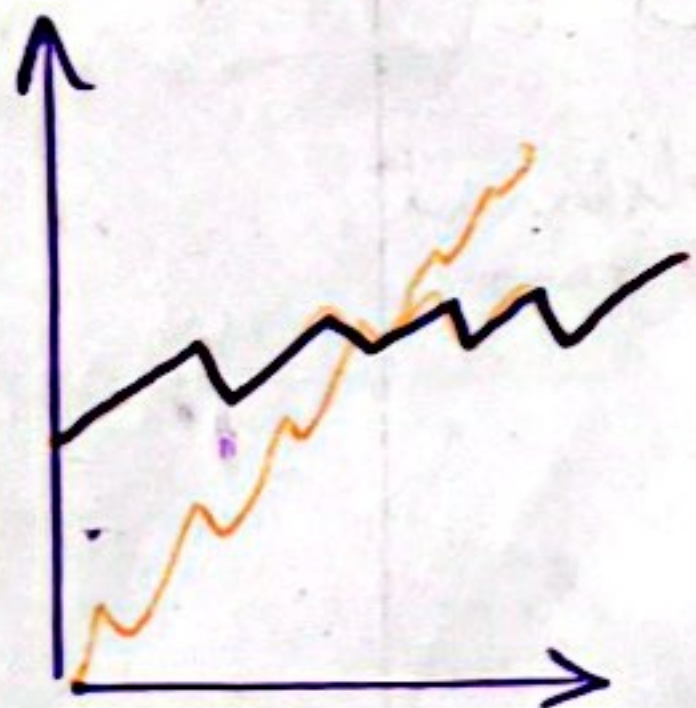
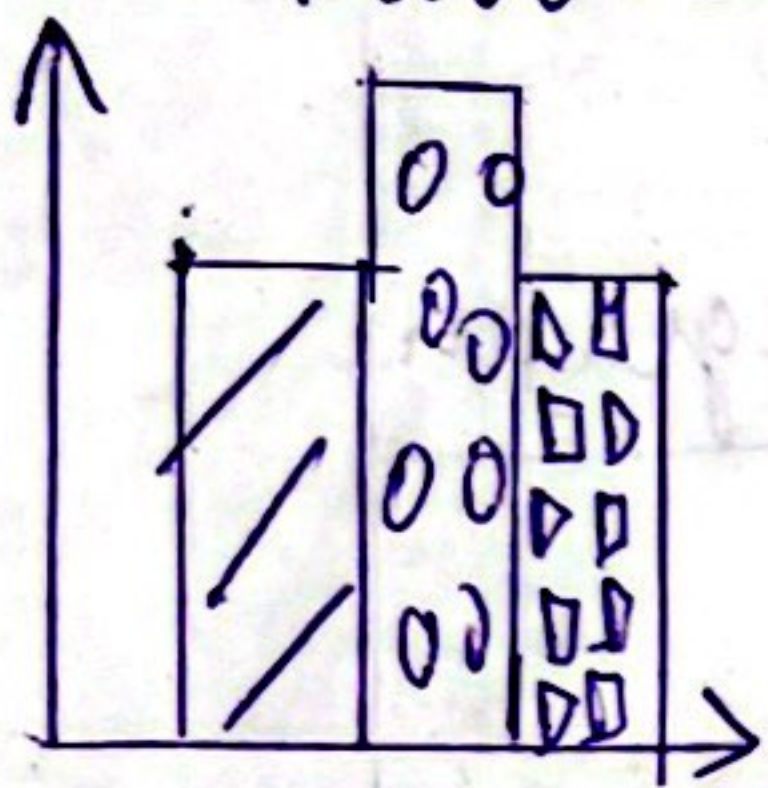
Motivation: As a huge fan of the One Piece anime and manga, I was inspired to choose this topic. Since my childhood, I've read and watched a lot of anime, so I thought it would be fitting to explore this topic for my visualisation project, given my familiarity with the popular culture of manga and anime.

Questions: (I have changed the question according to the datasource variables for better visualisation for the report)

- 1) How has the manga impacted anime series adaptations, considering factors such as type of media and demographic in manga compared to anime?
- 2) How do the anime and manga genres differ from each other in terms of score and popularity?

1. Ideas

- Paired bar Chart (Histogram)
- Line Chart
- Doughnut Chart
- Scatter plot
- Pie Chart
- Compounded Bar Chart
- Stacked bar Chart
- Bubble Chart
- Time Series
- Network
- Density Plot



2. Filter

- Histogram
- Line graph
- Scatter plot
- Pie Chart
- Density plot
- Time Series Forecasting
- Bar Chart
- Stacked Bar Chart
- Compound Bar Chart

3. Categorize

1-D Dimension

- Bar Chart
- Pie Chart

2D Dimension

- Stacked bar Chart
- Compound bar Chart
- Histogram
- Time Series
- Time Series Forecasting
- Line graph

Statistical graph

- Density plot

4. Combine and Refine

Sheet 2: Manga - Anime process has influenced the demographic and ~~media preference~~ manga type.

- Check the demographic for both Manga and Anime and compare manga type.
- ~~Media preference~~ such as TV shows, movies etc

Sheet 3: Manga - Anime based on their score and popularity

- Ranking them based on their popularity
- According to review given ppl, we can see high score with Anime and manga

Question

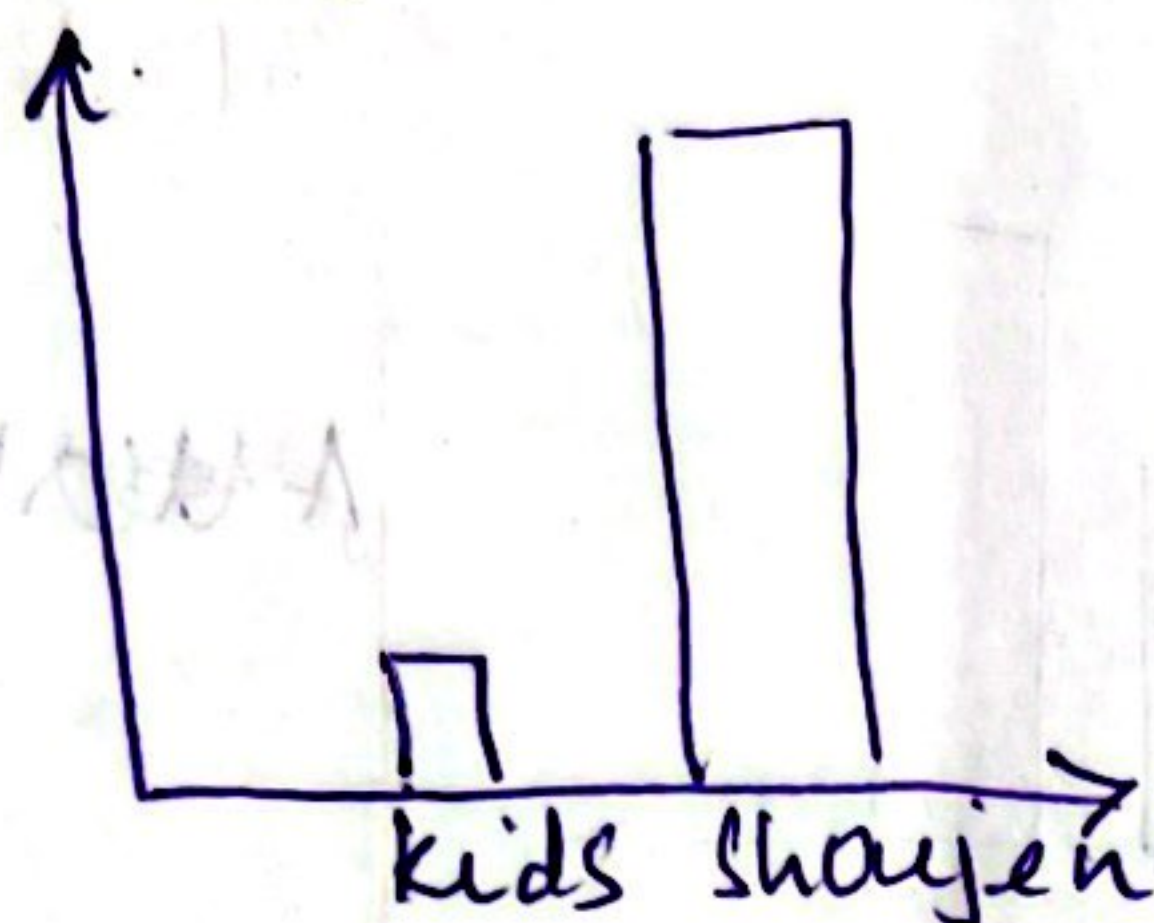
How has the manga and anime process influenced the manga demographic and ~~media preference~~ as well as popularity and score

Layout

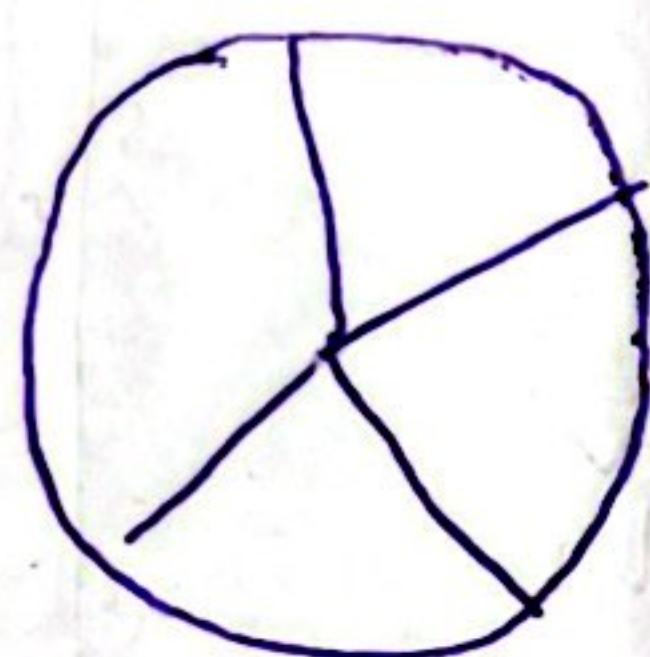
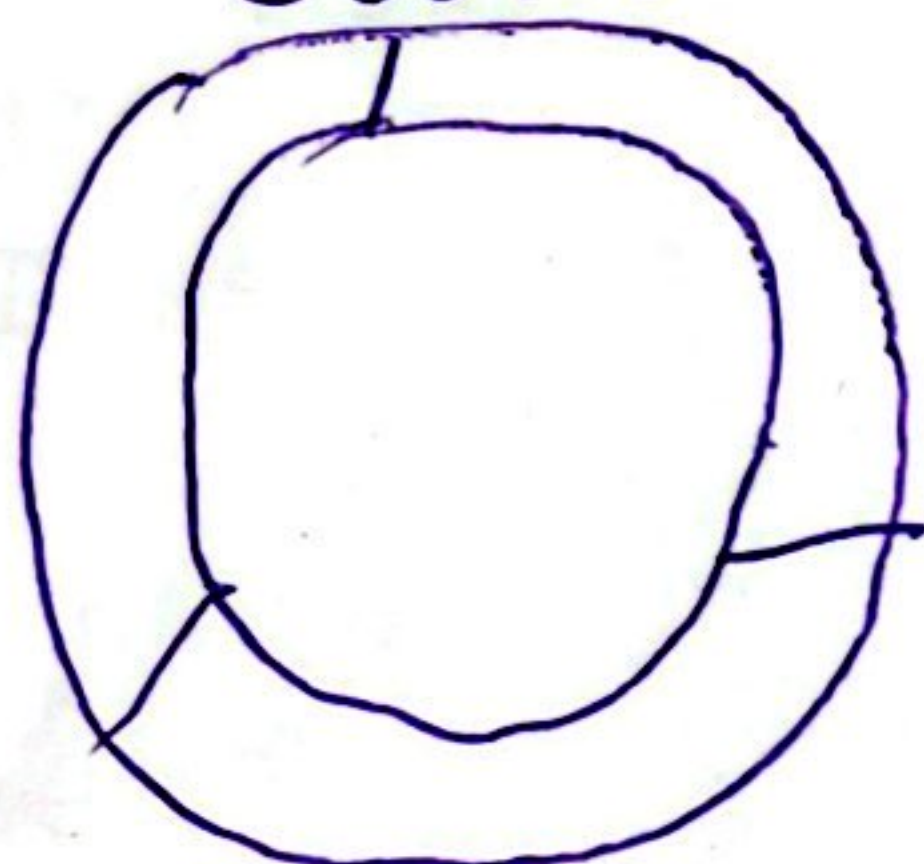
MANGA & ANIME
 ONE PIECE ▾
 DEMOGRAPHIC
 KIDS ▾
 TYPES
 TV ▾

→ (A)

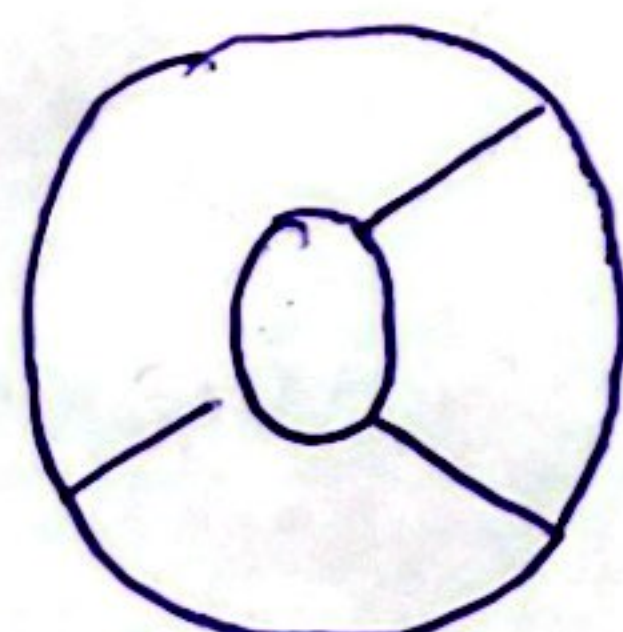
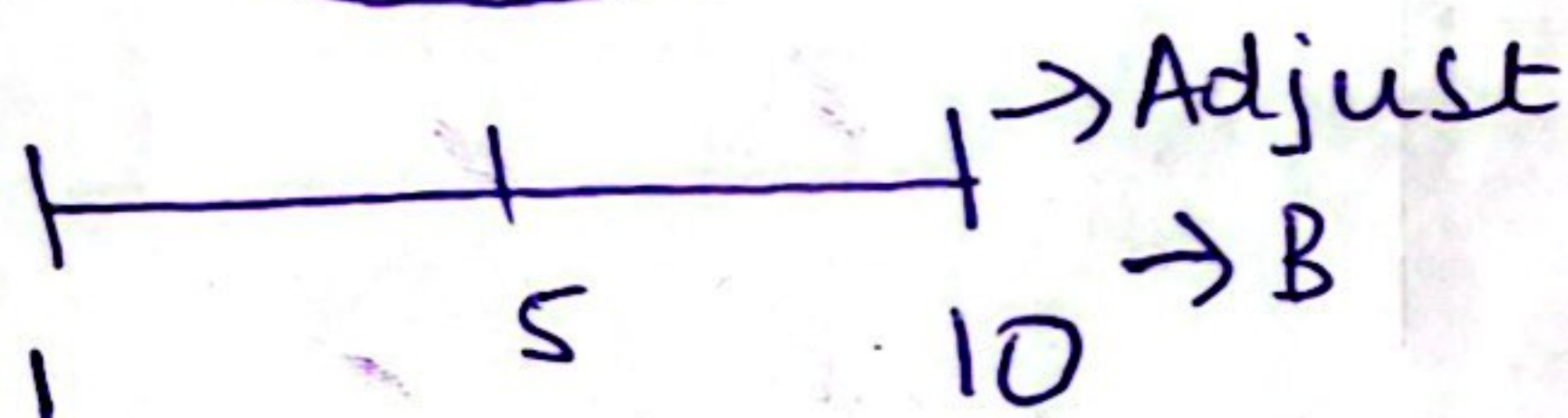
ONE PIECE



SCORE

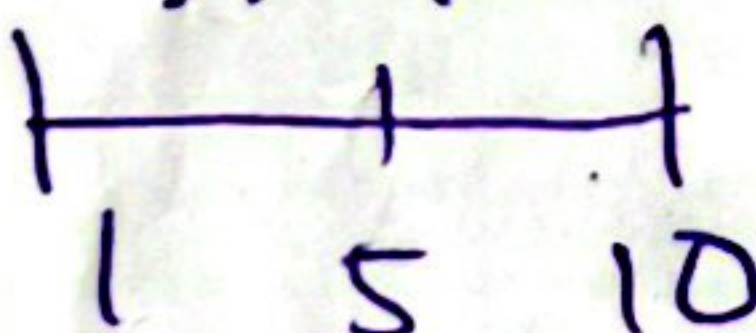


Media Type



→ Popularity

→ (C) → Adjust



Title: Score and Popularity
 Author: Subbulakshmi
 Date: 12th May 2023
 Sheet: 2

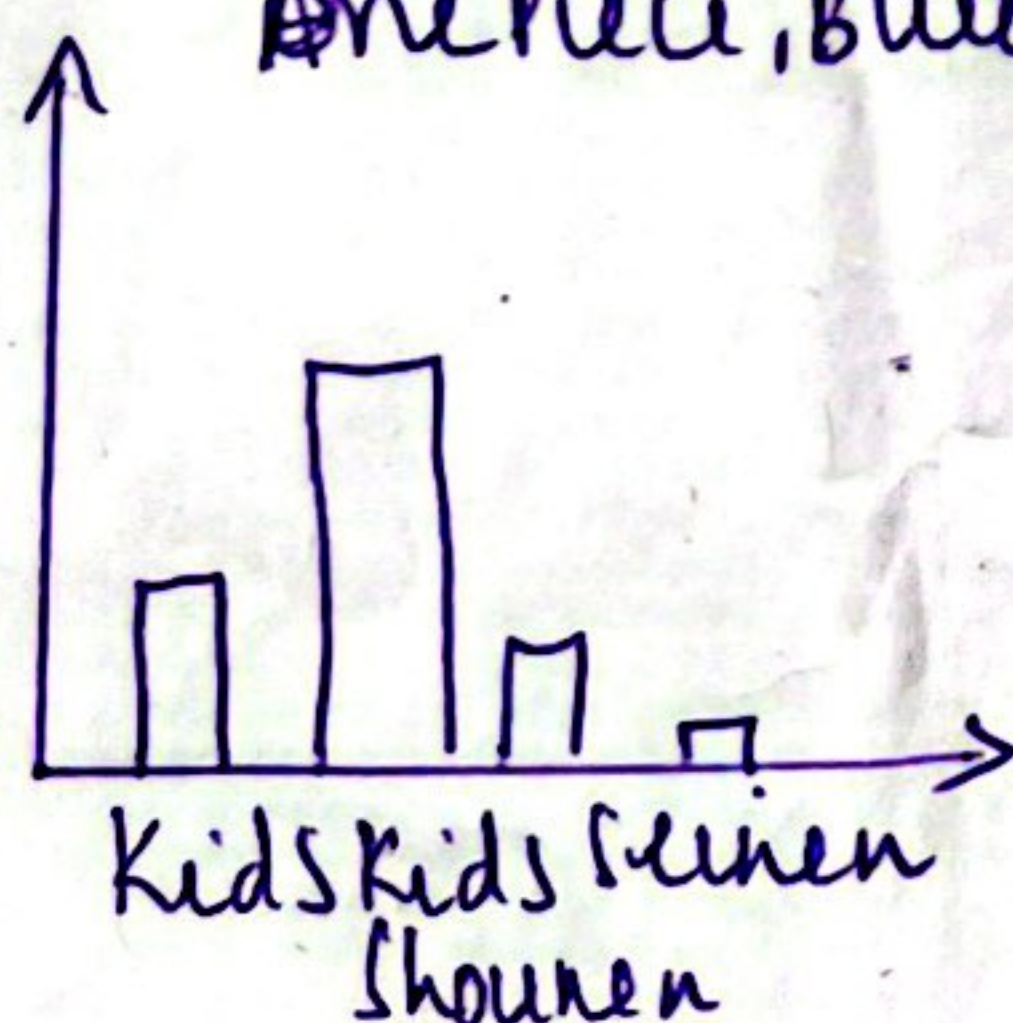
OPERATION

- user can interact with block whether the user want to choose multiple Anime and manga to get good diagram
- Adjust the Score based on top Anime and manga (Preferred by user)
- Adjust the popularity based on top Anime and manga (Preferred by user)

FOCUS

MANGA AND ANIME
 ONE PIECE
 BLUE PERIOD
 BLUE LOCK
 SPYX FAMILY
 DEMOGRAPHIC
 KIDS ▾
 KIDS, SHOUNEN
 SEINEN
 SHOUJO

Blue lock, SPYX Family
One Piece, Blue Period



SCORE

POPULARITY

Start. Finish

Discussion

Advantage:

- user can easily interact we but also extra feature that can be added

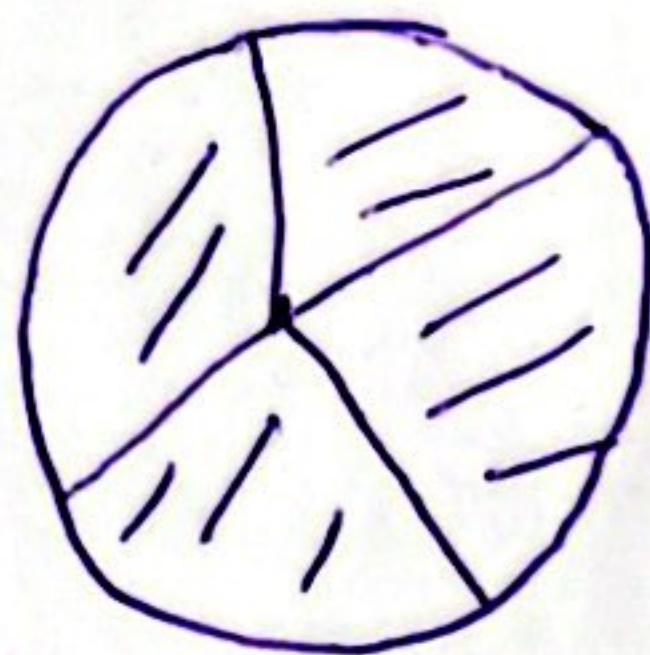
Disadvantage:

- The data is not enough but we can use data which has tabular data which combine both Anime and manga.

Layout

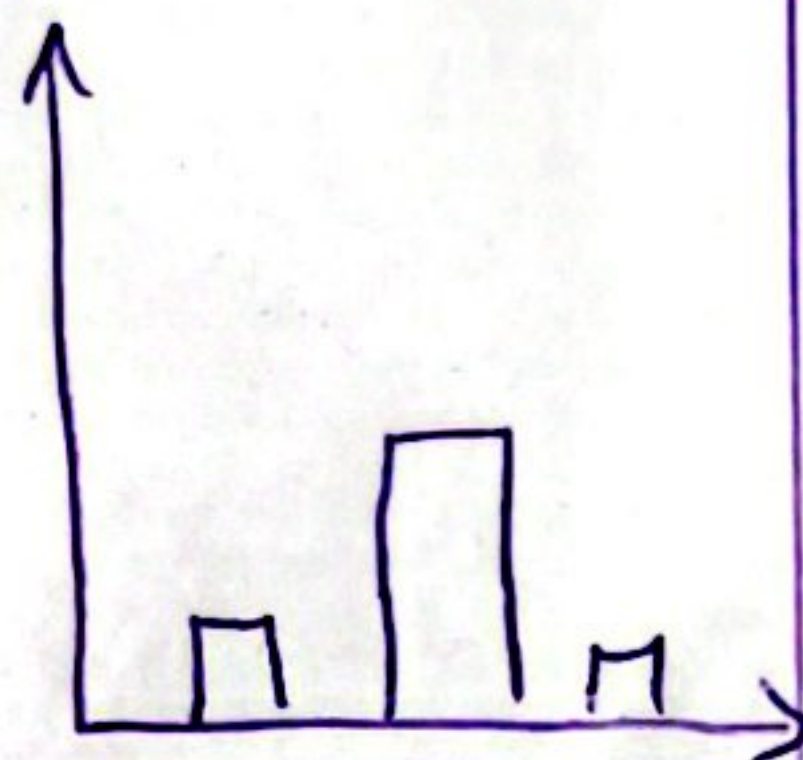
MANA & ANIME
ONEPIECE ▾

→ (A)



DEMOGRAPHIC
☐ KIDS
☐ KIDS, SHOUJO
☐ KIDS, SHOUNEN
☐ SEINEN
☐ SEINEN, SHOUJO

→ (B)



TYPES
TV ▾

→ (C)

Title: Demographic and type of Media
Author: Subbulakshmi Natarajan
Date: 12th May 2023
Sheet: 3

OPERATION

- User can choose the option they want from Anime and manga
- After that user can choose the demographic they want to watch
- Type of media that they like to choose best preferred Anime or manga

FOCUS

MANGA & ANIME
ONEPIECE
BLUE PERSON
SPYX FAMILY
BLUE LOCK
TV RAMEN

DEMOGRAPHIC
☒ KIDS
☒ KIDS, SHOUJO
☒ SEINEN



Advantage Discussion

Advantage:

- System is user friendly for user to interact with the system
- Type of TV and demographic best particular anime and manga

Disadvantage

- The data is not sufficient to present the data.

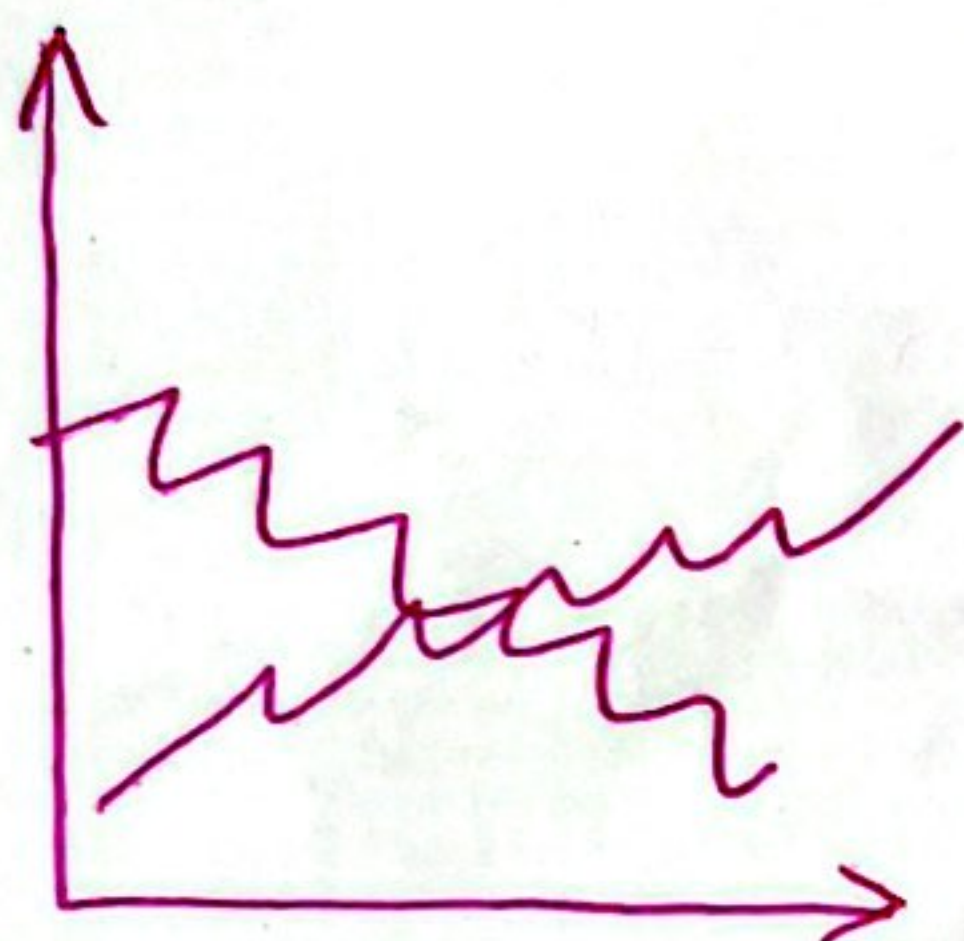
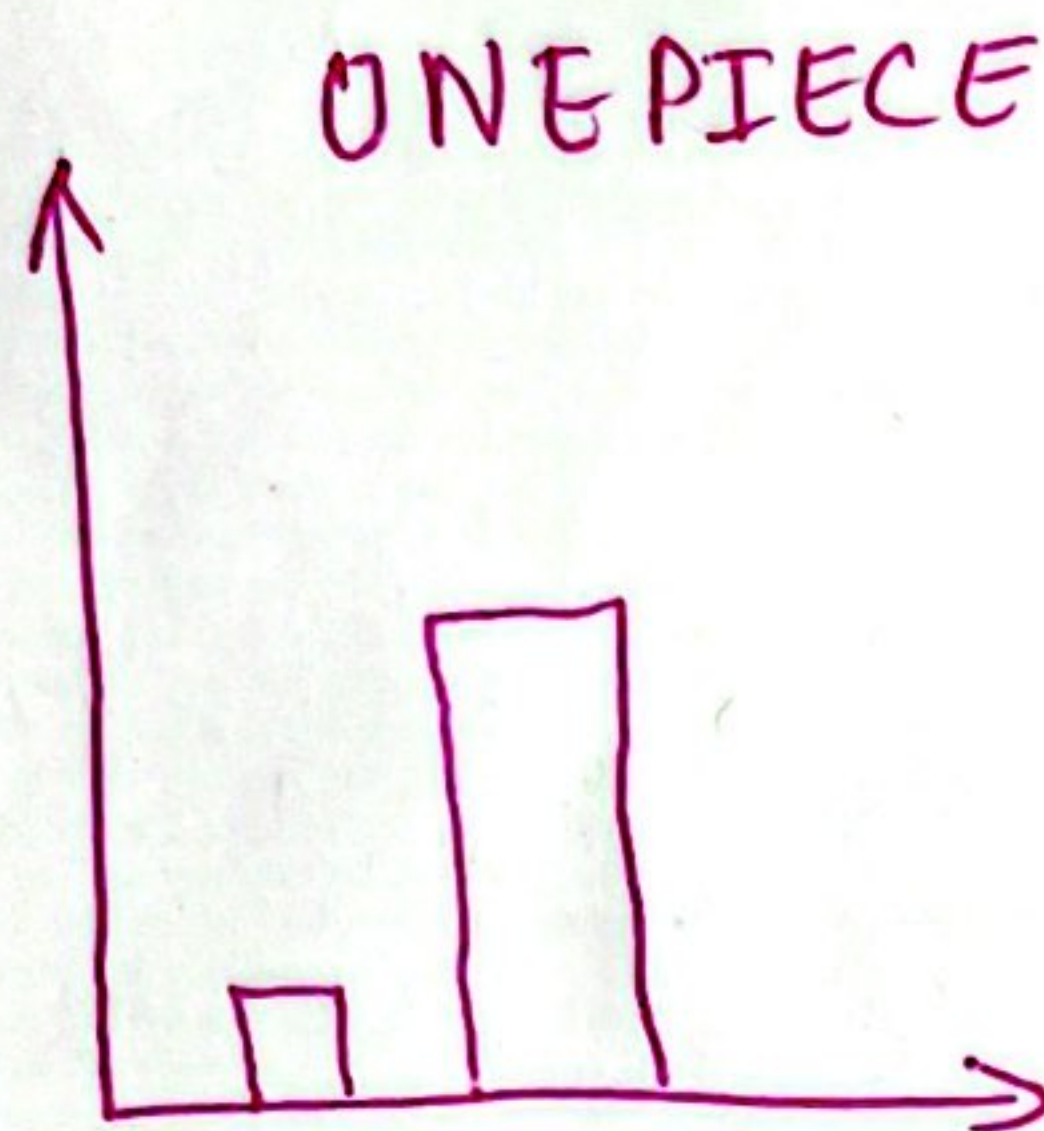
Layout

MANGA & ANIME
ONEPIECE ▾
DEMOGRAPHIC
KIDS ▾
TYPES
TV ▾

SCORE
5.5 ▢

POPULARITY
6.5 ▢

MANGA & ANIME
ONEPIECE



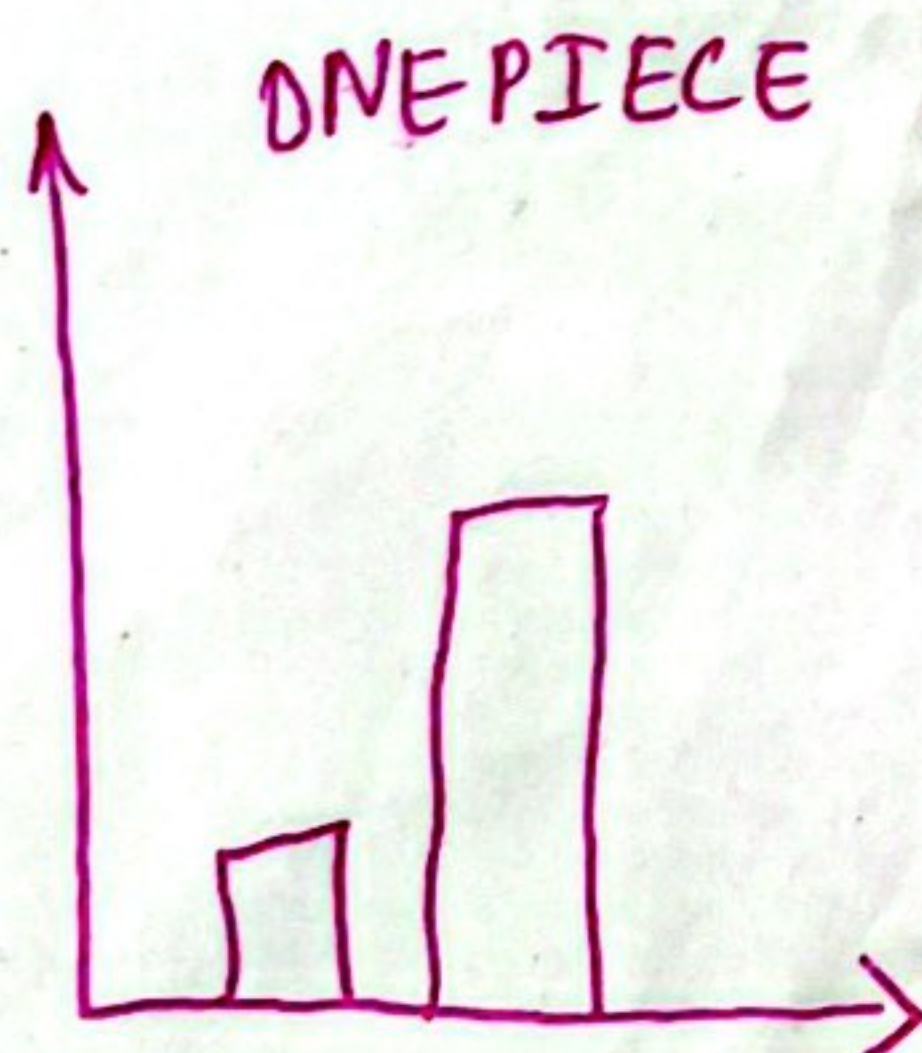
Title: Demographic and Popularity Media
Author: Subbulakshmi Natarajan
Date: 12th May 2023
Sheet: 4 of 5

OPERATION

- User can interact with block by choosing multiple choice
- User can enter the score by adding it in the block then user can see the top 10 anime and manga
- User can enter the popularity same as anime.

FOCUS

MANGA & ANIME
ONEPIECE ▾
DEMOGRAPHY
KIDS ▾
TYPES
TV ▾



Discussion

Advantage:

- User can interact with box in the VShiny application

Disadvantage:

- Data is not sufficient but merging both Anime and manga.

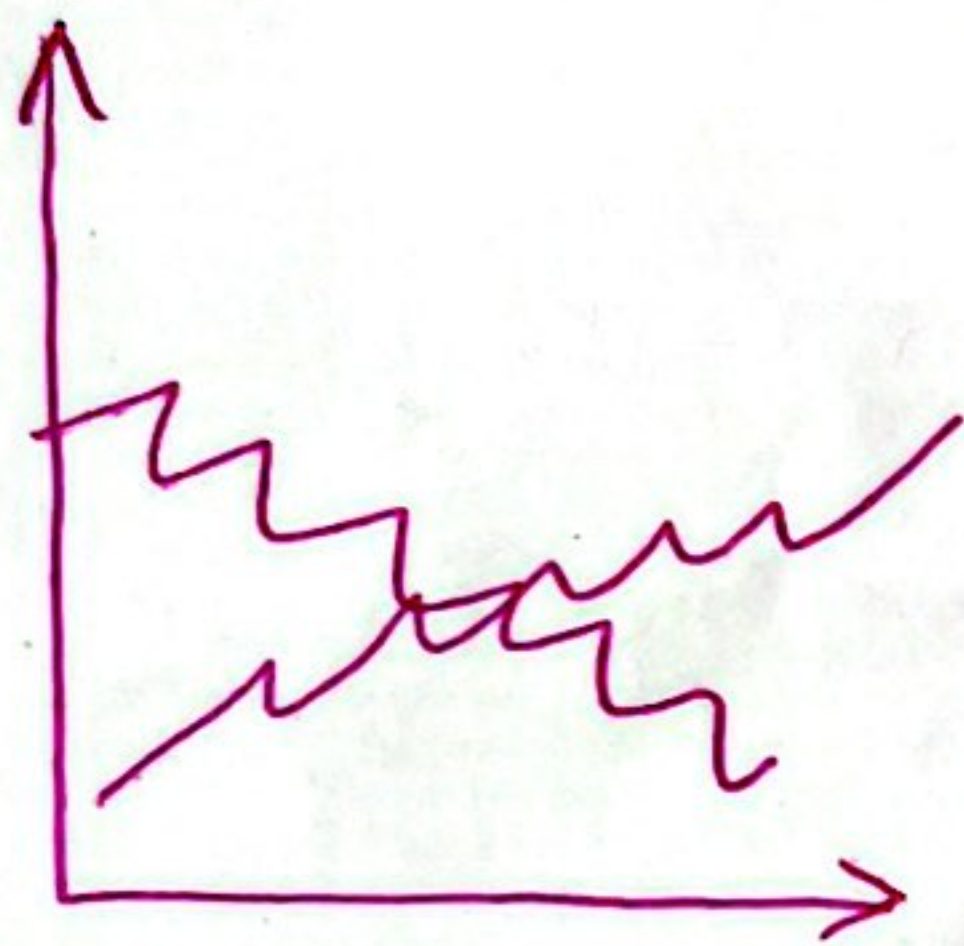
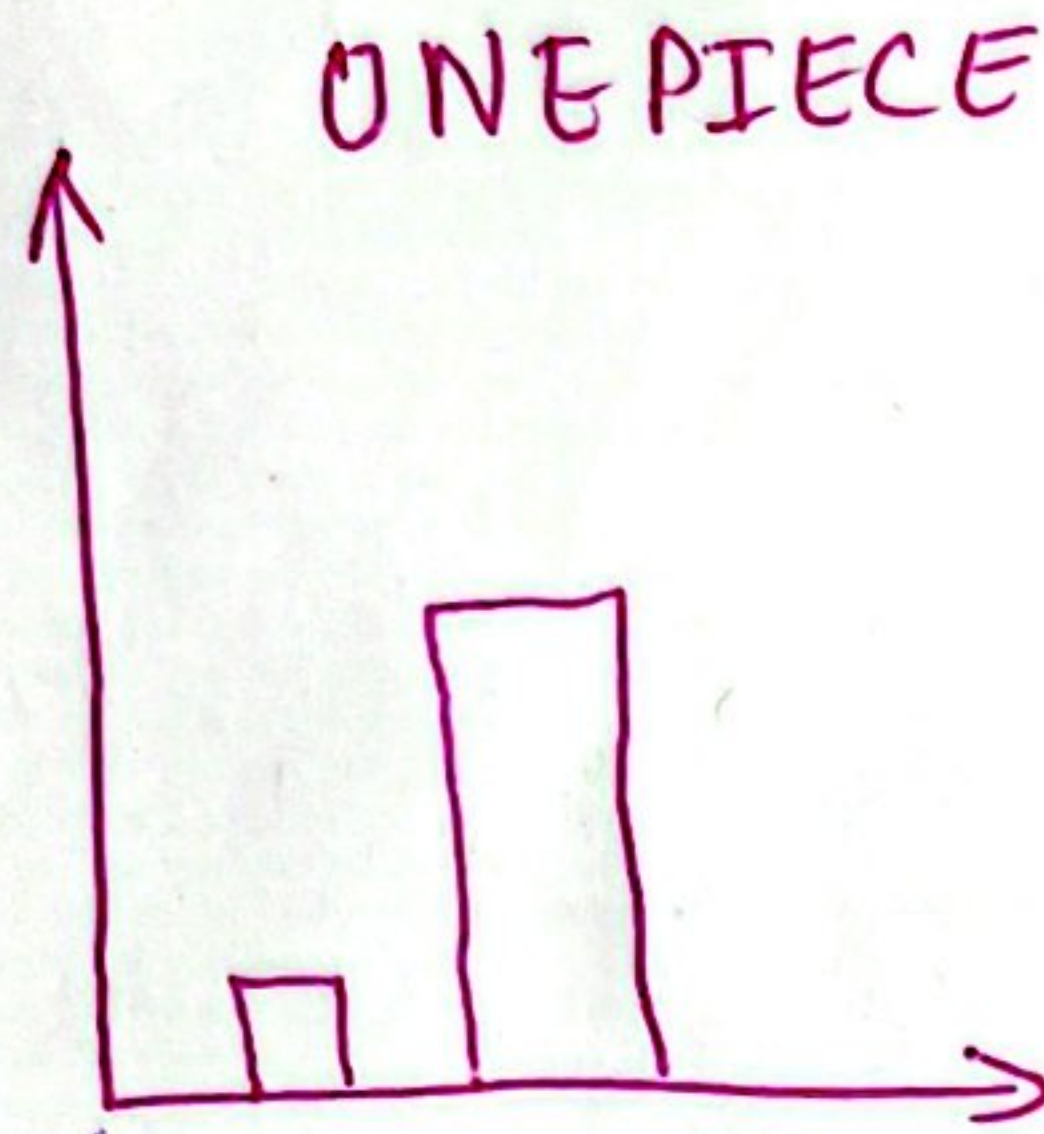
Layout

MANGA & ANIME
ONEPIECE ▾
DEMOGRAPHIC
KIDS ▾
TYPES
TV ▾

SCORE
5.5 ▢

POPULARITY
6.5 ▢

MANGA & ANIME
ONEPIECE



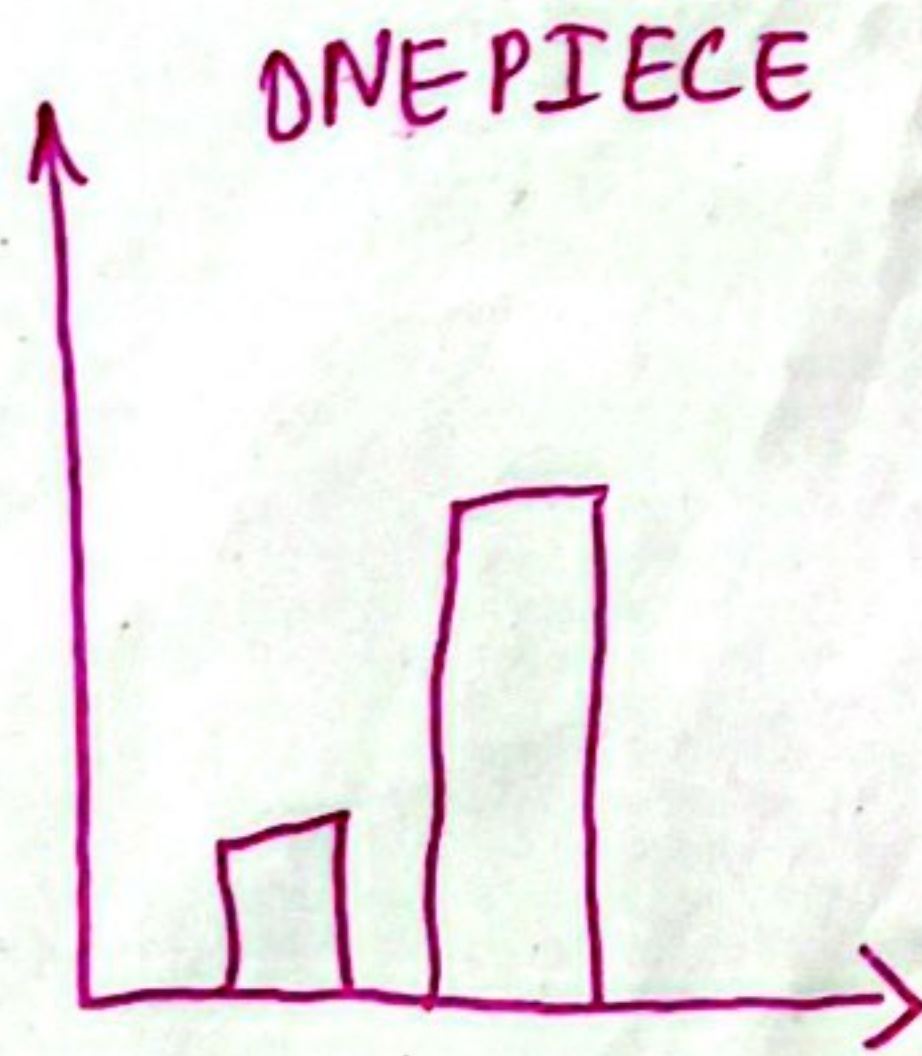
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TV ▾



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