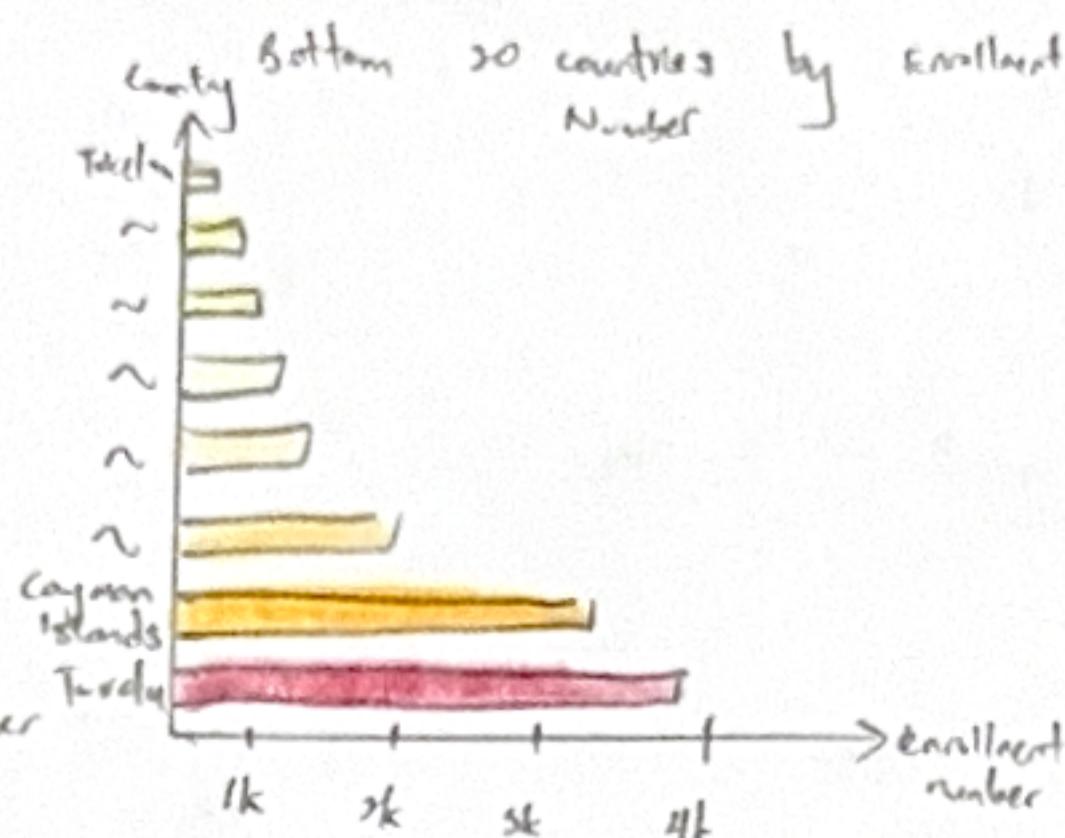
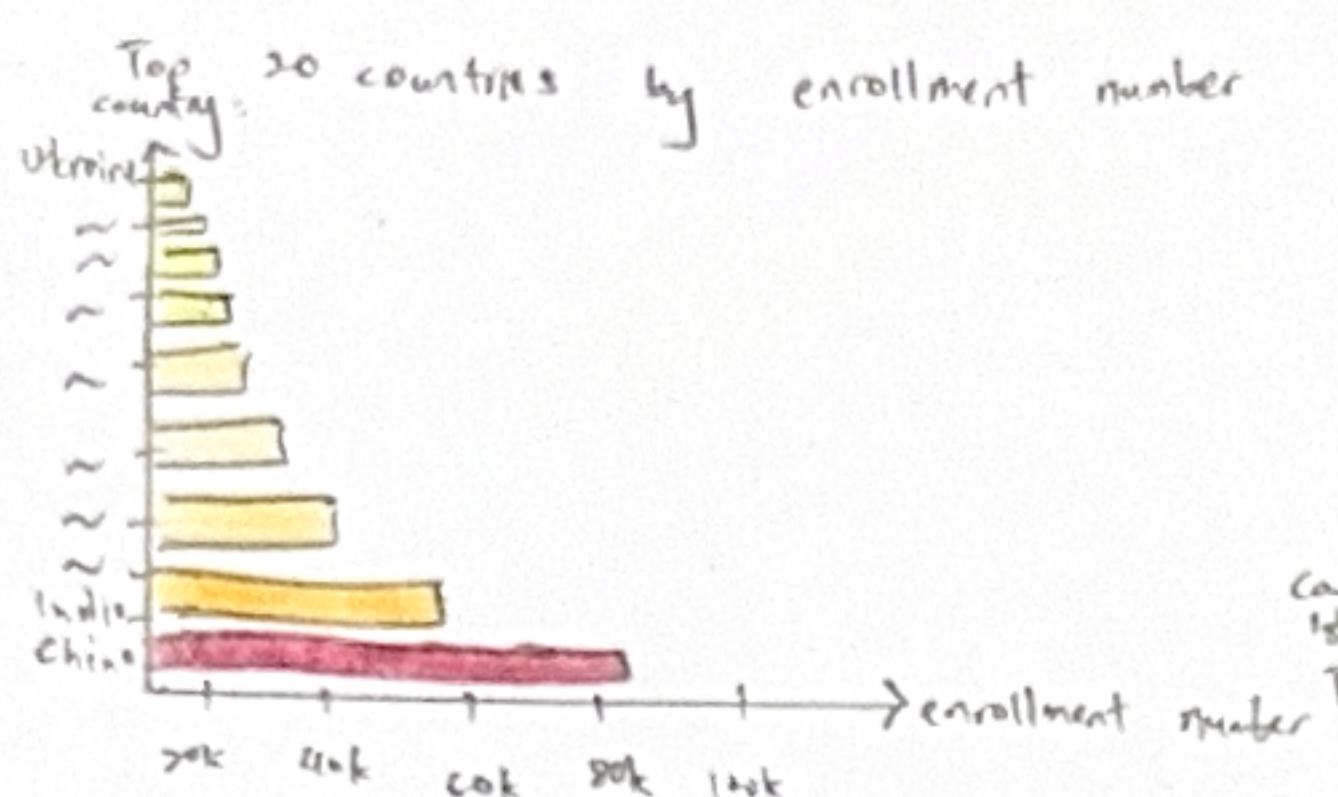


1. IDEAS



2. FILTER

Equivalent Number by
Centigrade

- Simple & Clear



Counties by Enrolled Number

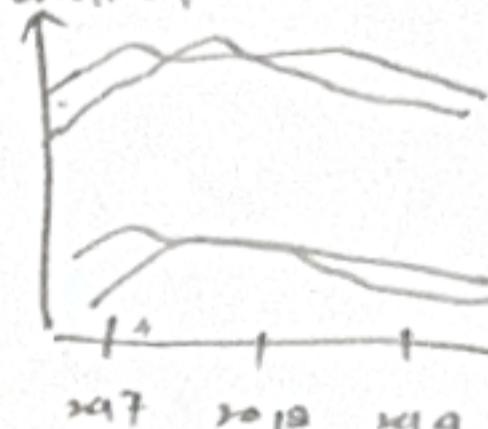
- Social space
 - More interactive



A horizontal number line with arrows at both ends. The line is labeled "Enrollment No." at its right end. Three tick marks are present on the line, labeled "20k", "40k", and "60k" from left to right.

Select Rank = o Top 20 o Bottom 20

Enrollment Number by Income Group



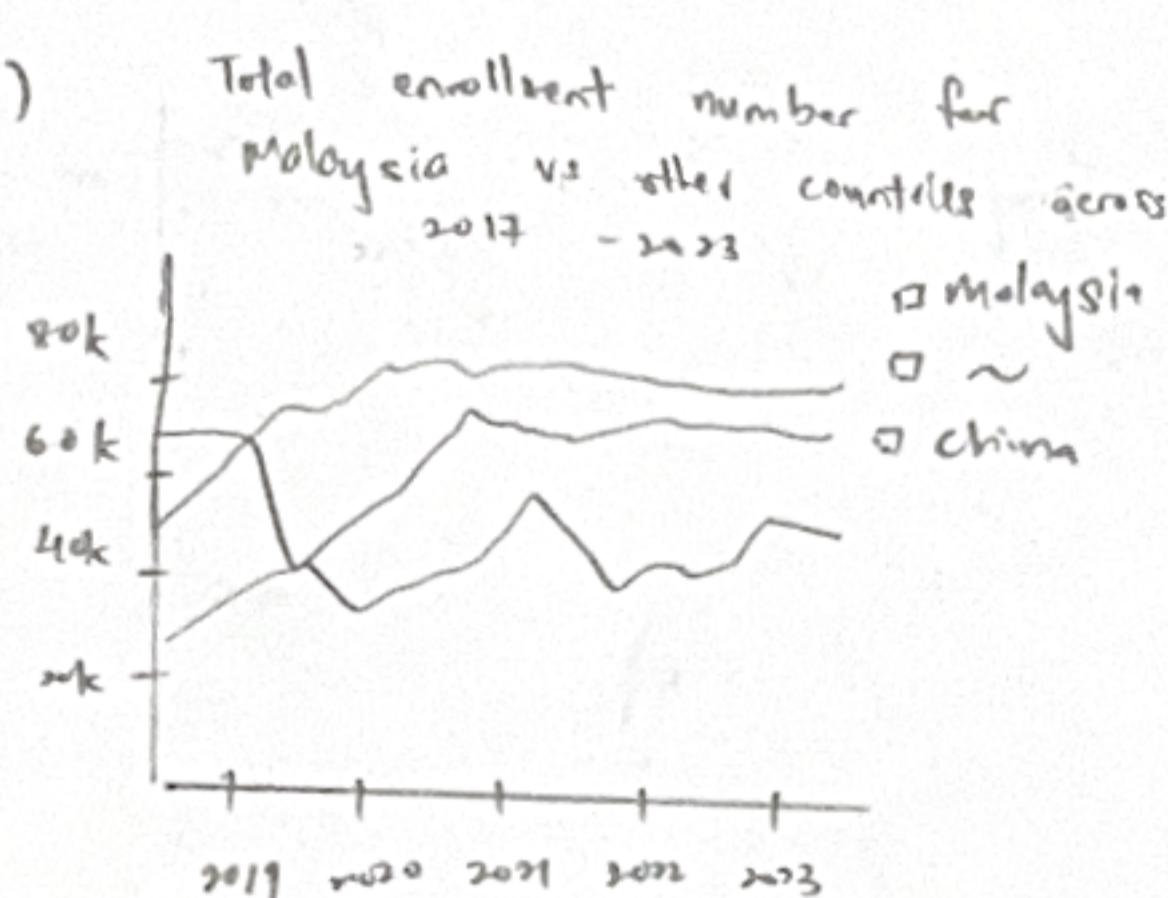
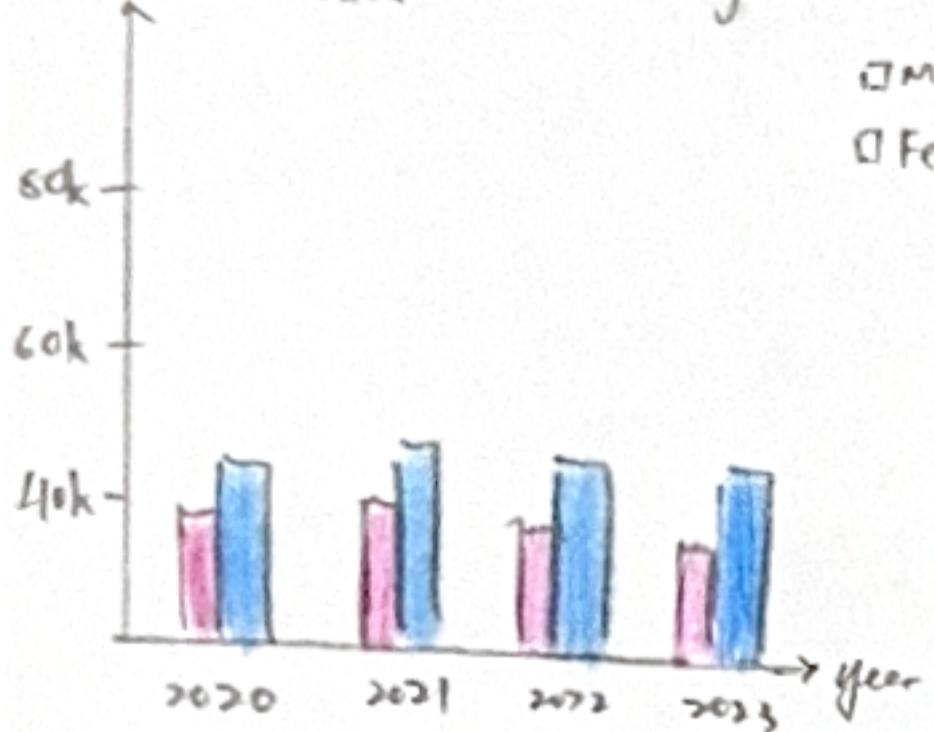
- More
switches
compared
to LBBM
chart

Education Enrollment Map

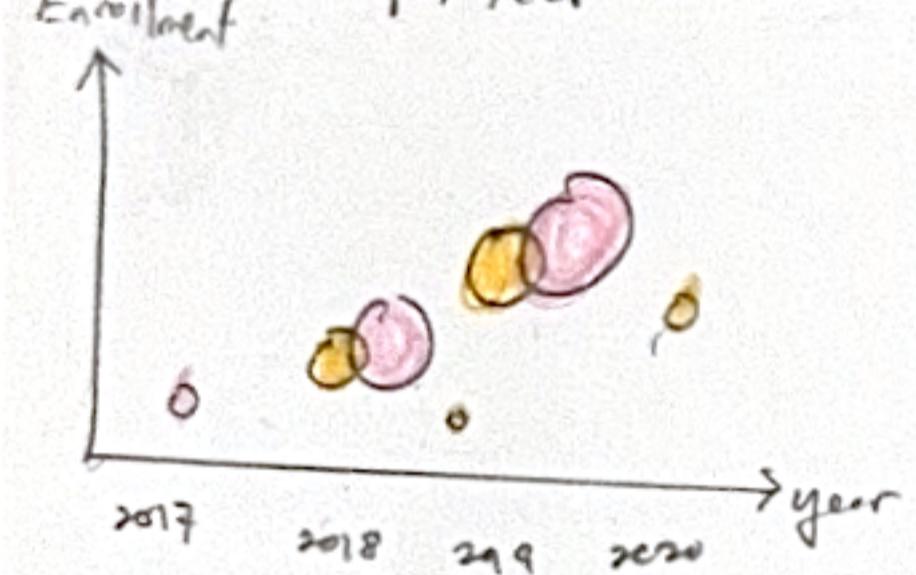


- Clear Interpretation
 - Display Multiple Data

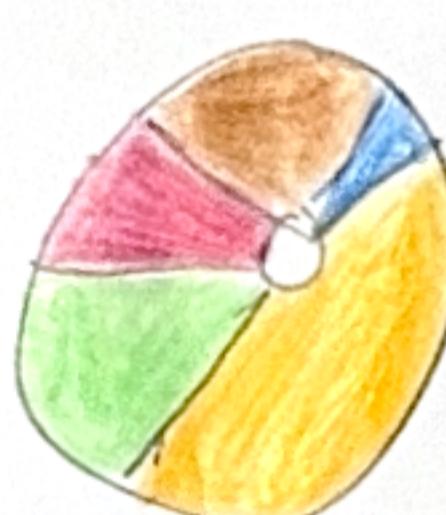
Education enrollment by gender (World)



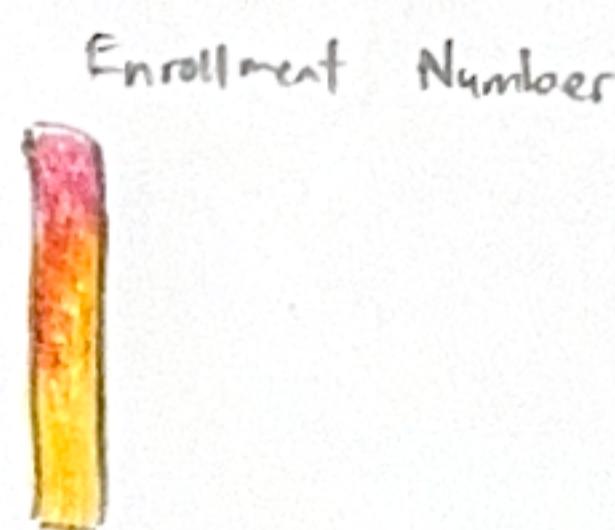
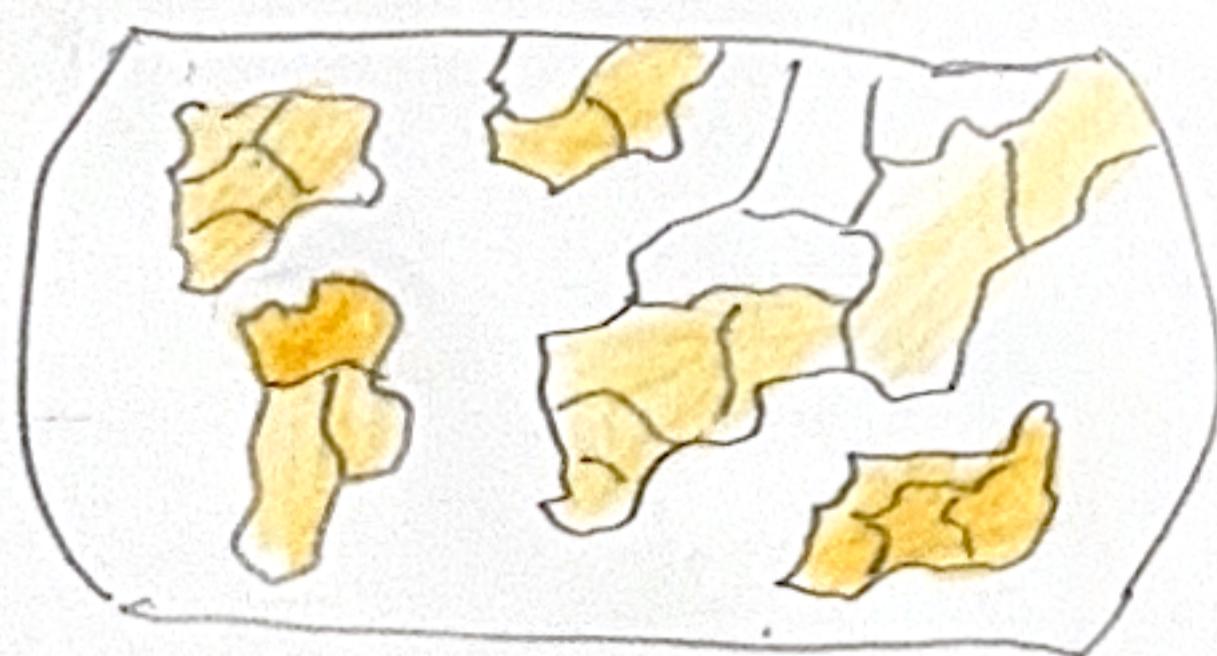
Relationship between Enrollment Number, Income Group, Year Enrollment



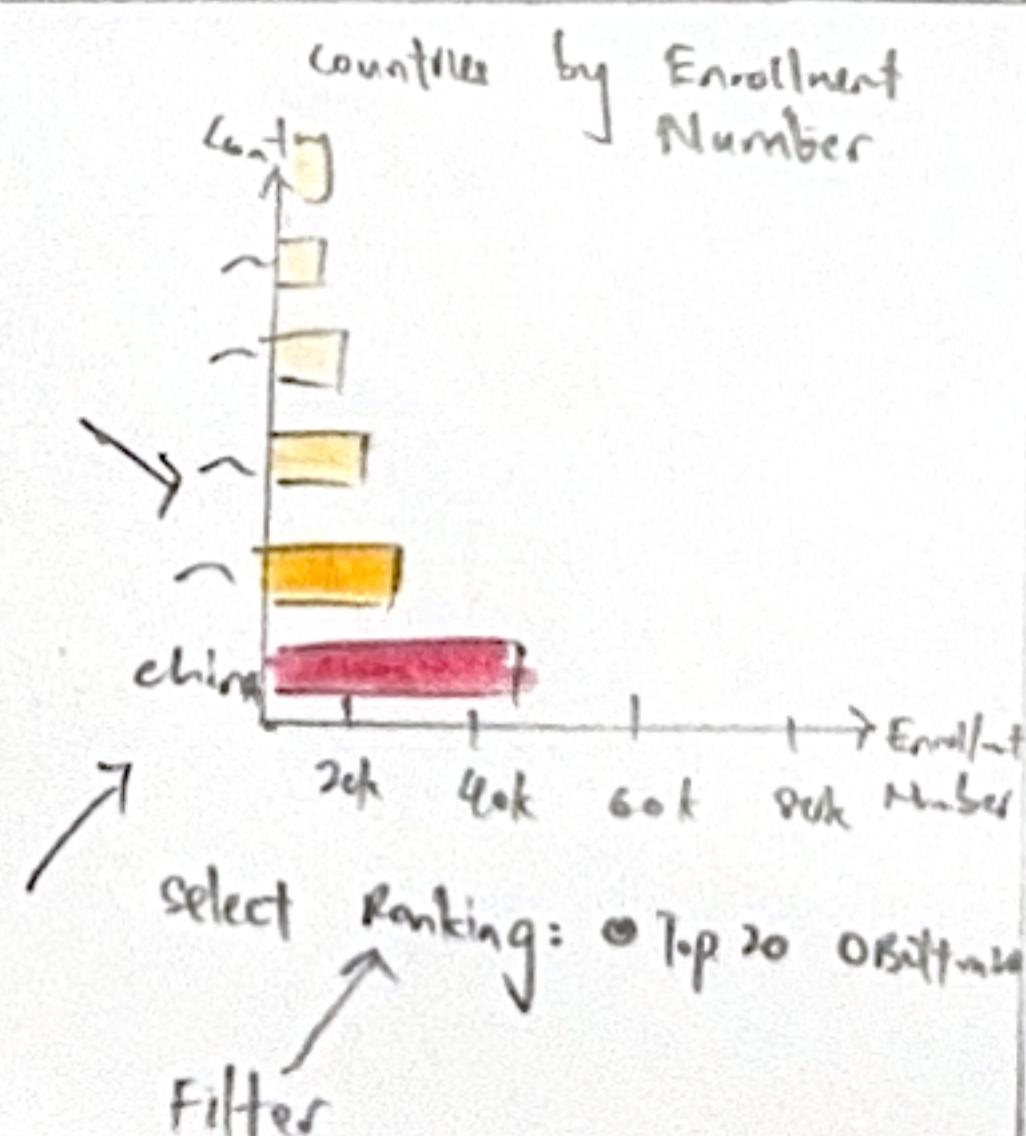
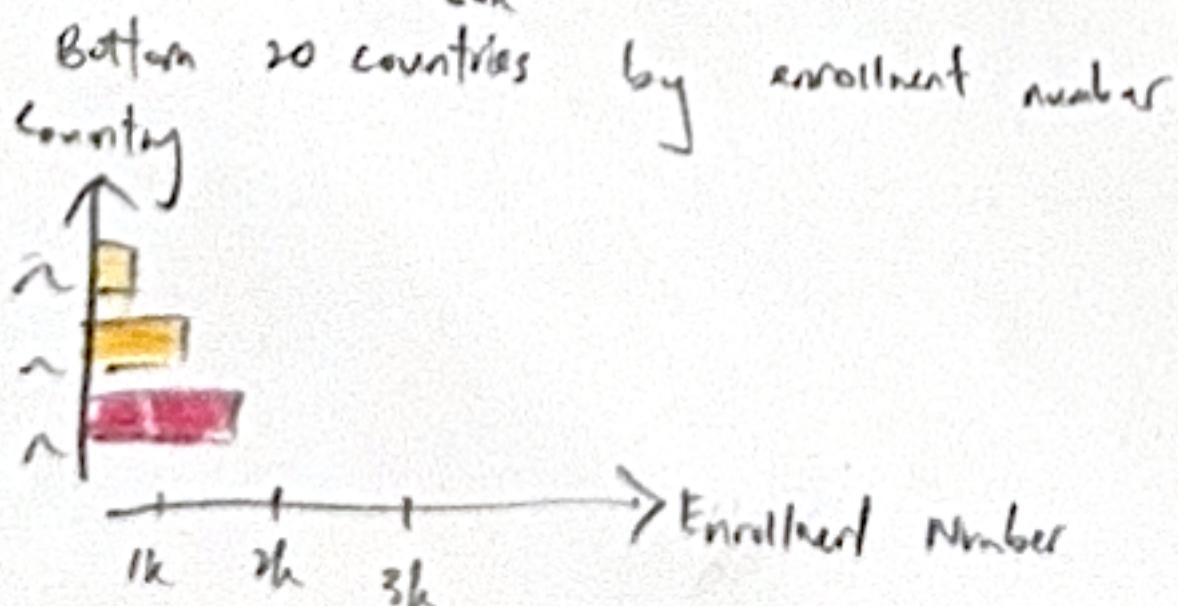
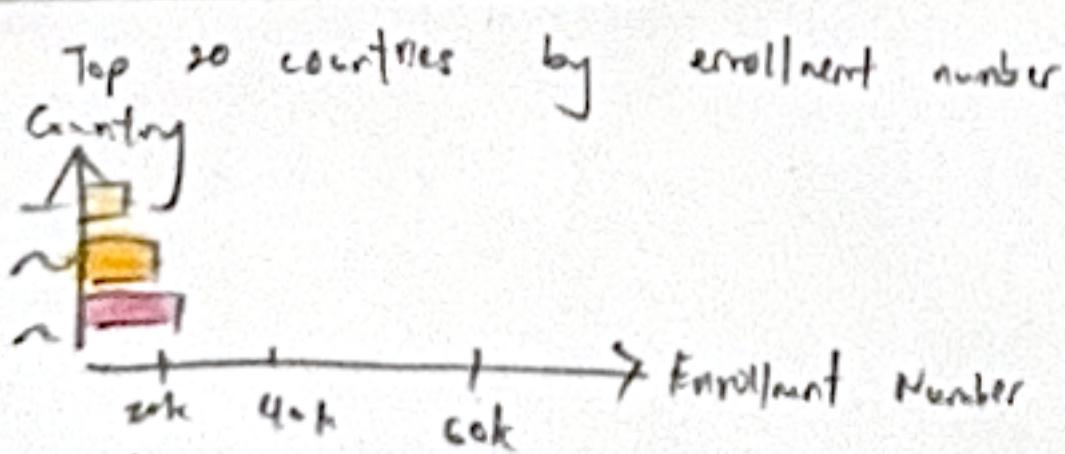
Enrollment Number by Continent



Education Enrollment Map



4. COMBINE → REFINING



5. QUESTIONAI

- Does this viz tell a clear story?
 - Are multiple viz needed?
 - Is it answering the client needs?

LAYOUT

Narrative Layout using website with D3 Library / Javascript

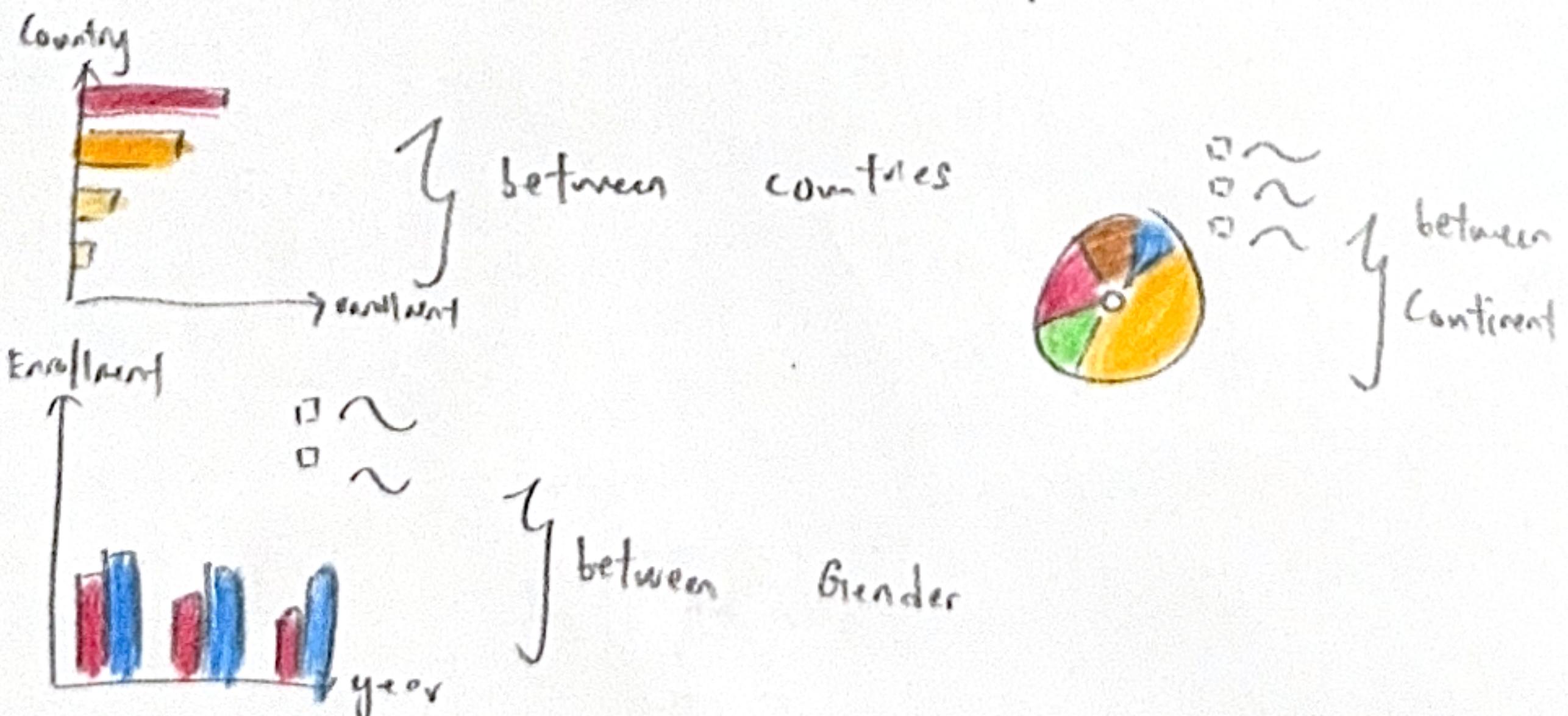
XXX News There has been an huge increase in pre-primary enrollment in 1	Do you think this news is true? 2	 45% voted Y 3
 Search country: <input type="text"/> As you can see 4	Can you make a guess on the top enrolled country A ~ ✓ B ~ C ~ D ~ 5	Top 20 countries of enrollment
Do you think there is gender equality in education 6	It is true... Male Female 7	Which income group do you think has the highest enrollment numbers? Low Low Middle Upper 8
However... Enrollment 9		

Narrative visualisation with one-slide page website

- HTML
- CSS
- Javascript
- D3

FOCUS

Focus on enrollment number comparison



Title: Global Pre-Primary Education Enrollment Trends and Disparities
Author: Foo Jia Wei, Ng

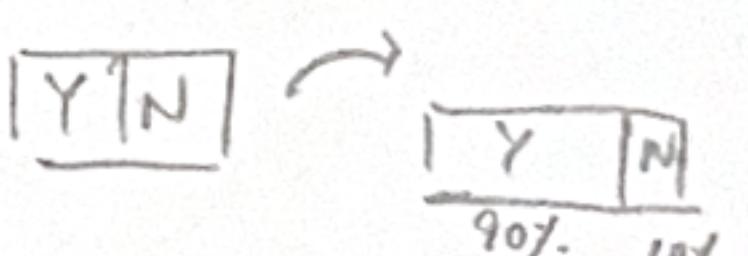
Date: 12/10/2024

sheet: 2

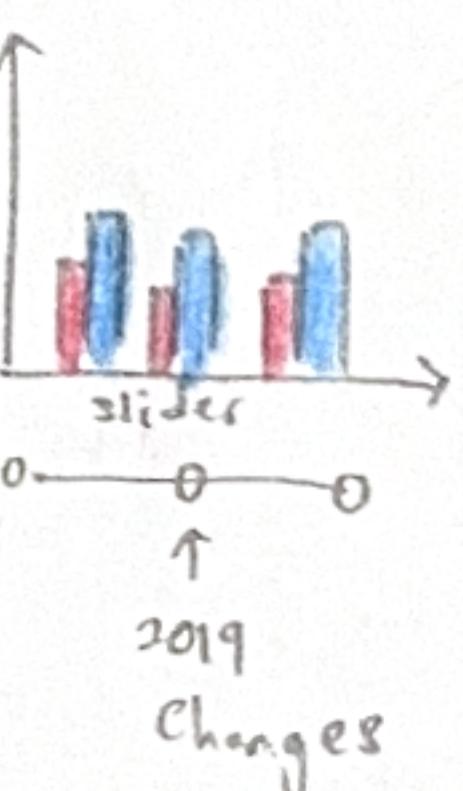
Task: Assignment 2
#IT3179

OPERATIONS

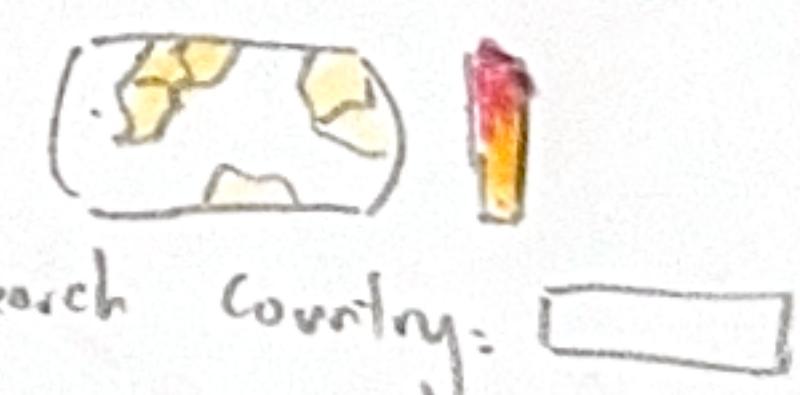
Page 2 :



Page 8



Page 4

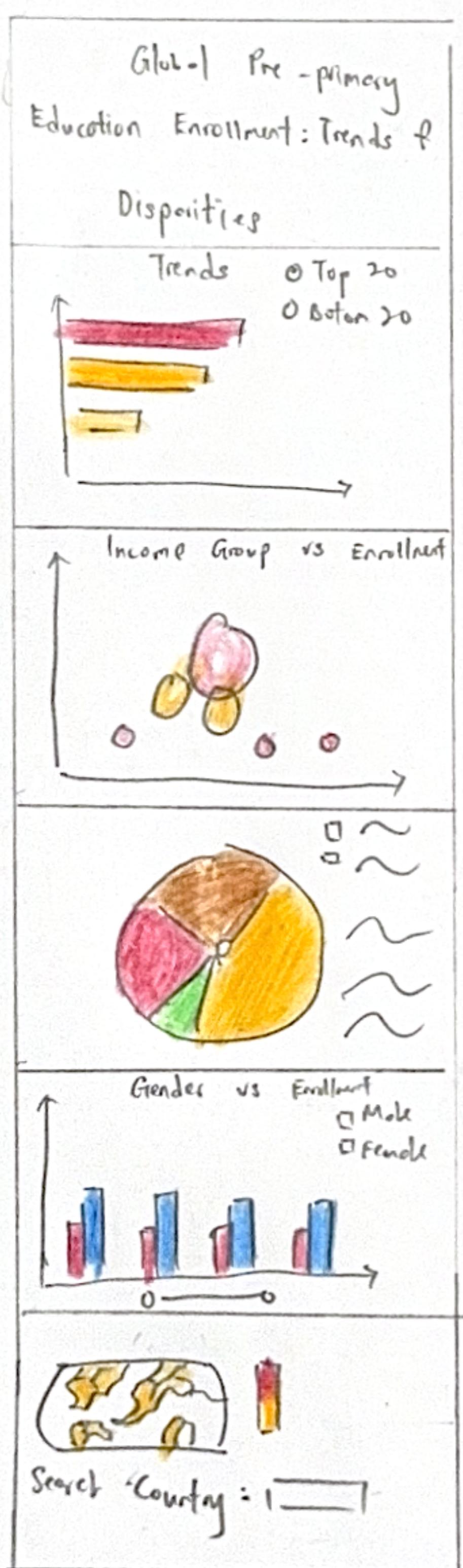


DISCUSSIONS

- need to have a 'database' to store the user's choices on page 2 e.g.
- Is the implementation doable?
- Does D3 library hog these viz?

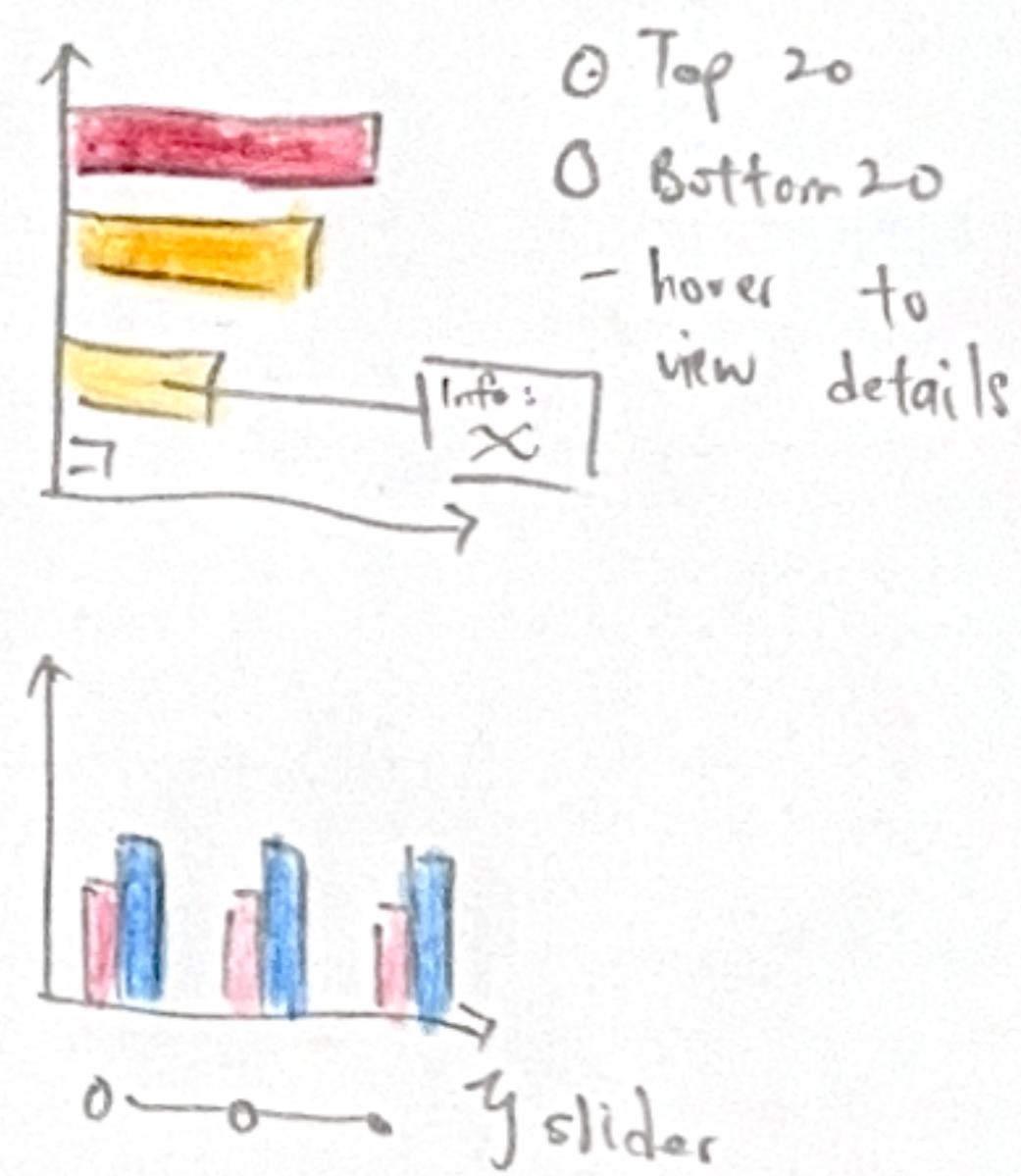
LAYOUT

Simple Narrative Viz



Conclusion:
Wavy lines

OPERATION



FOCUS:

- Everything is focused in this layout
- All of them are graphs & charts which strongly relates to the domain of the topic (Global Pre-primary Education Enrollment: Trends & Disparities)

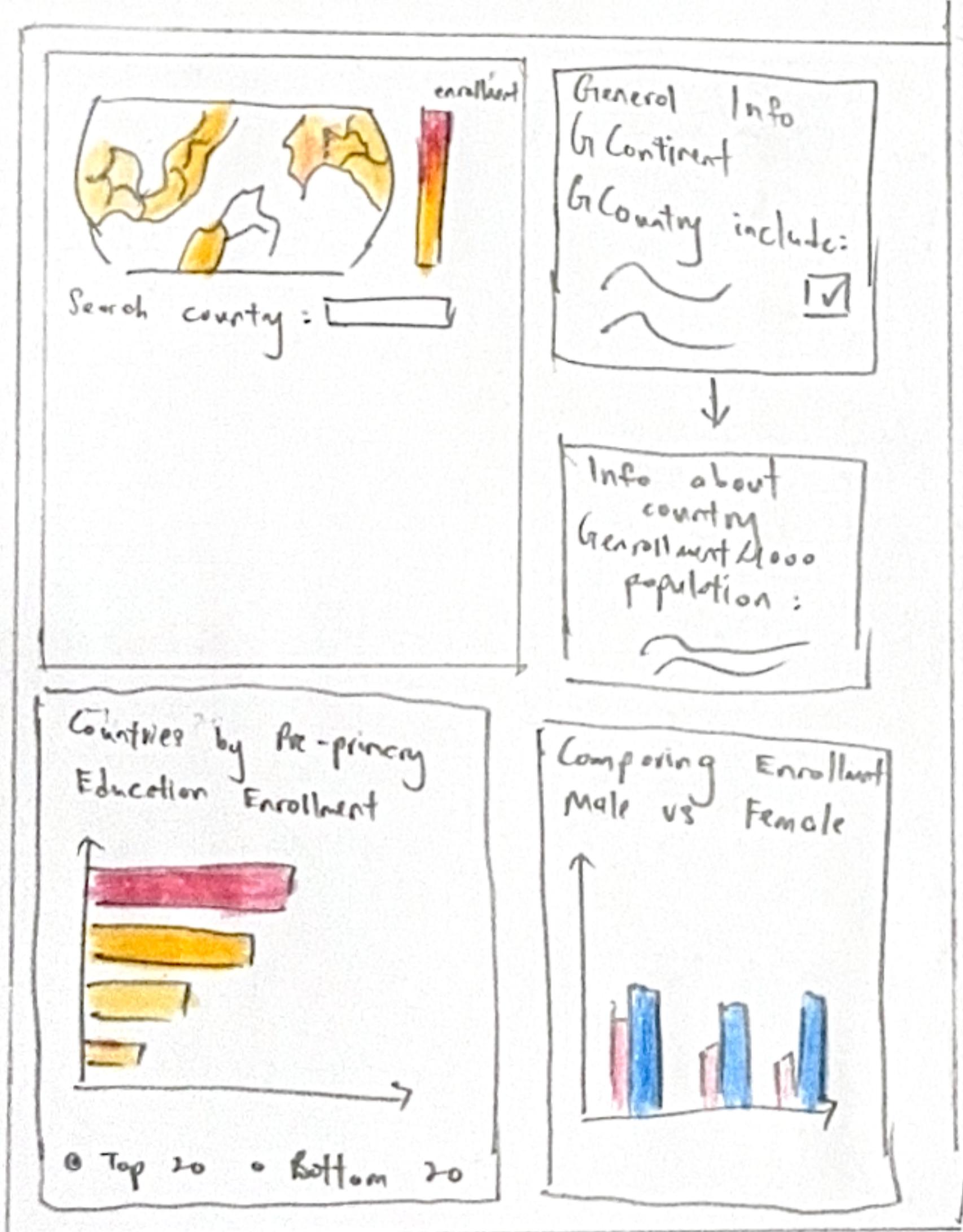
DISCUSSION

- Are some of the charts durable?
- Does the viewer / reader understand about the whole viz?

Title: Global Pre-primary Education Enrollment: Trends and Disparities
Author: Foo Jia Wei, Bryan
Date: 10/10/2024
Sheet: 3
Task: Assignment 2
FIT 3179

LAYOUT

Dashboard View



Title: Global Pre-Primary Education Enrollment: Trends and Disparities
Author: Fan Jia Wei, Bryan
Date: 12/10/2024

Sheet: 4

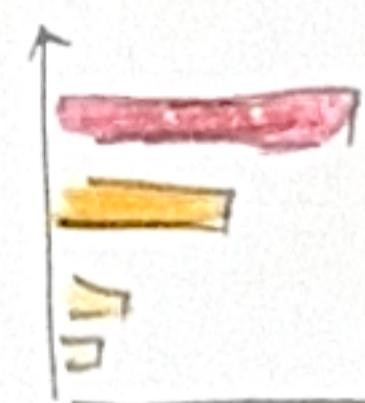
Task: Assignment 2
FIT 3179

OPERATION

- Filter to search for specific country



Search Country: []



- Select between Top / Bottom 20 Countries

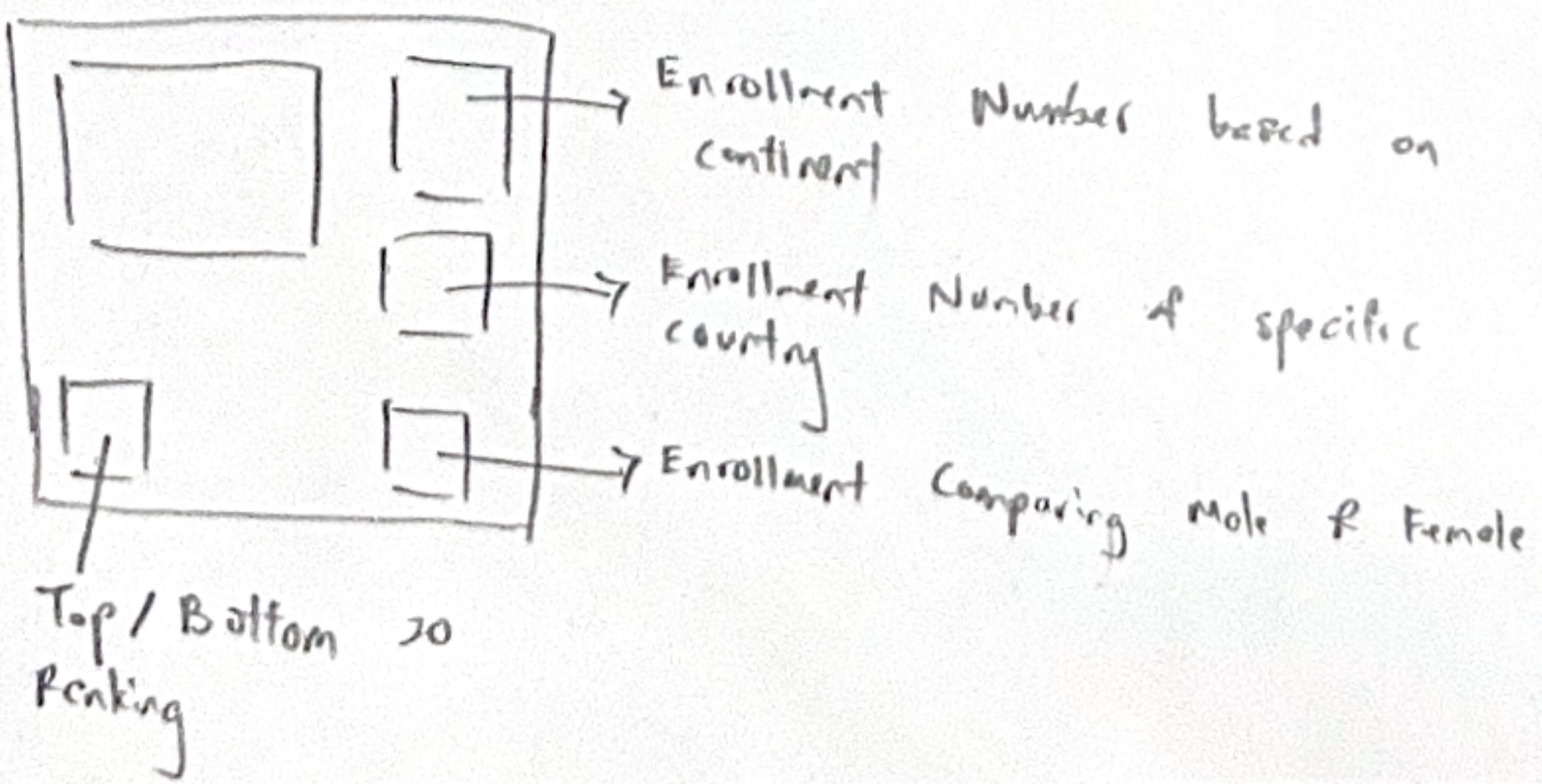
[] Top 20 [] Bottom 20

DISCUSSIONS

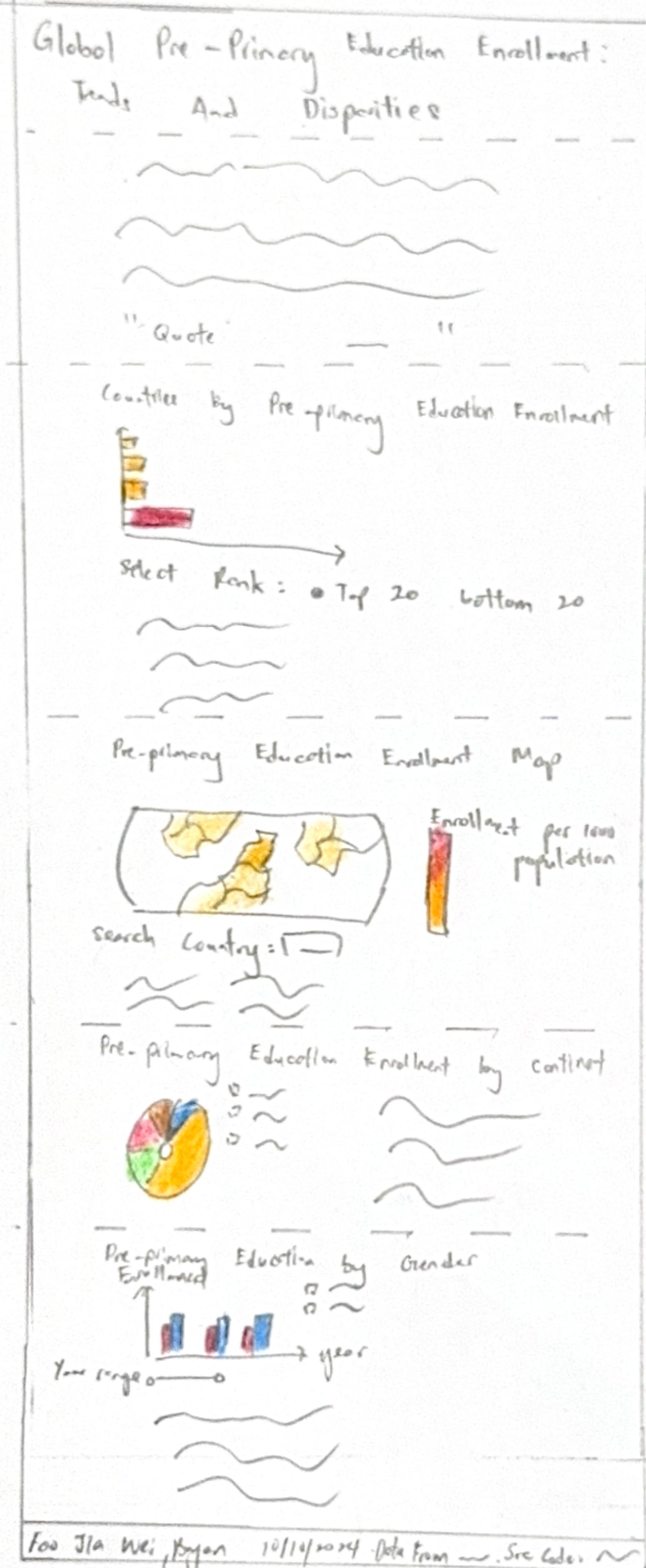
- Is the implementation doable?
- Is it time consuming?
(Under 1 week)
- Does P3 library have this viz?

FOCUS

In dashboard, everything is being focused



LAYOUT



Title: Global Pre-Primary Education Enrollment Trends and Disparities

Author: Foo Jia Wei, Bryan

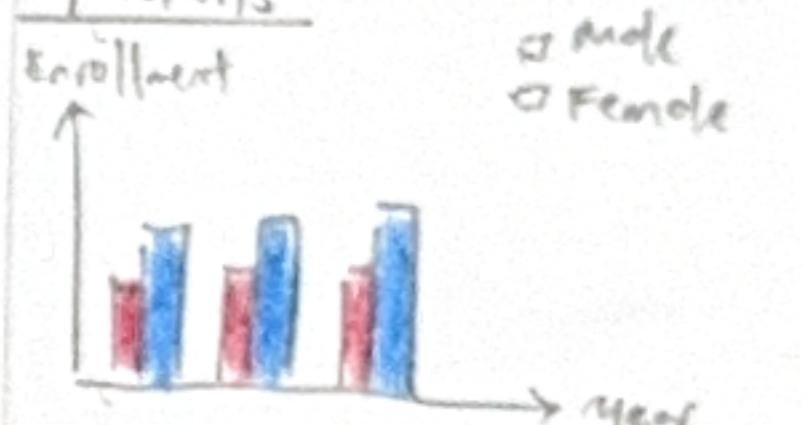
Date: 10/10/2024

Sheet: 5

Task: Assignment 2

FIT 3179

Operations



Year range: []

- Slider to shift through the years & adjust the year range.



Search country: []

- Filter to search for specific country's data

Detail

~Time: 30 hours estimated to create data viz

~Time: 5 hours for input + referencing

~Database implemented using CSV files which are obtained from UNESCO website

~Update the value using Javascript

~Designing the data viz with HTML

FOCUS

