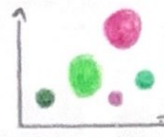


IDEAS

① Choropleth / Proportional symbol map



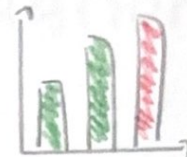
③ Bubble Chart



④ Pie Chart



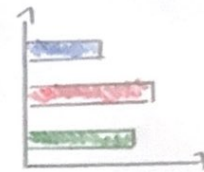
⑤ Bar Chart



② Heatmap



⑥ Polar Area Charts



Author: Haw Xin Jie
Date: 11/9/2024
Sheet: 1
Task: Planning

FILTER

MAP

- ↳ Choropleth map (world / region)

Bubble chart

- ↳ size: population
- ↳ colour hue: regions
- ↳ position: X- obesity
Y- overweight

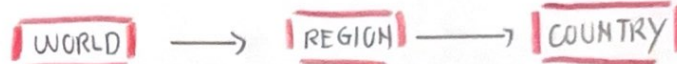
Bar chart

- ↳ Risk factors
- ↳ obesity / overweight for each region

Polar Area Charts

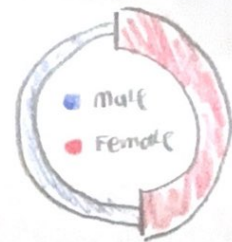
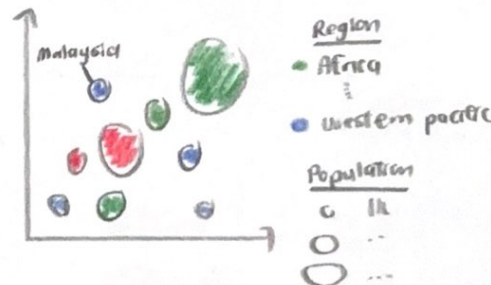
- ↳ Gender

CATEGORIZE



- choropleth map
- world map
- bubble plot
- polar area charts (gender)
- bar chart

COMBINE & REFINE

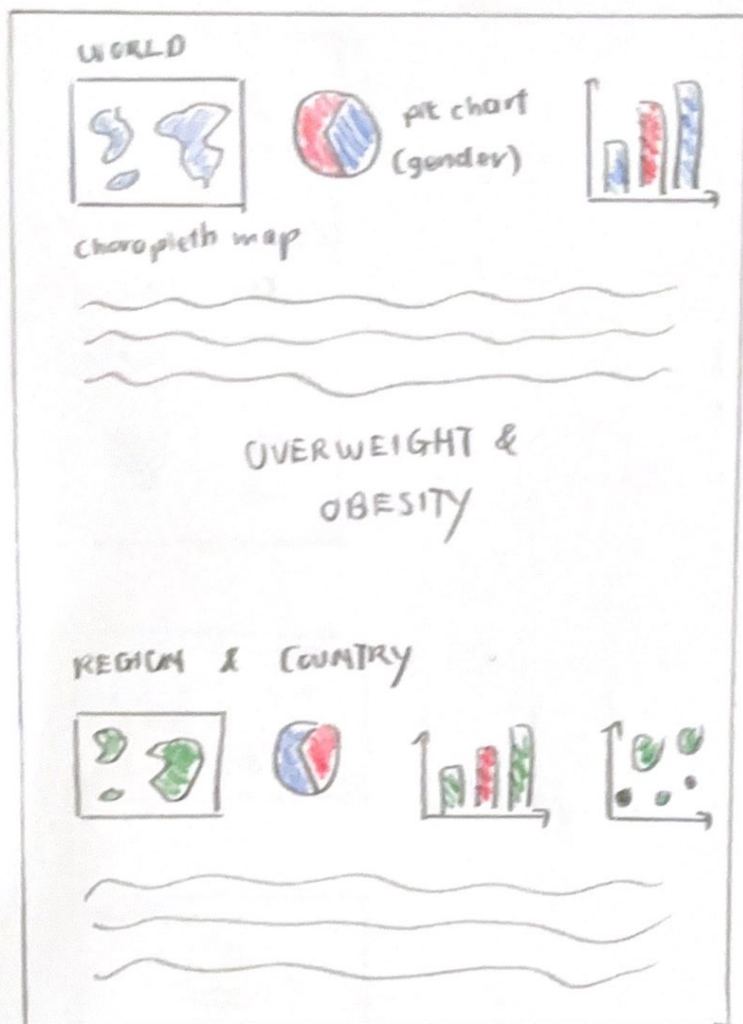


QUESTIONS

1. Which is the most important graph?
2. Do I need to add more info in?
3. Choropleth or globe for world map?

LAYOUT

SHEET ②



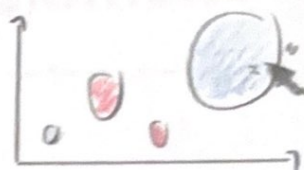
Title: Overweight & obesity

Author: Han Xin Jie

Date: 17/9/2024

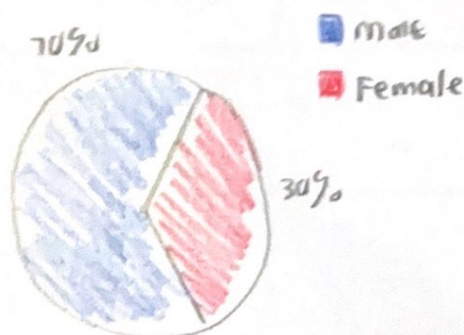
Task: Portrayed Poster

OPERATIONS



✓ click to show country name,
obesity prevalence &
overweight prevalence

FOCUS



Easier to differentiate with % instead
of showing total numbers

DISCUSSION

X Not much info

X Repeating visualisations

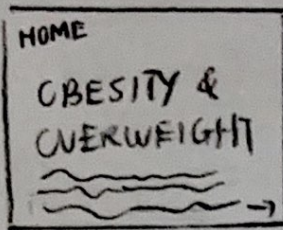
X Few interactivity

✓ well-structured

LAYOUT

SHEET ③

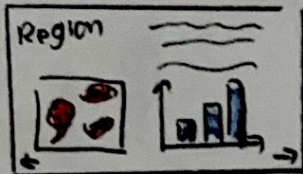
①



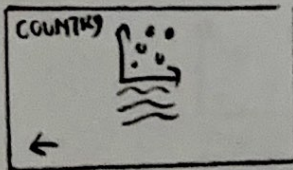
②



③

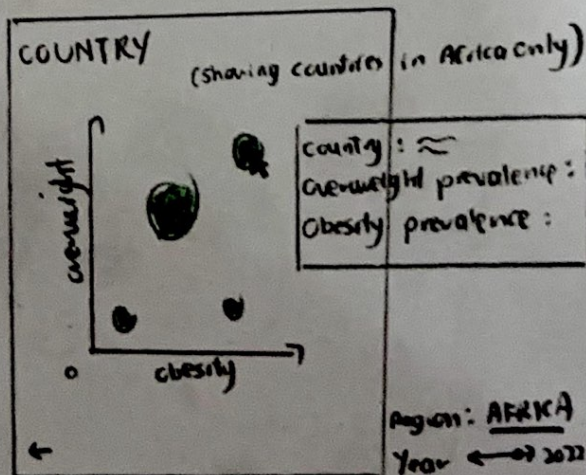


④



FOCUS

- Region**
- Africa
 - Americas
- Population**
- < 1M
 - 3 100M



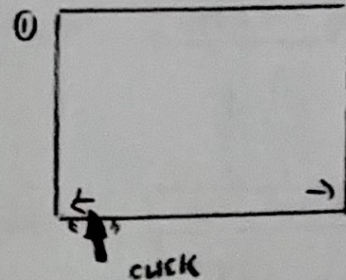
Title : Overweight & Obesity

Author: Han Xin Jie

Date : 17 / 9 / 2021

Task : Webpage (many pages)

OPERATIONS



page ① → ② → ③ → ④ (NEXT)

④ → ③ → ② → ① (BACK)

DISCUSSION

X Too Many pages

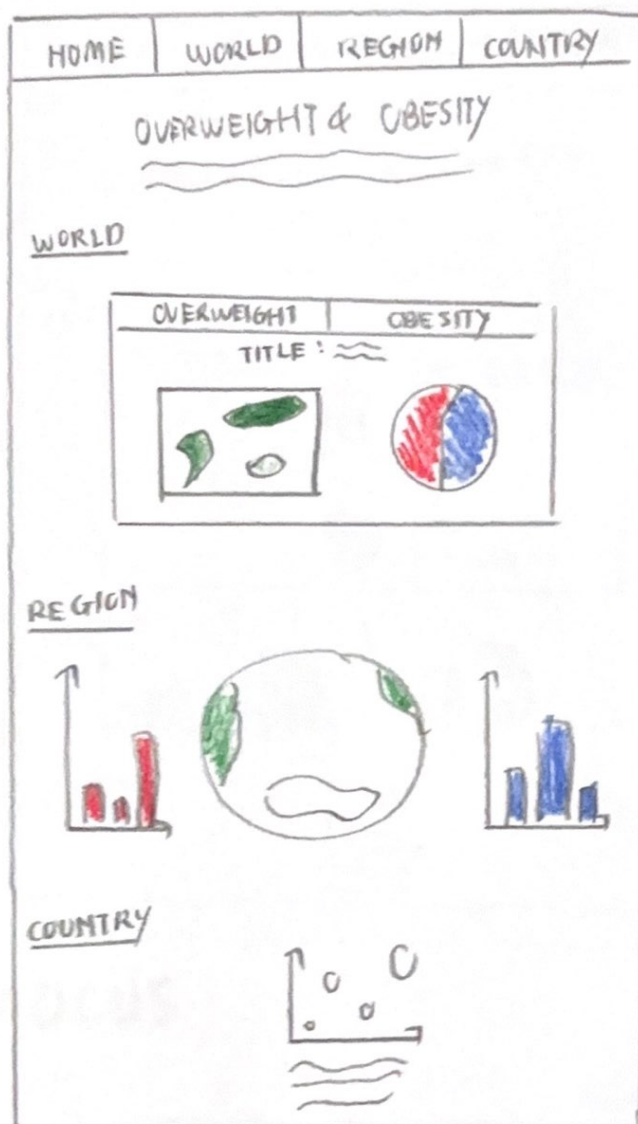
X Need more interactivity

X Unable to refer to other section directly

✓ Sections are well-divided into pages

LAYOUT

SHEET (4)



FOCUS



Title: Overweight & Obesity

Author: Haw Xin Jie

Date: 17/9/2024

Task: Visualization webpage
(scrollable)

OPERATIONS

Region: CLICK



Region: CLICK

ONLY "AFRICA" will be displayed its color on the map (countries in Africa)

Year:

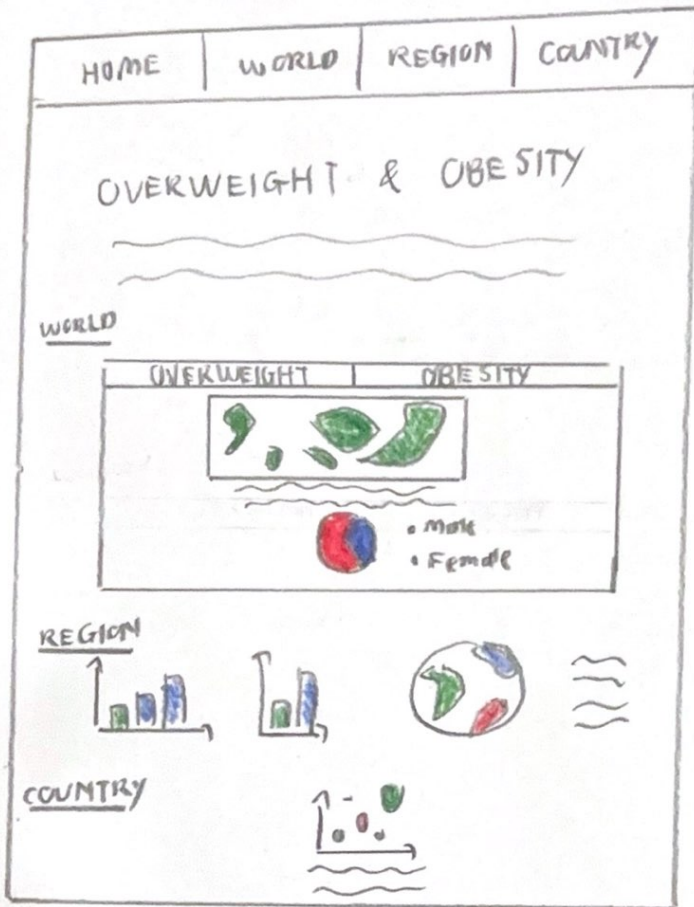
Scroll to -/+ year

DISCUSSION

- ✓ Nice segment
- ✓ Balance and symmetric
- ✓ Interactive
- ✓ No Intro.
- Add some infos in "Home" (visualizations)

LAYOUT

SHEET (5)



Title : Overweight & Obesity

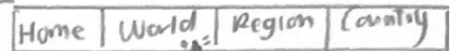
Author: Haw Xin Jie

Date : 20 / 9 / 2024

Task : Finalize version of webpage

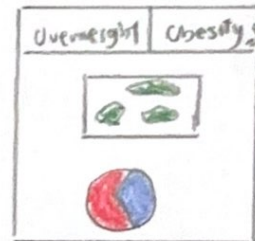
OPERATIONS

Header



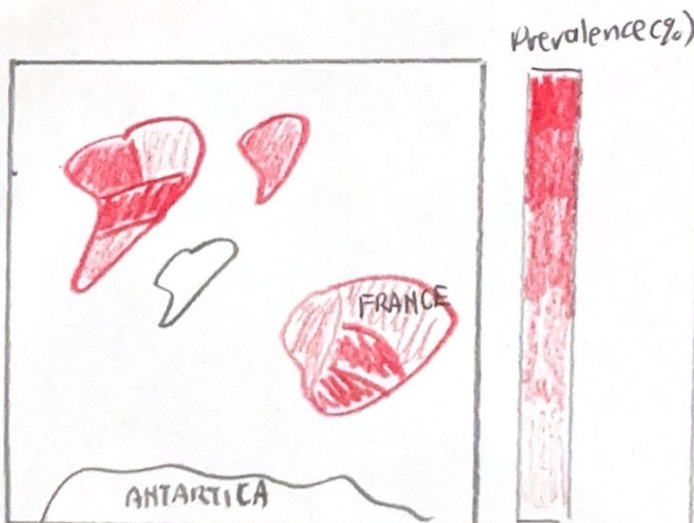
"Direct to the section"

World



click to show result for obesity only

FOCUS



zoom : ———●——— 145 (Drag to zoom in & out)
map Centre : Default
↳ Choose location (France to zoom)

DETAIL

Requirements

- ↳ Visual Studio Code
- ↳ Vega Lite Editor
- ↳ GitHub

Estimated Time to Finish : 90 hrs

Description of Algorithms

- ↳ Combine files
- ↳ Calculate percentage