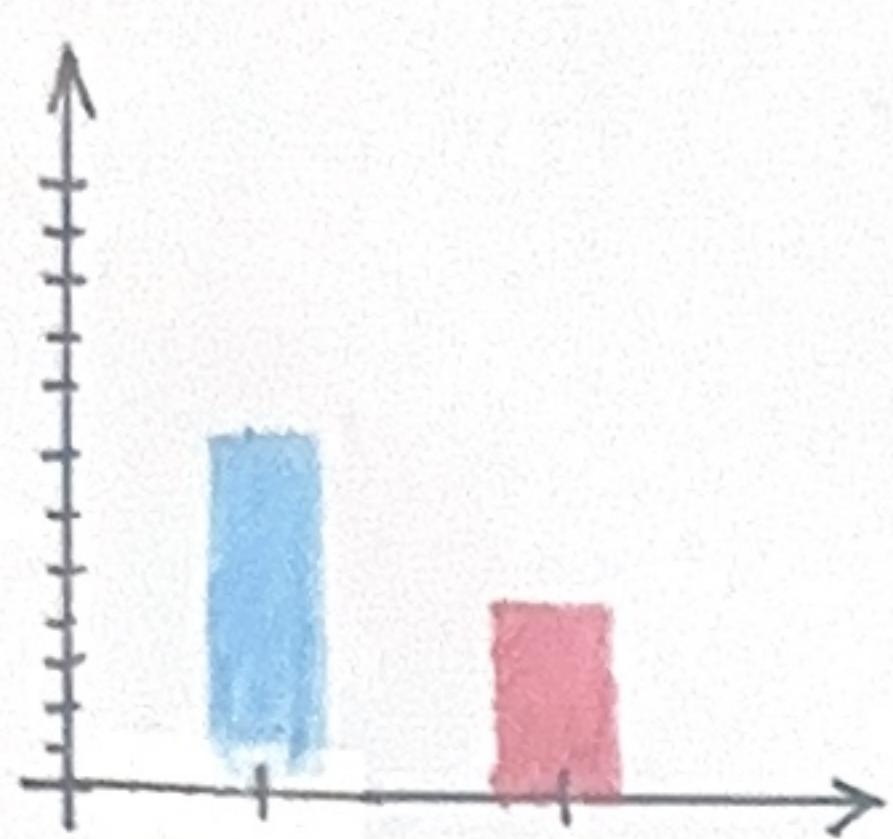


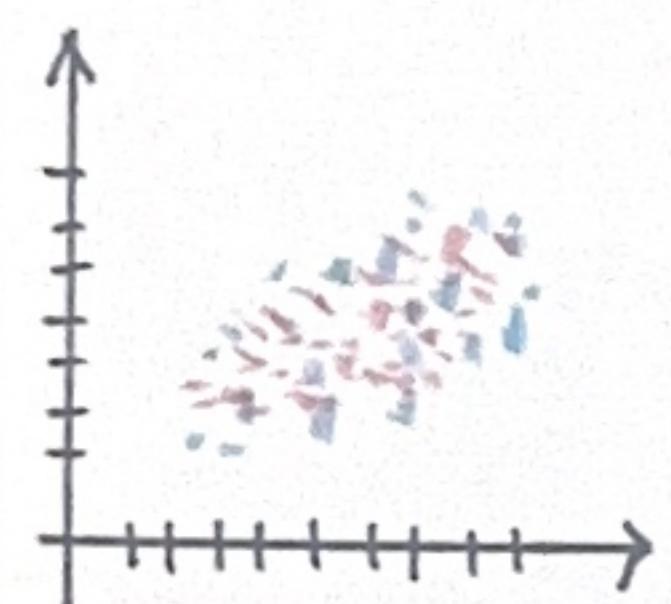
IDEA Domain: Global Unemployment Rate.

① Bar chart (continent)



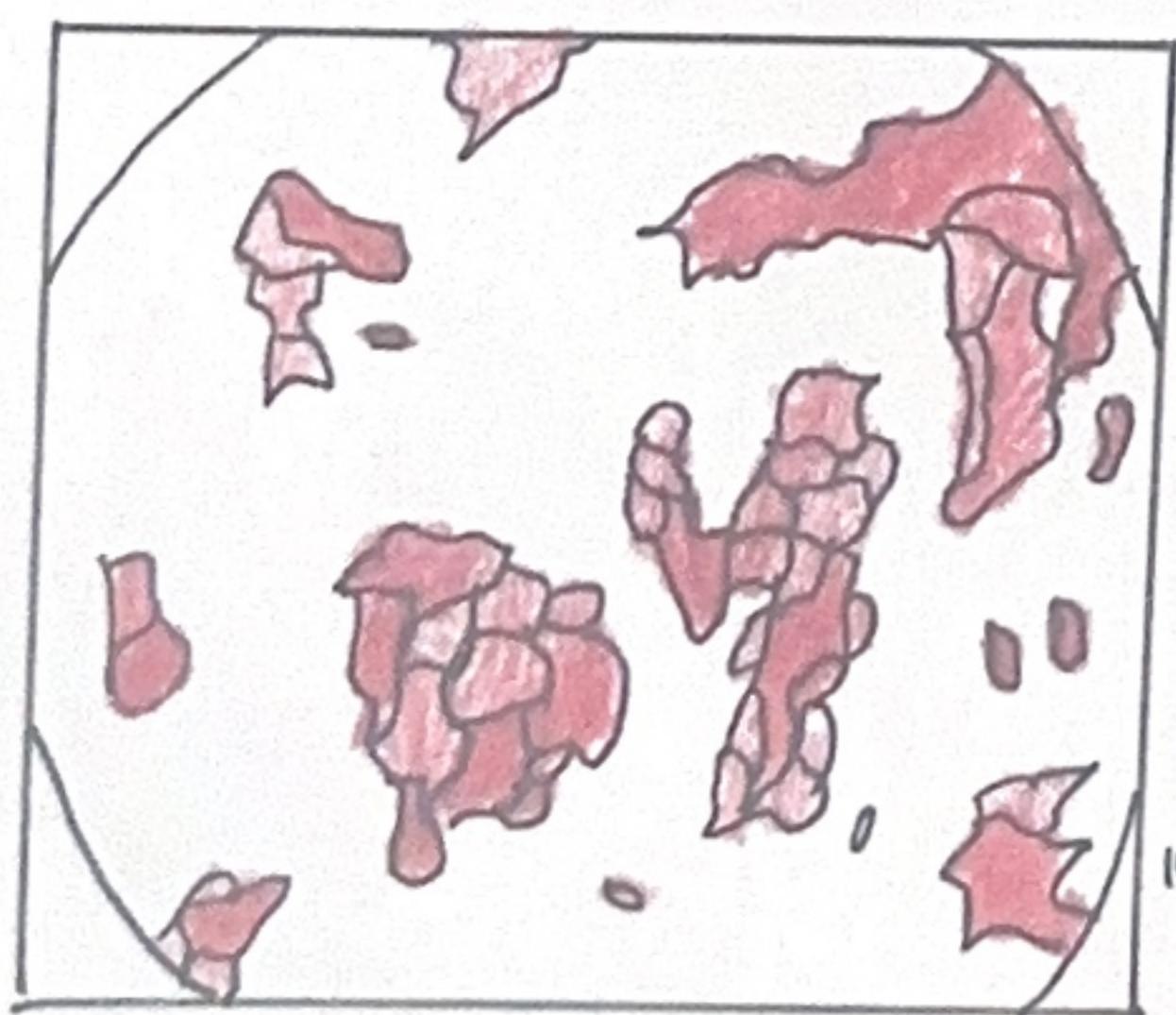
- Number of Unemployment rate for each continent
- changes of Unemployment rate overtime for each continent

④ Scatter plot



- relationship between Human development group (HDG) & Unemployment rate.

⑦ choropleth map



- Unemployment rate for every country (year)

zoom

1991

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2021

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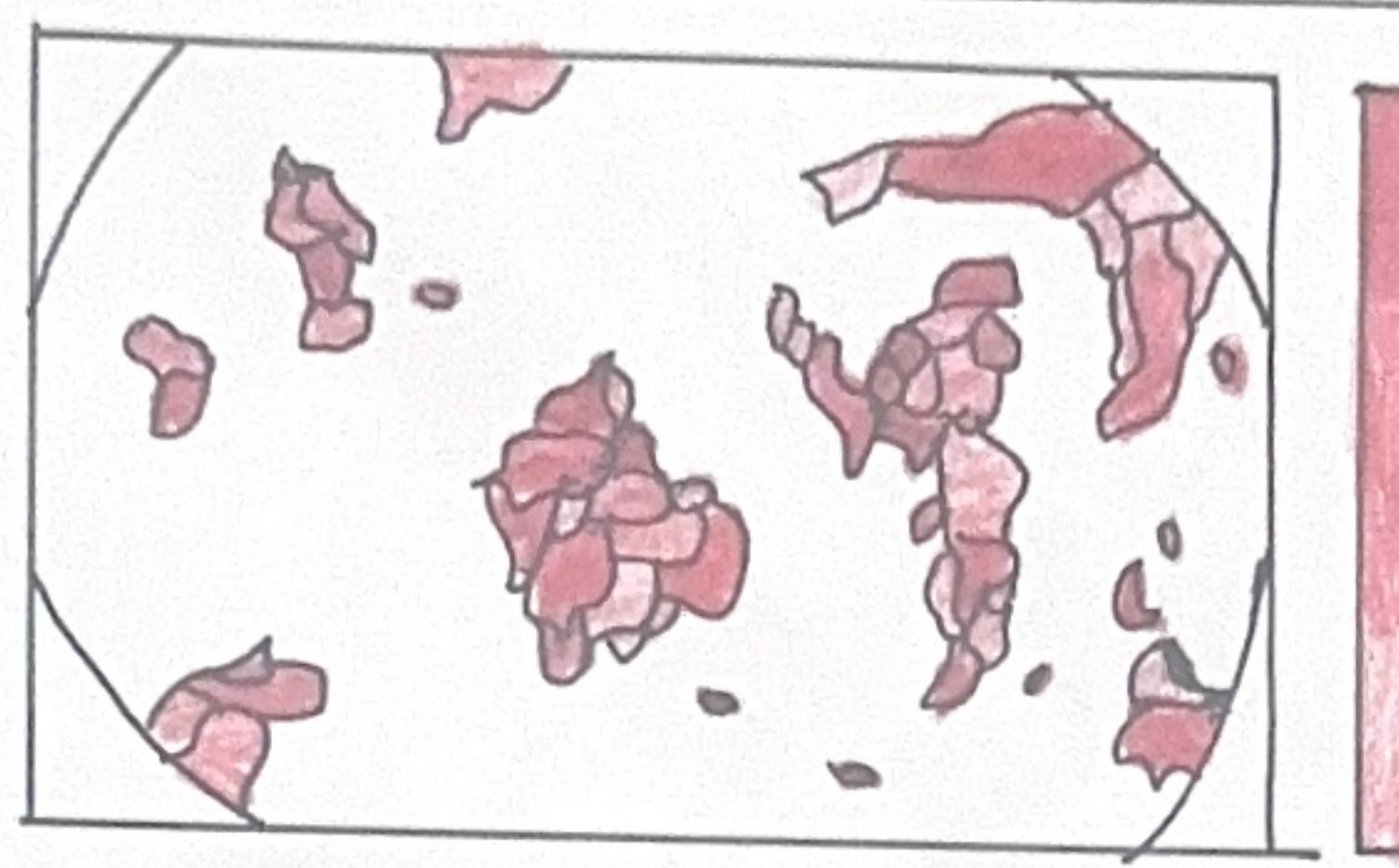
2021

2021

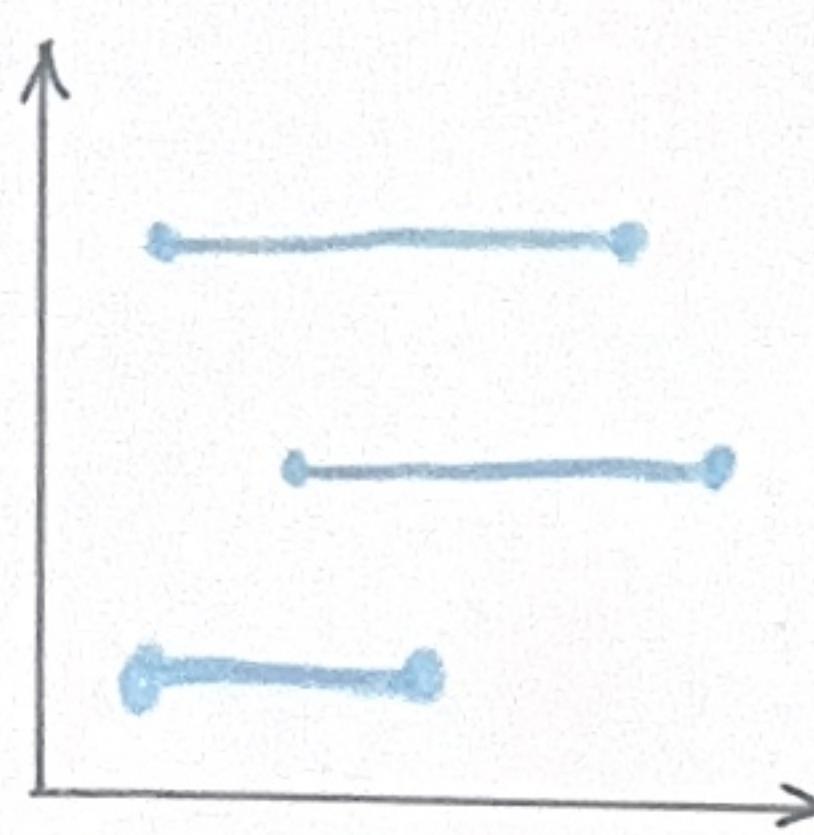
LAYOUT

Introduction.

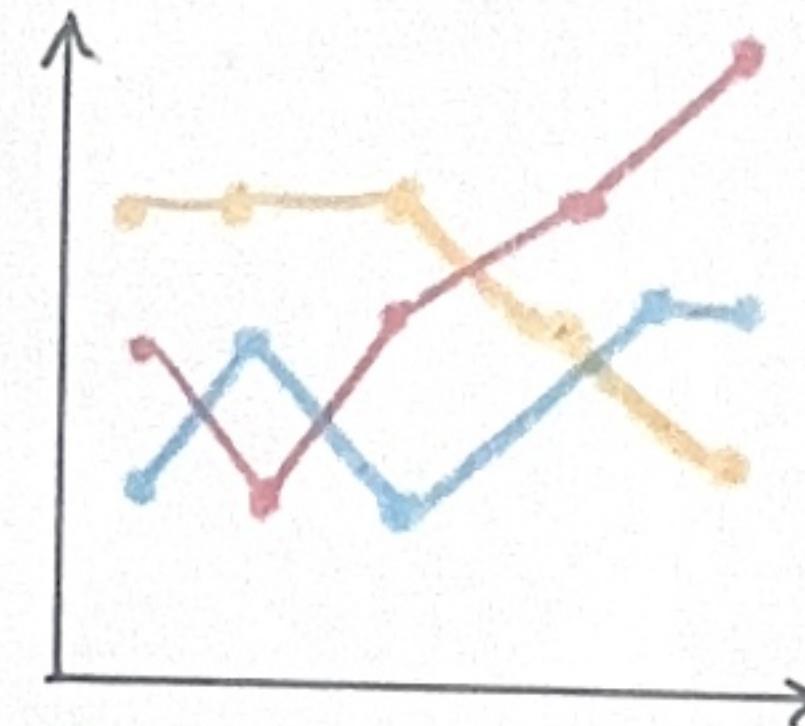
- ① Global Unemployment rate for each Country each year



- ② Increase of Unemployment for top five countries.



- ③ Number of prevalence for each Country per year



- ④ Relationship between HDG and Unemployment rate



- ⑤ Different rate over different Year

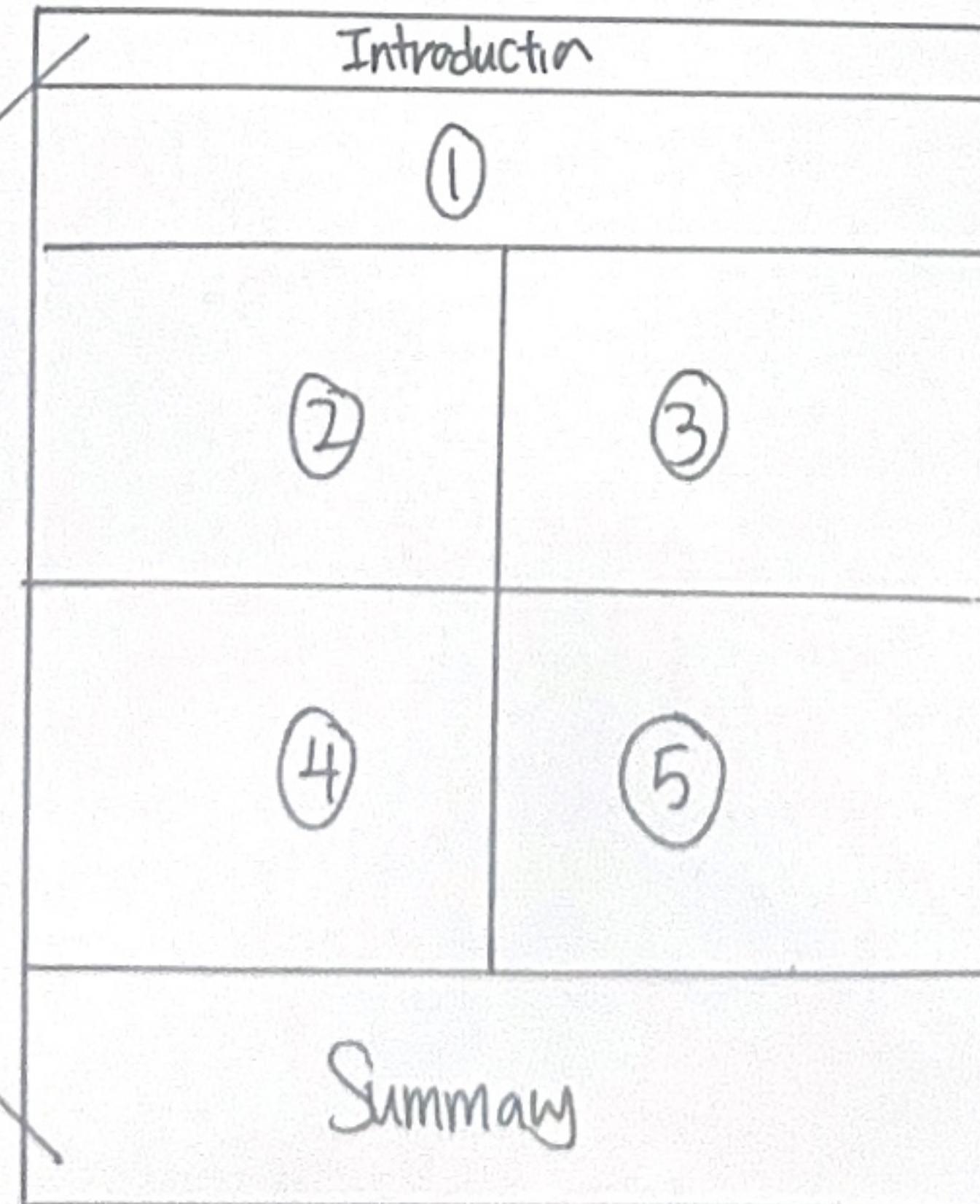


Summary

Focus

Introduction provide background for audience to understand clearly

Summary provide overall insight from all 5 visualisation.



Author : Yap Jyne Hui

Date : 10/10/2024

sheet : 2

Task : Data visualisation II
project - Global Unemployment rate.

Operation

- Year slider

1991 ————— 2022 } ① ② ③ ④ ⑤

- Continent : [show] } ① ② ③ ④ ⑤

- zoom

150 ————— 700 } ①

Discussion

Advantages :

- Simple visualisation (less text)

- interactive for most graph

Disadvantage

- less information

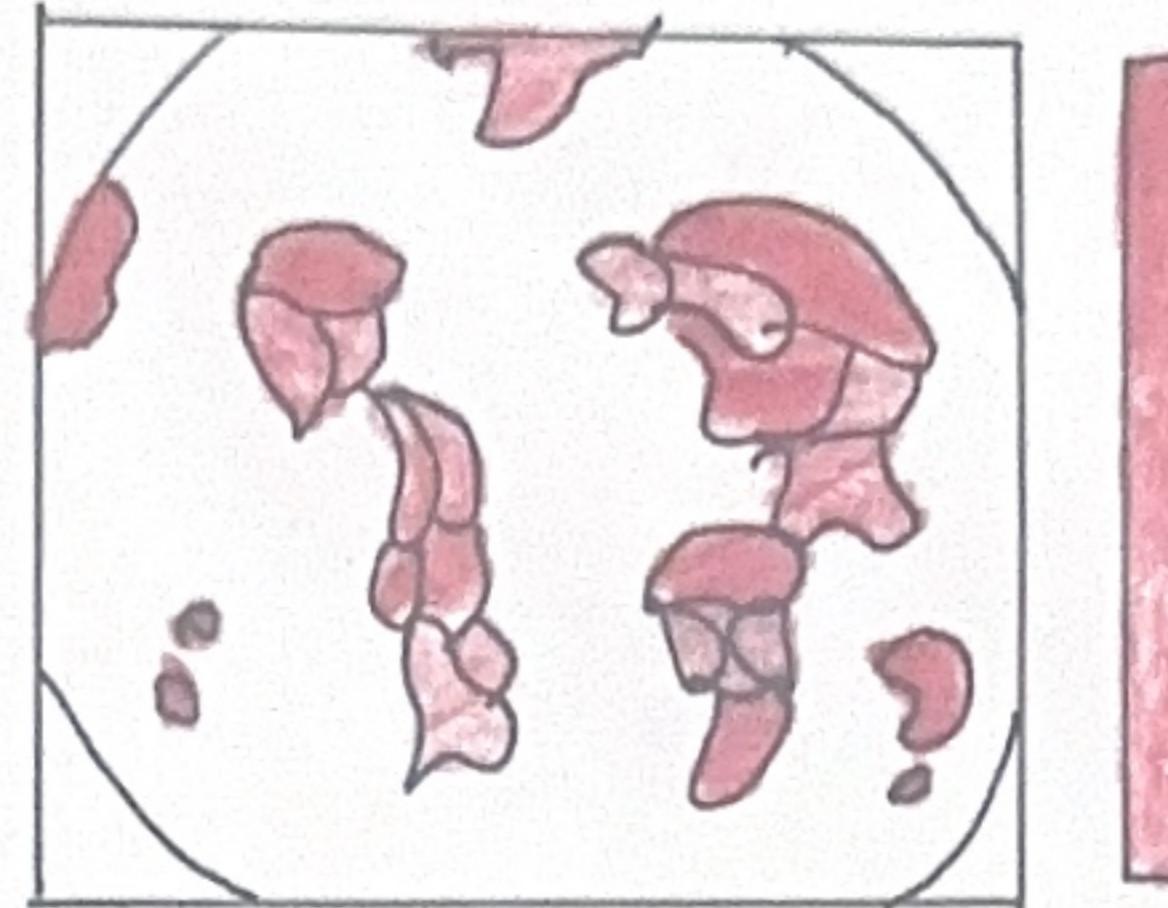
- time consuming to understand all graph.

LAYOUT

Text Description



① Global Unemployment rate for each country each year



Author: Yap Jyne Hun

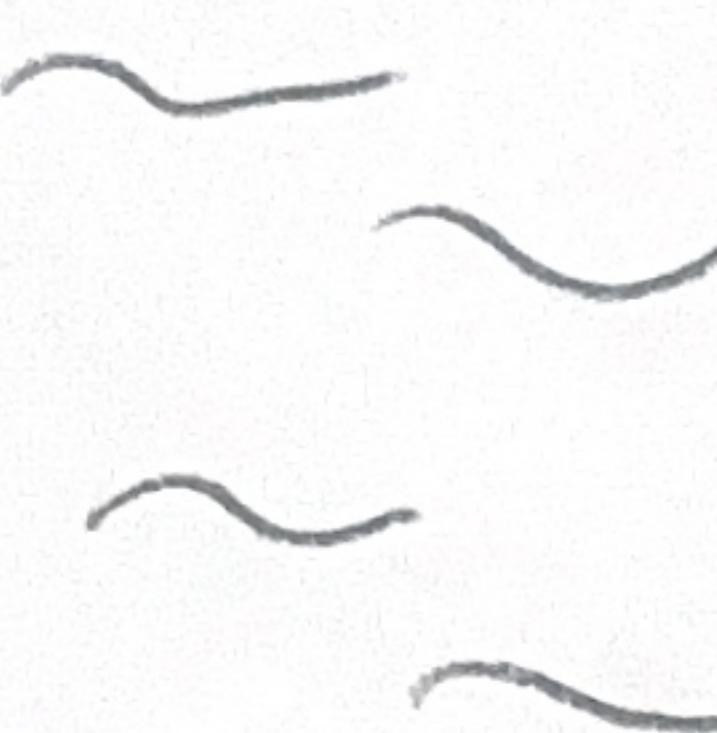
Date: 10/10/2024

Sheet: 3

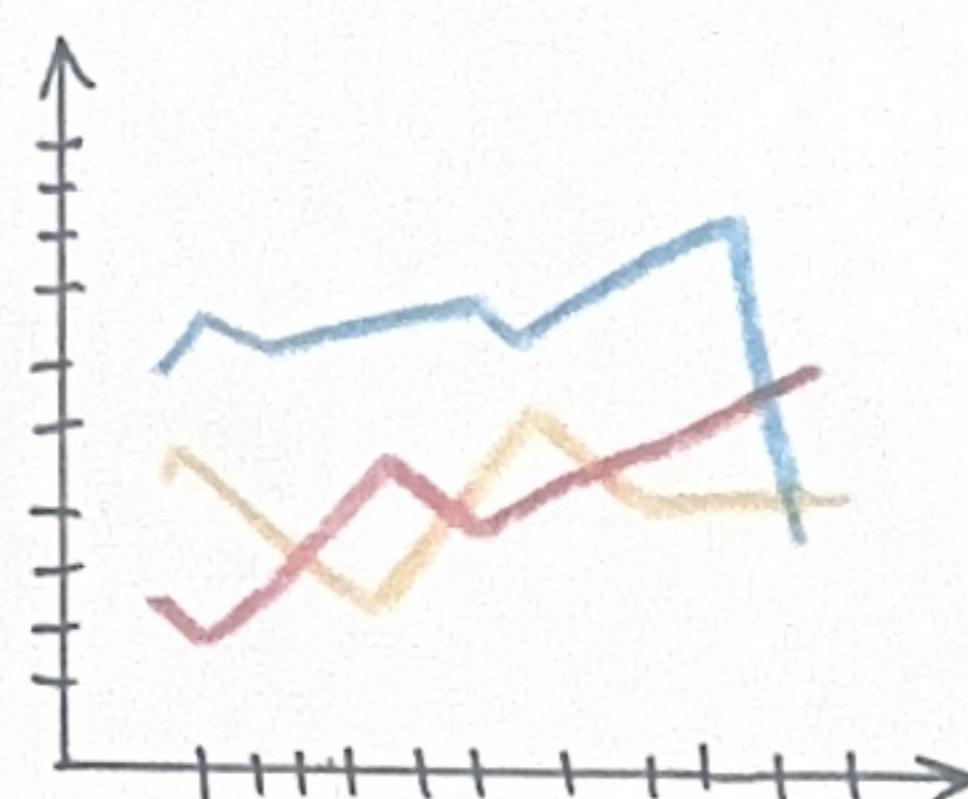
Task: Data vis II

Project - Global Unemployment rate.

Text Desc



② Number of prevalence for each country per year



Operations

- Year slider } ① ②
1991 —————— 2022

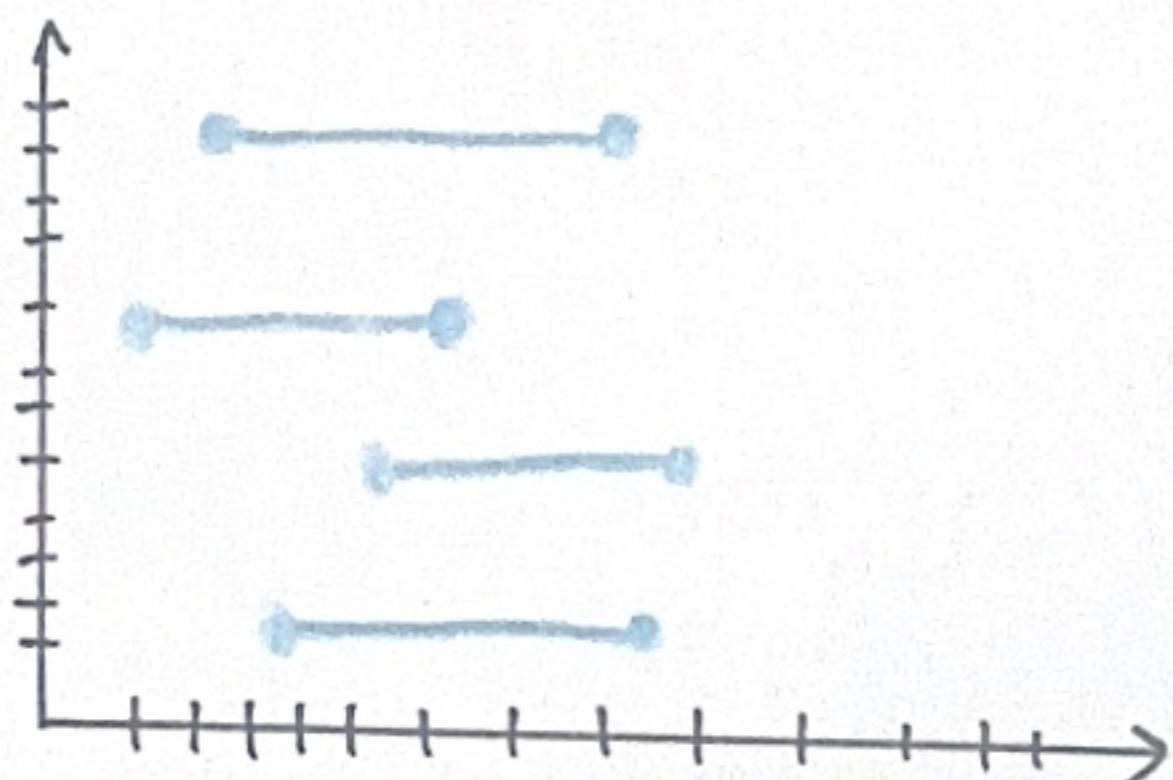
- Map centre: region v Europe Asia Oceania } ① ②

- Zoom: 150 —————— 700 → ①

Text Desc



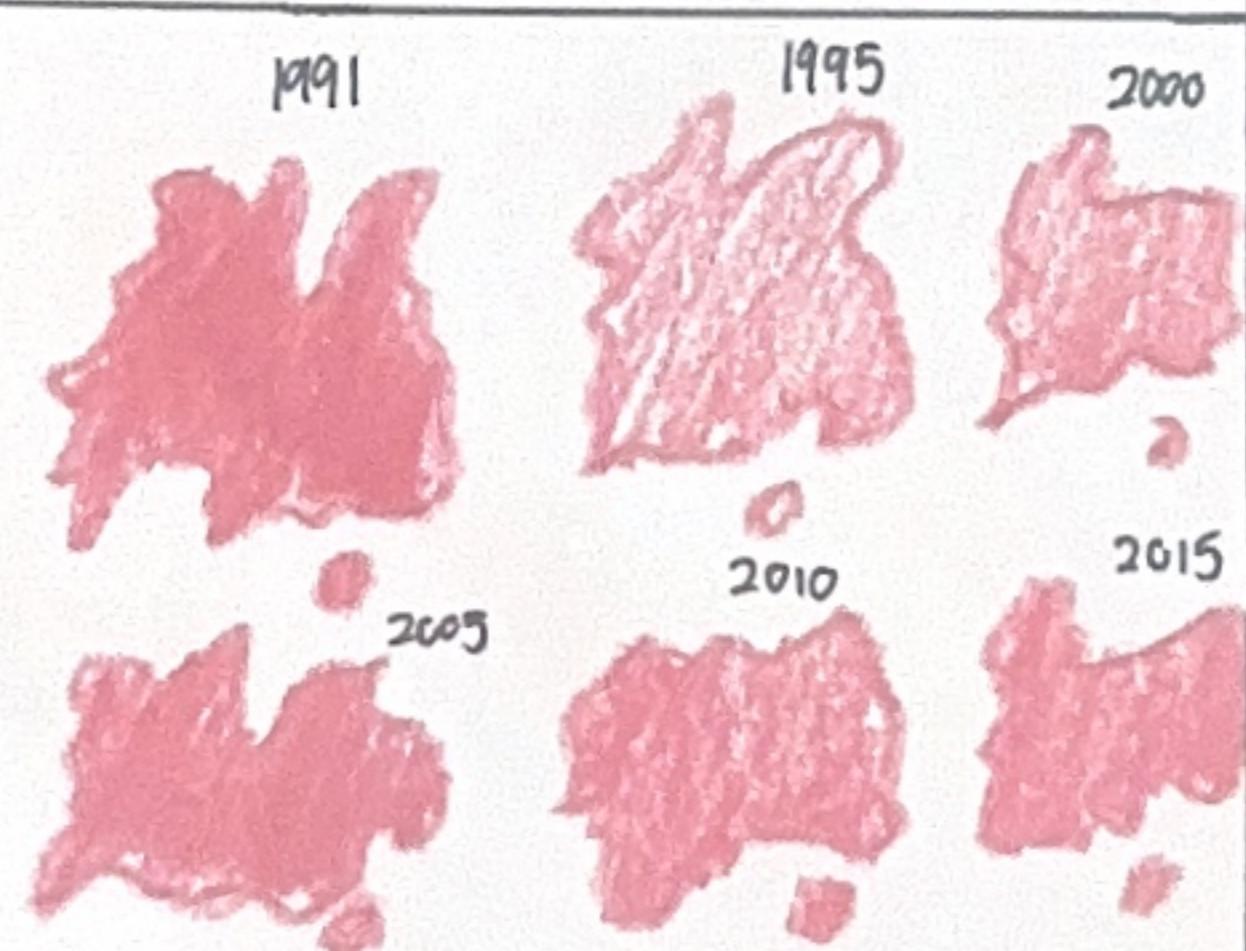
③ Increases of Unemployment for top five countries.



Text Desc



④ Compare different Unemployment rate over different year for target country (Aus).



Discussion

Advantages:

- Detailed information shared in text description

- Got interesting interactive graph

disadvantages:

- Boring design
- Many words.
- less graphs.

Focus

Text box for information that can provide detailed insight for each visualisation.

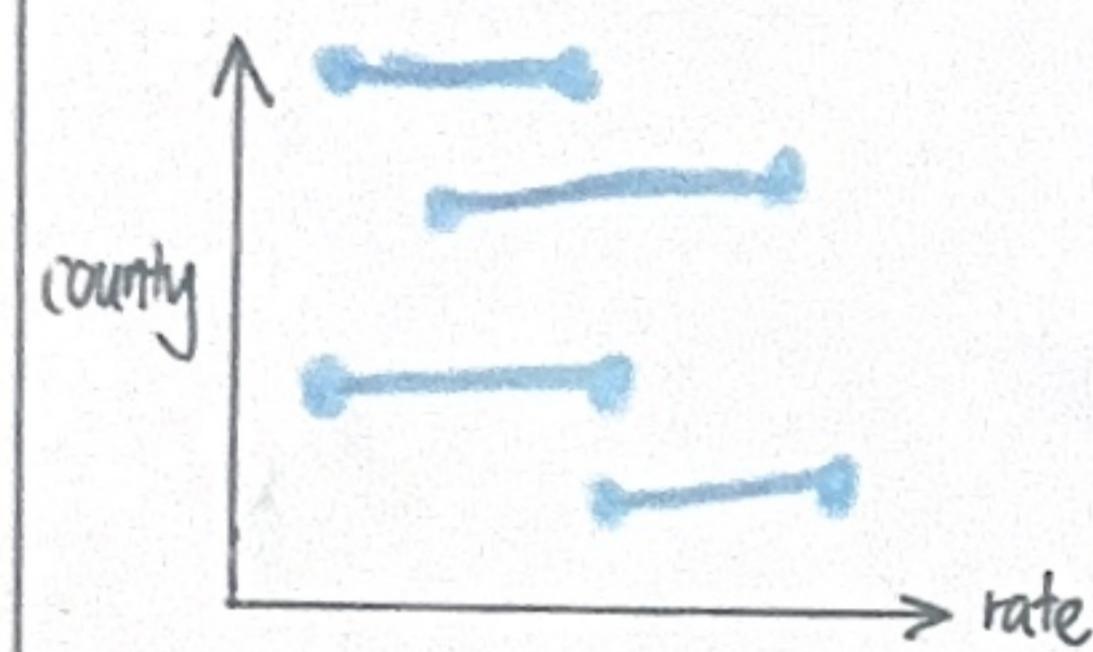
Text	①
Text	②
Text	③
Text	④

LAYOUT

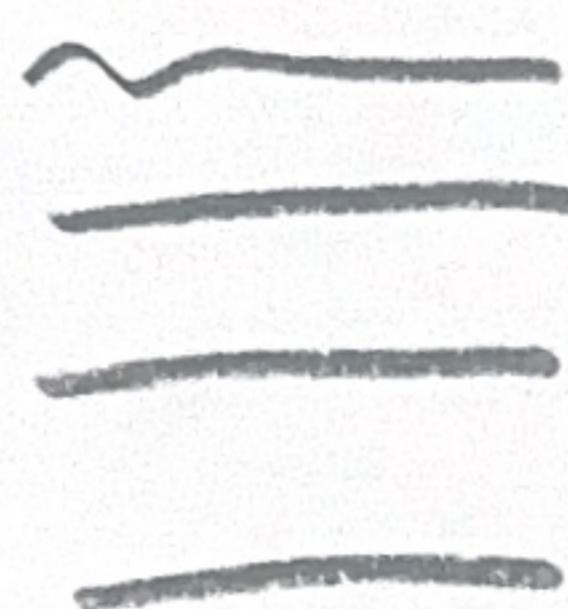
① Global Unemployment rate for each Country for different Year



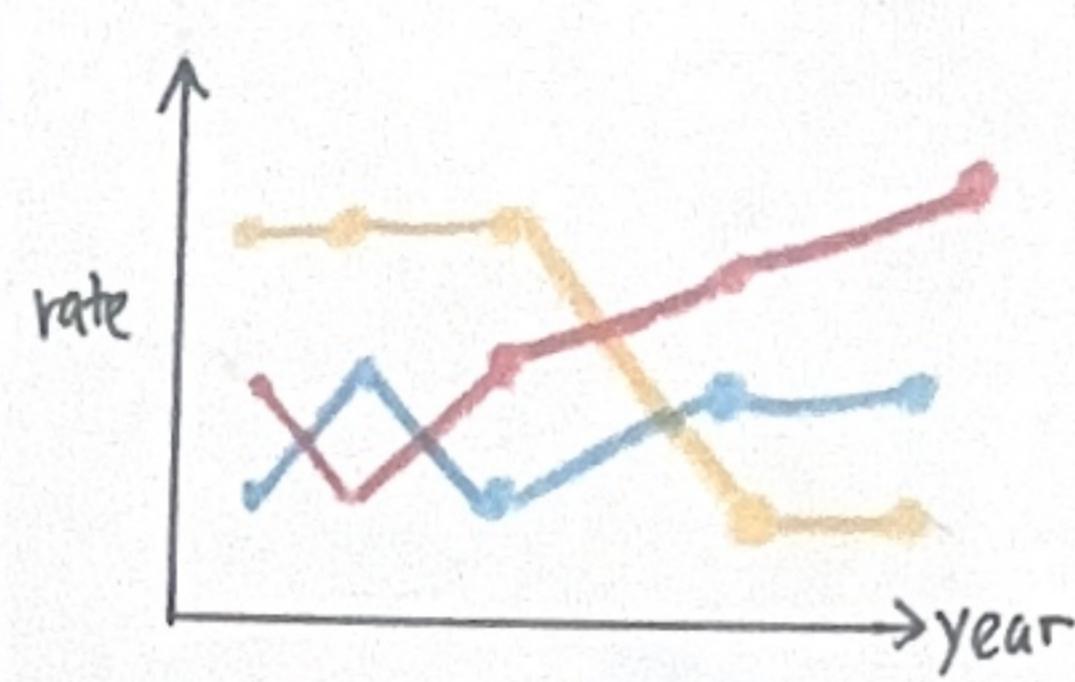
② Increase of Unemployment rate for top 5 countries.



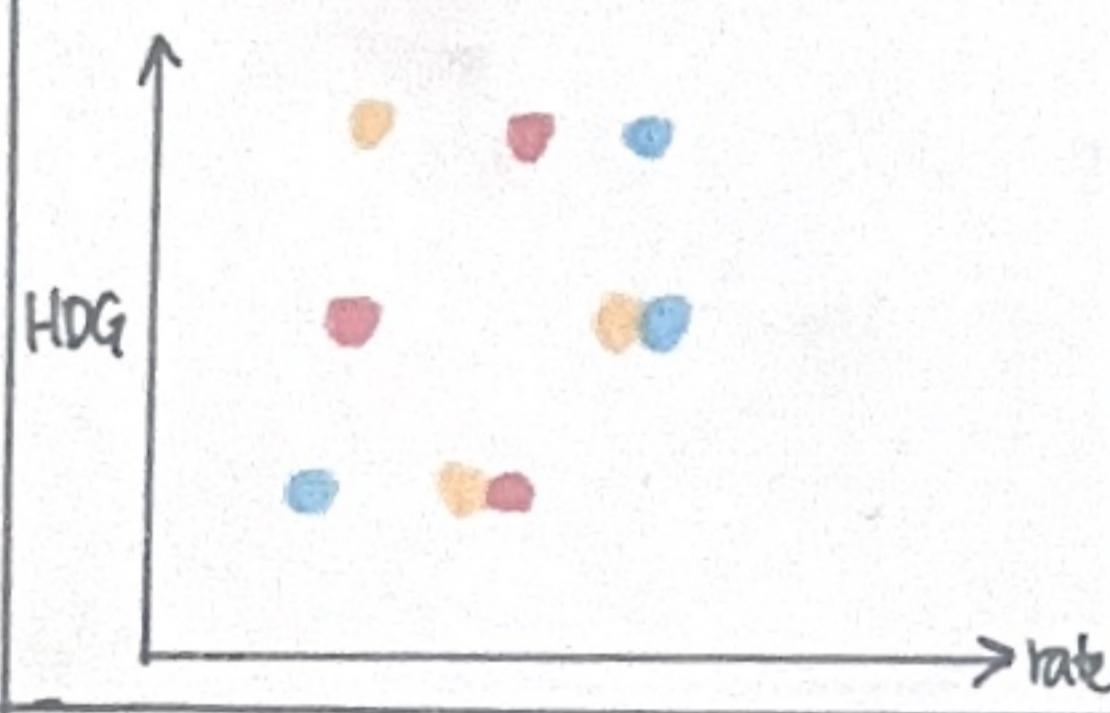
Text description



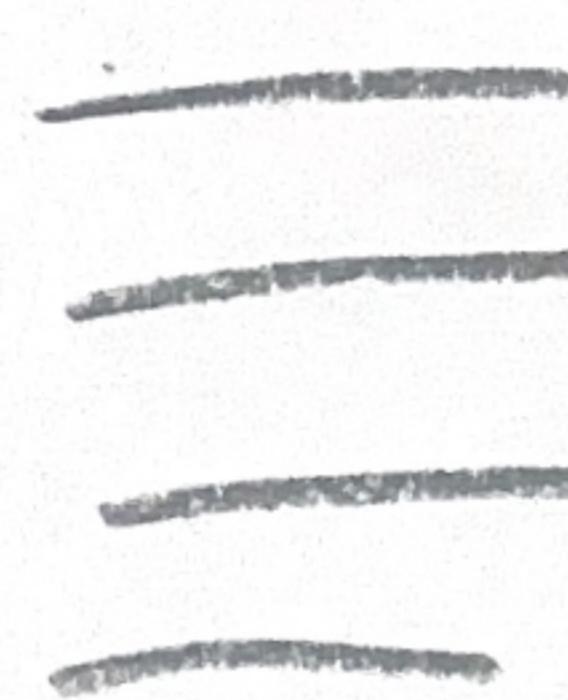
③ Number of prevalence for each Country per year



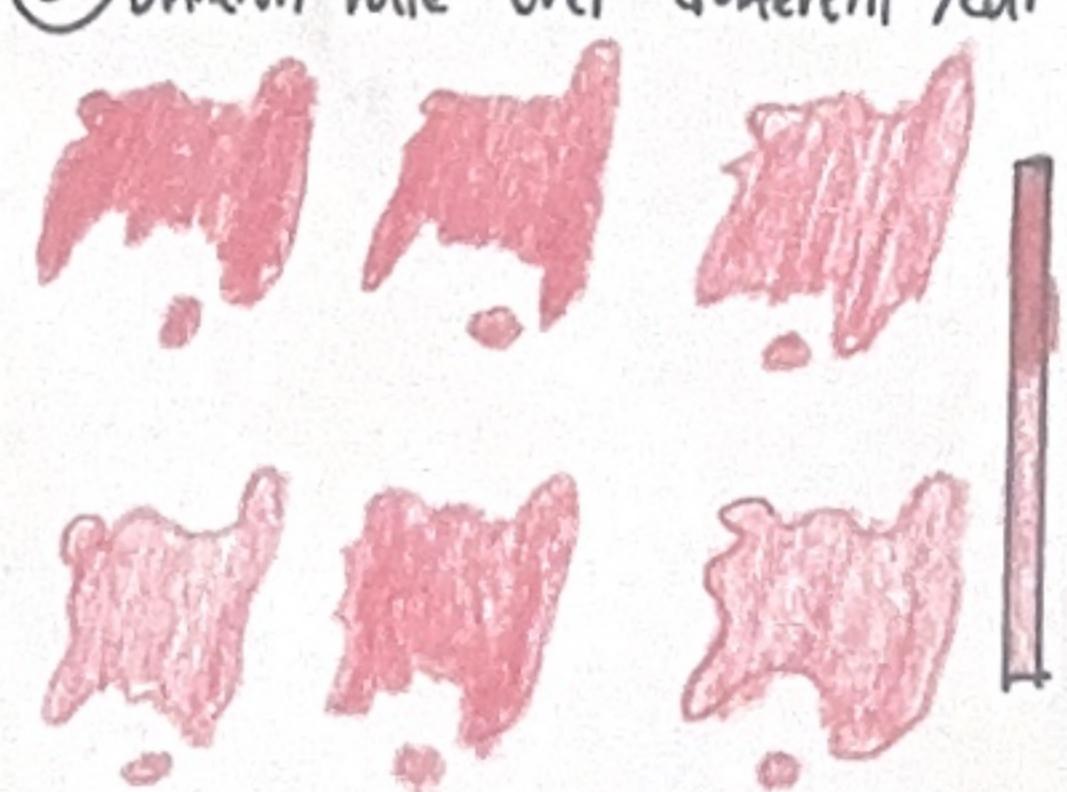
④ Relationship between HDG and Unemployment rate.



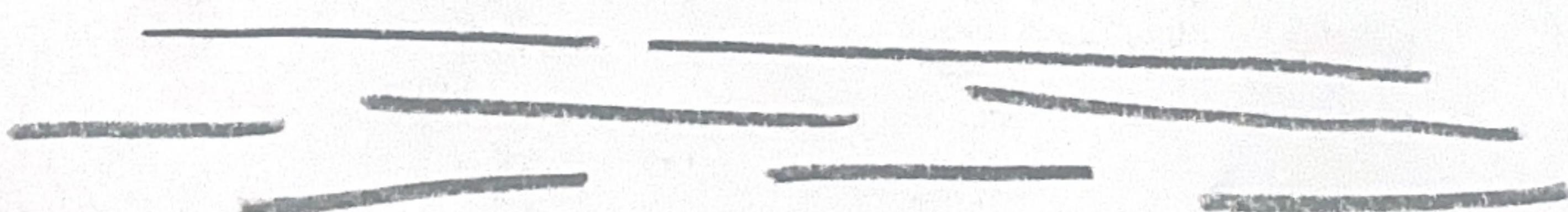
Text description



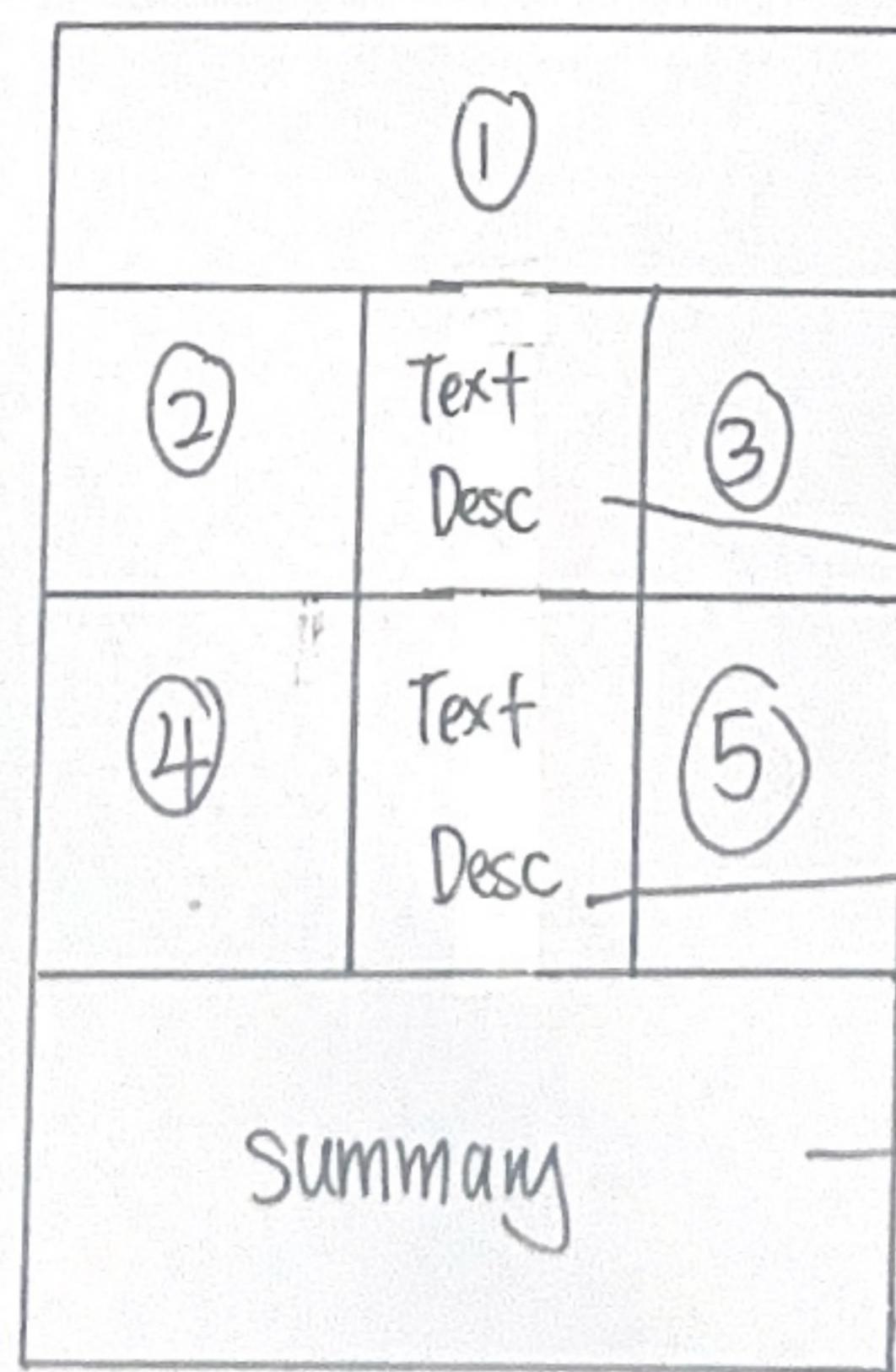
⑤ Different rate over different Year



Summary



Focus



Text box in between 2 graphs allows comparison

summary provides overall insight from 5 visualisation.

Author: Yap Jyne Hun

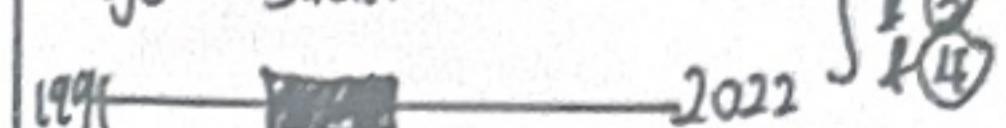
Date: 10/10/2024

Sheet: 24

Task: Data visualisation 2 project - global unemployment rate.

Operations

- Year slider



- Continent: ① & ②
② ③

- Zoom:



Discussion

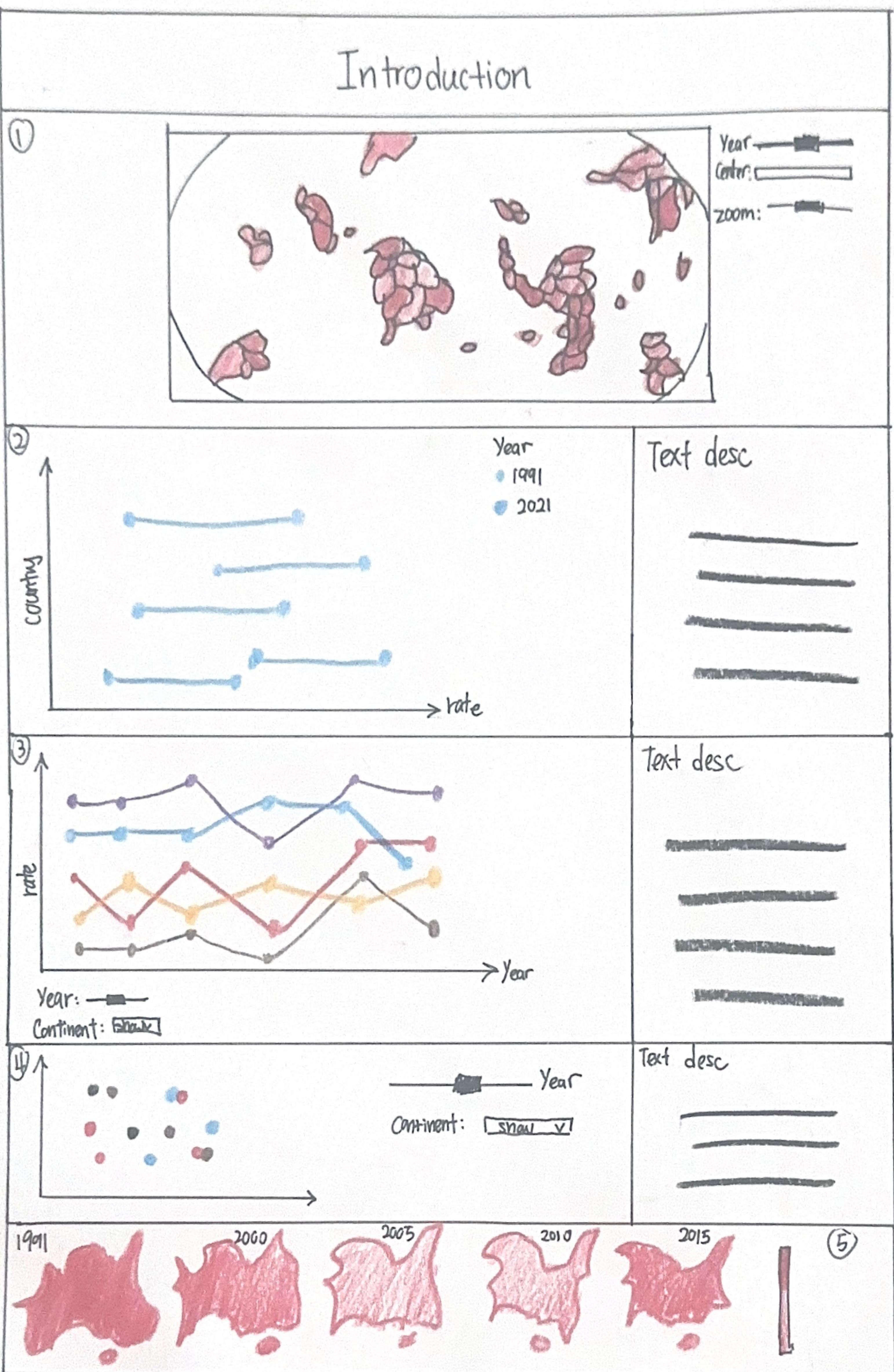
Advantages:

- Have comparison between graphs to obtain more info
- many interactive graphs

disadvantage:

- design kinda weird for middle text description
- Not necessary can compare the 2 different graph (use special)
- summary can't really summary so many graph.

LAYOUT



Focus

Introduction	
①	Text
②	Text
③	Text
④	Text
⑤	Text

An introduction added to let audience understand the background.

Author: Yap Jyne Hun

Date: 10/10/2024

sheets : 5

Task: Data Visualisation 2
project - Global Unemployment rate.

Operation

- year slider
① & ③ & ④

- Continent → ① & ③ & ④

- Zoom → ①

Detail

1. Datasets

form kaggle, process using excel

2. Dependencies

- VegaLite, HTML, CSS

3. Estimated time

- 1 week preprocess data

- 1 week create visualization

4. requirement of material

- Paper, ipad, laptop

5. Typography

- San serif

6. Colour

- Use same/consistent colour for different continent.