

"small

(for better

danity)

2) Separate grouped bor chart = multiples

2. Fitter

Depond that can be visualised better in regular bor chart or area thant, so remove it.

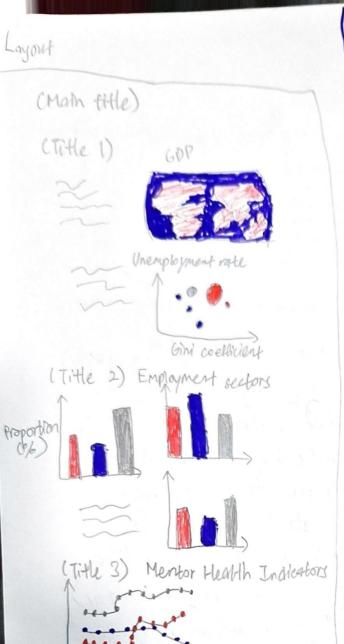
- a bubble plot will probably benefit more due to continent data and also having one more quantitative attribute to be virualised.
 - (3) Choropleth map will probably be more suitable since proportional symbol can cause circles to cluster and block each other in regions with many small countries like Europe.

3. Categorise

- 1) Likert scale rating can be used to show means for answers to a questionnaire.
- 2) Line chart and area chart can be used to show trends over time for a quantitative attribute.
- 3 Symbol map can be used for datasets with geographic attributes (e.g. countries) with a quantitative attribute.

5. Question

- Ocan the visualisations show relationships between different economie indicators (e.g. GPP, Gird coellicient, unemployment rate)?
- (an the visualisations show trends in economic indicators like employment and unemployment rate?
- 3 (an the choropleth map show clear distinctions between different data classes?



Fours

- Filtering via selection nem for choropleth and multi-line chart.
- -Brushing for choropleth map and bubble chart to coordinate values.

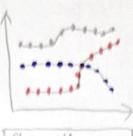
Operations

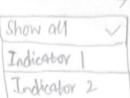


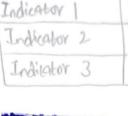
click '200 Billion

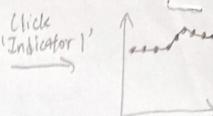


200 Billion V









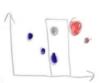


















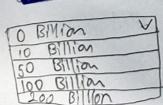
Discussion

- + Filtering available to show user details they want to narrow down on.
- Filtering by combinent will probably be more neefful for the bubble chart.
 - Brighing can be hard to use for the bubbles are clustered and stade on top of each other

Meta-Internation

Title: Standard view Author: along Wei Zhe Date: 29/9/2025

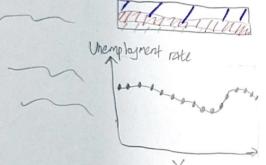
Sheet: 2 Task: Finding impact of economic faction we talk health



(Main title)

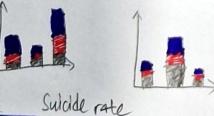
Gini wellking (Title 1) Continuat in Unemplayment ME

(Title 2) Emplayment Sector



Year (title 3) Mental Health Indicator

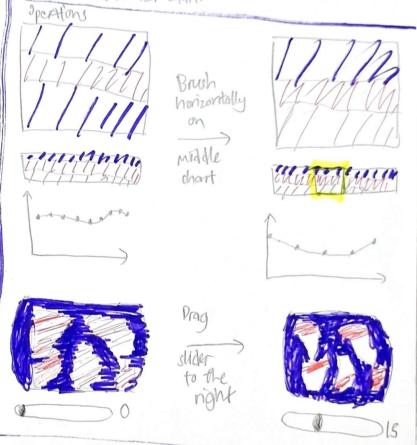
Mental Health Maybe Indicator





Fouls

- Have a logical flow from top to bottom, having similar visualisations together to minimise distractions for the user.
- Visualisations are aplit into economic factors 41 the top half and mental health at the bottom harf.
- The use of small multiples adds coherveress and allow users to compare between the visualisations easily instead of equeezing an Into one par chart.



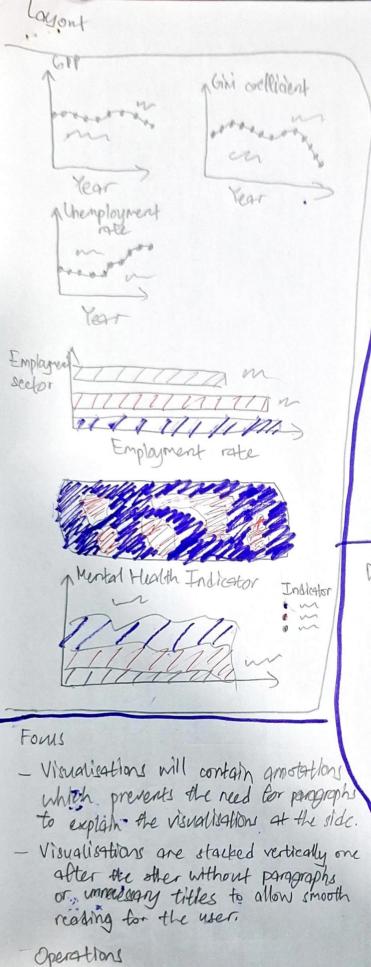
Discussion

- + The visualisations are more organised when grouped into sections
- + there is more variety in the visualisations which makes them more engaging.
- + The slider filter allows more the-tuning ability for the user to control the level of details.
- The user may have to scroll up and down a lot to compare visualisations at the top and bottom shee the visualisation is rather long,

Meta-Information

Title: Long sectioned view Author: Chong Wei The

Sheel! 3 Task: Finding impa4 of economic factors on Date: 29/9/2025 mental health



Gini coellicient

tapping on a country on the choropleth map shows the CAP, Giri coellicetent and unemplayment rate in the top three graphs.

Discussion

tap on

one of

Indicators In the legend

Indicator

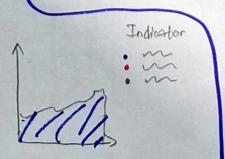
+ Visualisations have ample space since some visualisation take up the entire with of the page.

readers confused due to the lack of sectioning;
were are forced to jump into the Novalisation

- Having text annotations may clutter the invalidation and prevent white space from benefitting the visualization. This is rejecting layout principles.

Meta-Information
Title: Brief view
Author: Chong Wel Zhe
Date: 29/9/2025

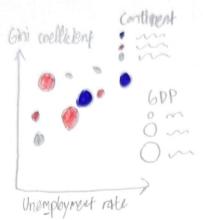
Sheef: 4
Task: Finding impact of
economic factors
on mental health



Impact of Economic Factors on Mental Health (name)

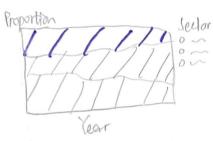
(date)

Relationship between Gini coefficient, unemplament rate and GDP



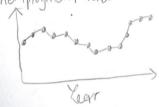
Minimum GPP 10 V

Employment in Malguria



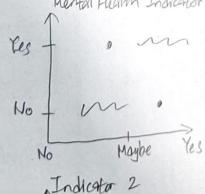


Unemployment rate



Mental Health

Mental Health Indicator



Indicator 1



suicide Rate



Focus

- The design and vincolisations were chosen from sheet 3, with tilters and titles chosen for datasets to visualise.

visualisation is sectioned in true, the top half focuses on economic factors while he bottom half shows its Impact on mental health.

Interactive elements include a selector to litter the GDP, continent legend litter to filter according to continent and a slider litter to filter the suicide rate. The small visualisation of the grea chart is used for the purpose of horizontal backing, where the top area chart and bottom line thank will filter accordingly.

click on Sperations Conthent the red continent in the legend hovenha over bor shows toothip

Dertoil

Vega-lite will be used in tandem with miml, CSS and Java Script to produce the visualisation.

- Each section is expected to take a day. Since there are two sections, two days will be needed for the visualisation. Another 5 hours will probably be needed to create the webpage.

The size of the visualisation is expected to be around the size of an A4 paper, without its length fixed.

Meta-information

Title: Final version of visualisation

Author: Unong Wes Zhe

Pate: 30/9/2005

Sheet: Support of economic factors on mental half