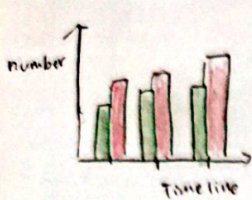
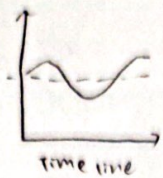
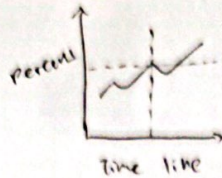


IDEAS

→ GDP Trend



→ Percent



State

Author: Wilson Louise
Kensha Villeru

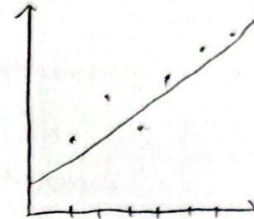
Date: 29/09/2024

Sheet 1: Brainstorm

→ GDP Per Capita Map

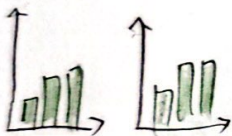


Choropleth



→ filter

→ GDP trend



→ Percent trend



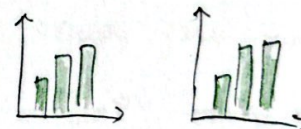
→ Maps

Choropleth map

4. Combine & refine

price

Comparison of GDP per capita & Nominal

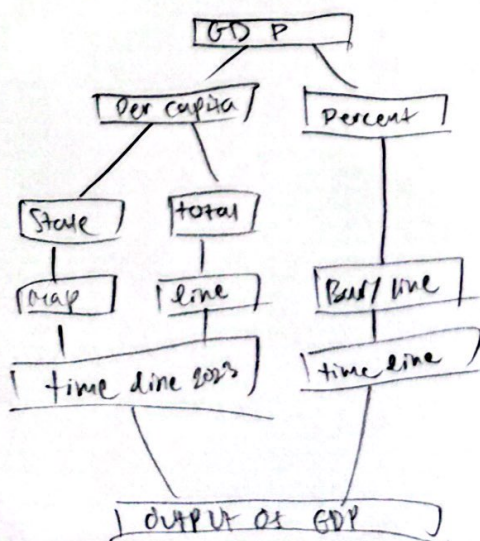


→ Shows the GDP per capita in map
Using Choropleth map

→ percent trend



3. Categorize



Question

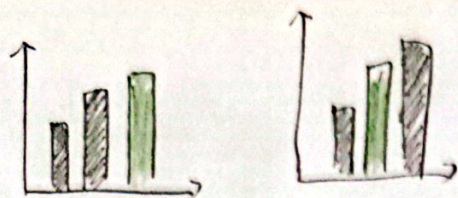
Does this visualization give enough info to readers?

Yes we can see trend, per state, comparison.

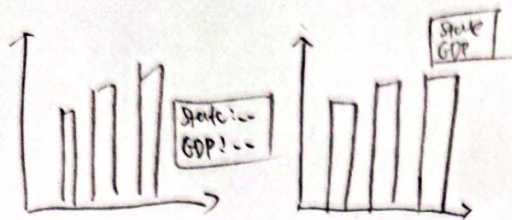
Does the info mislead reader

No, because the data is very straightforward

layout



← gives data highlights
Based on
User clicks.



← tooltip
Based on
State hover

title: GDP per capita
per states in
Malaysia

Author: Wilson Wisse Kurni
Utami

Date: 29/09/2024

Sheet: 2/3/4

focus:

- gives user more information
- shows the information by hovering giving easy access
- highlight gives more depth on the data that wants to be selected.

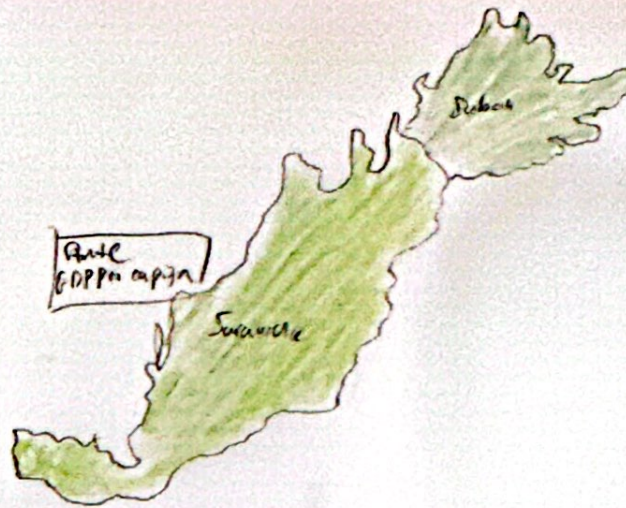
Components:

- Bar
- highlight
- Data reflection
- Data in-to

Discussion

- graph shows the data very well
- graph isn't cluttered
- graph shows correct representation based on chart
- extra information is easily accessible by readers

1 layout



GDP per capita

zoom

Centere

center

West Malaysia

...

title: GDP per states
in malaysia
Author: Wilson Louise
hansen Willy

Direct = 2/3/4

Date: 2 y/09/2024

focus

- GDP Per capita
- Choropleth map
- Colour shows difference per state

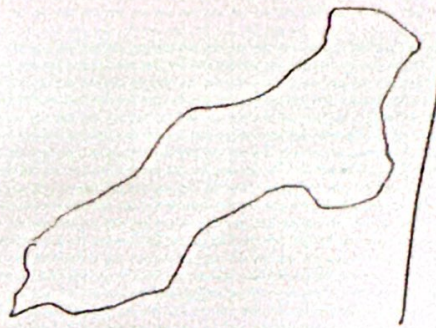
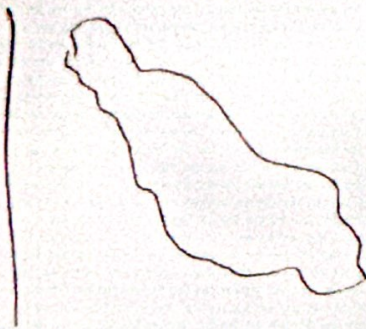
Components

- Colour Indicator
- zoom (to see better per states)
- Centere (to center to the specific map)
- tool box to show values

Discussion

- > graph (map) shows difference per states
- > Shows the filter option for zoom
- > Color Indicator to show values
- > toolbox for easy access information

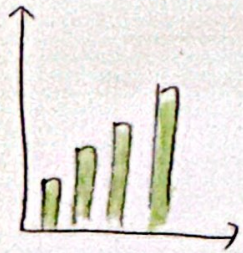
1 layout



zoom

map centre

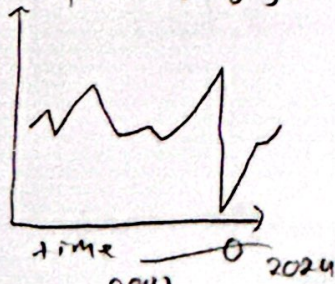
GDP Per Capita



GDP Nominal

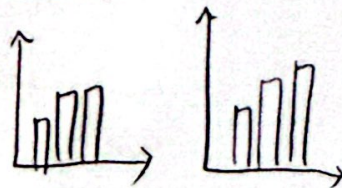


Percentage yoy



→ focus

y axis focus on increase/decrease } show trend
x axis focus on timeline



Shows comparison
GDP Per capita
&
GDP Nominal

Choropleth Map

} focus on states

All discuss trend and comparison of GDP

- Mainly focus on GDP Per Capita

title : GDP Per capita in Malaysia

Author : Wilson Louise Hennis
Willy

Date : 29/09/2024

Sheet : 2/3/4

Components/ operations:

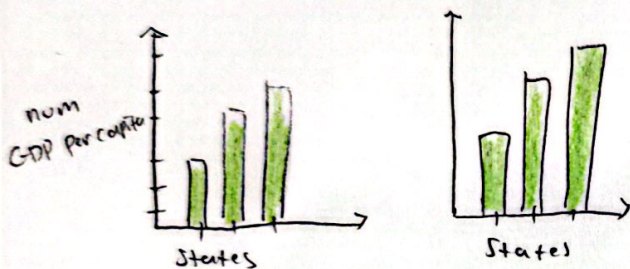
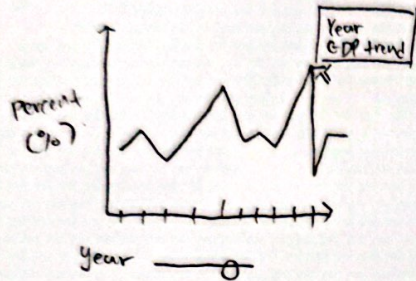
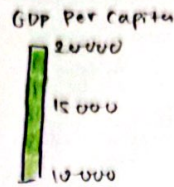
- hover over to show value (bar)
- hover over to show value (line), (map)
- filter operation for line & value (timeline)
- highlight option for states

Discussion

- the graph shows specifically about the map
- Shows different values in the states of Malaysia
- shows percentage change yoy
- Shows the GDP Per Capita & GDP Nominal

1 Big picture

GDP per State in Malaysia

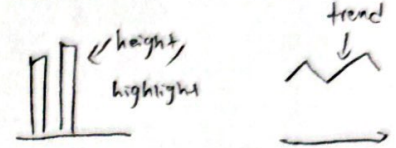


title GDP per capita for
States Malaysia
Author: Wilson Louise Hansen
v1.0.0

Date = 29/07/2024

Sheet = 5 reflection

focus



map (colour change)

operations

- All data are loaded
- hovering show extra information
- zoom operation, center operation
- highlight operation
- year filter operation

Dependencies / Software

- | | |
|---|--|
| <ul style="list-style-type: none"> - HTML - CSS - JavaScript - Vg. Json | <ul style="list-style-type: none"> - colour - Color sequential - position - yval - xval |
|---|--|

Datasets

- CSV value from DASH
- Malaysia map from github
- CSV value from haggly

Estimate time

- 87 hours
- 5 hours wrangling

Specific requirements

- Github page