

## FOCUS



Focus on highlighting the overall household income and education completion for each state in Malaysia throughout years 2016-2022.

The user attention is drown to the first idiom as it is positioned at the top and has a bigger size than other idioms. This idiom tells the story of the evolving of income and education completion throughout the years for each state in Malaysia.

Title: Vertical Layout Author: Gurgobind Singh

Date: 13/10/2025

Sheet: 2

Task: Design simple vertical layout

### OPERATIONS

tool tips (annotated)
description) when the
cursor is above
the idiom.

= Refers to the overall description of the idioms.

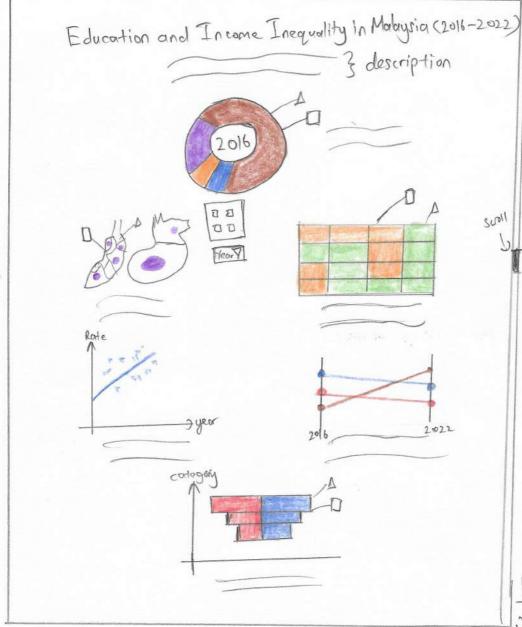
# DISCUSSION

1. The idioms are arranged neatly.

2. There is only one overall description which is not enough for a proper storytelling.

3. Provides less engagement with user.

4. May not be suitable
for a single HTML page
cause it might need
more space.



Focus

2016

Focus on highlighting the overall total house income, and category of education completion rate in percentage from 2016-2022. This idiom is bigger to capture viewers attention, thus making it the main focus.

Title: Norrative Yiew

Arthor: Gurgobind Singh

Date: 13/10/2025

Sheet: 3

Task: Namative insualisation

for viewers

#### OPERATIONS

U- Refers to the toolfips when the cursor is above the idiom

A Refers to the idiom annotation of vital information for viewels.

00 - Refers to the legend selector

- Scrollable option easier for viewers to view bigger idioms

- Provide descriptive story about the idiom.

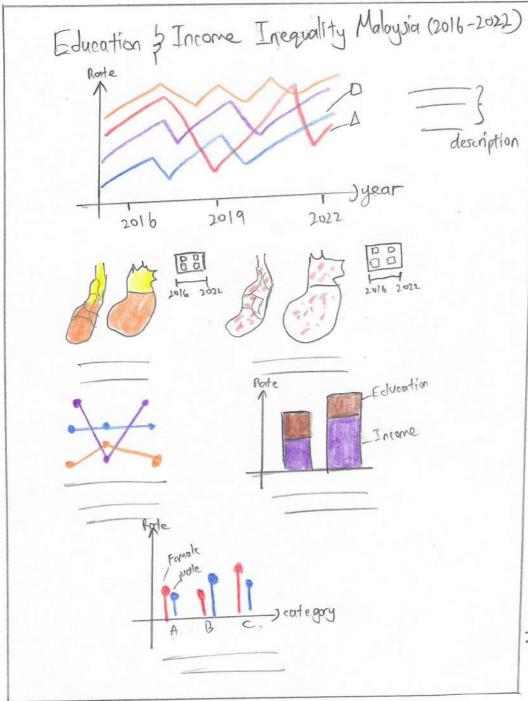
Year of - Dropdown meny for

#### )ISCUSSION

1) The scroll option is good if the idiams require More space to be displayed.

2) The white space between theidions might be too littlewhich may cause the idions to look like it's joined and not separate.

3) The large font size for the main title will attract viewers attention as it has a higher visual hierarchy. LAYOUT



FOCUS

Focus on highlighting the overall long term trend of the household income and excludion completion. The user attention is drawn to the lines which tells the story of the education & income inequality, whether it is increasing or decreasing.

Title: Storytelling Author: Churgobind Singh

Date: 13/10/2025

Sheet: 4

Task: Education & Income inequality Molaysia (2016-2022)

#### OPERATIONS

O-Refers to tooltips when the cursor 3 above the idiom

A-Refers to idiom annotation of vital information for viewers.

1881 - Refers to the legend selector.

Refers to the year slider selector.

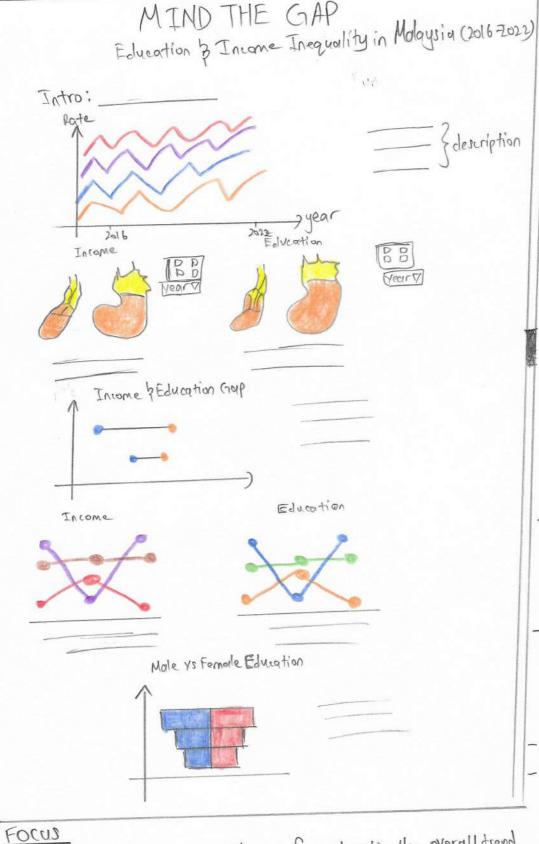
- Provide descriptive story of the idiom.

## DISCUSSION

1) The main focus idiom might be too large which may disrupt the sightlines.

2) The dot map might not be suitable if the dataset is not aggregated by district or individual location.

3) The legend selector is good for viewers to filter for a particular state.



) year

The mainfocus chartis the overall trend of how schold income and education completion over the years (2016-202). This is the first chart to be seen and the biggest size to attract viewers attention. The other charts are equally important and will have similar sizes.

Title: Malaysia income cand education inequality Author: Gurgobind Singh Date: 13/10/2025 Sheet: 5 Task: Design Final

#### OPERATIONS

- Refers to the tooltips which works when the cursor is on the idiom.

layout

PD - Legend selector.

Year & - Year selector dropdownmenu.

- scrollable option to view bigger idioms.

= - Provide description story of the idian.

#### DETAILS

- Dependencies: HTML, Excel, R, Yega-Lite and Java Script for data cleaning and website development

- Estimated time and effort: Atleast 4 days tobuild all idioms and 2 days for final design and layout.

- should be free cost.

- Requirements: Need a
decent screen
(13 inch and above) to
observe all idioms
a clearly.