

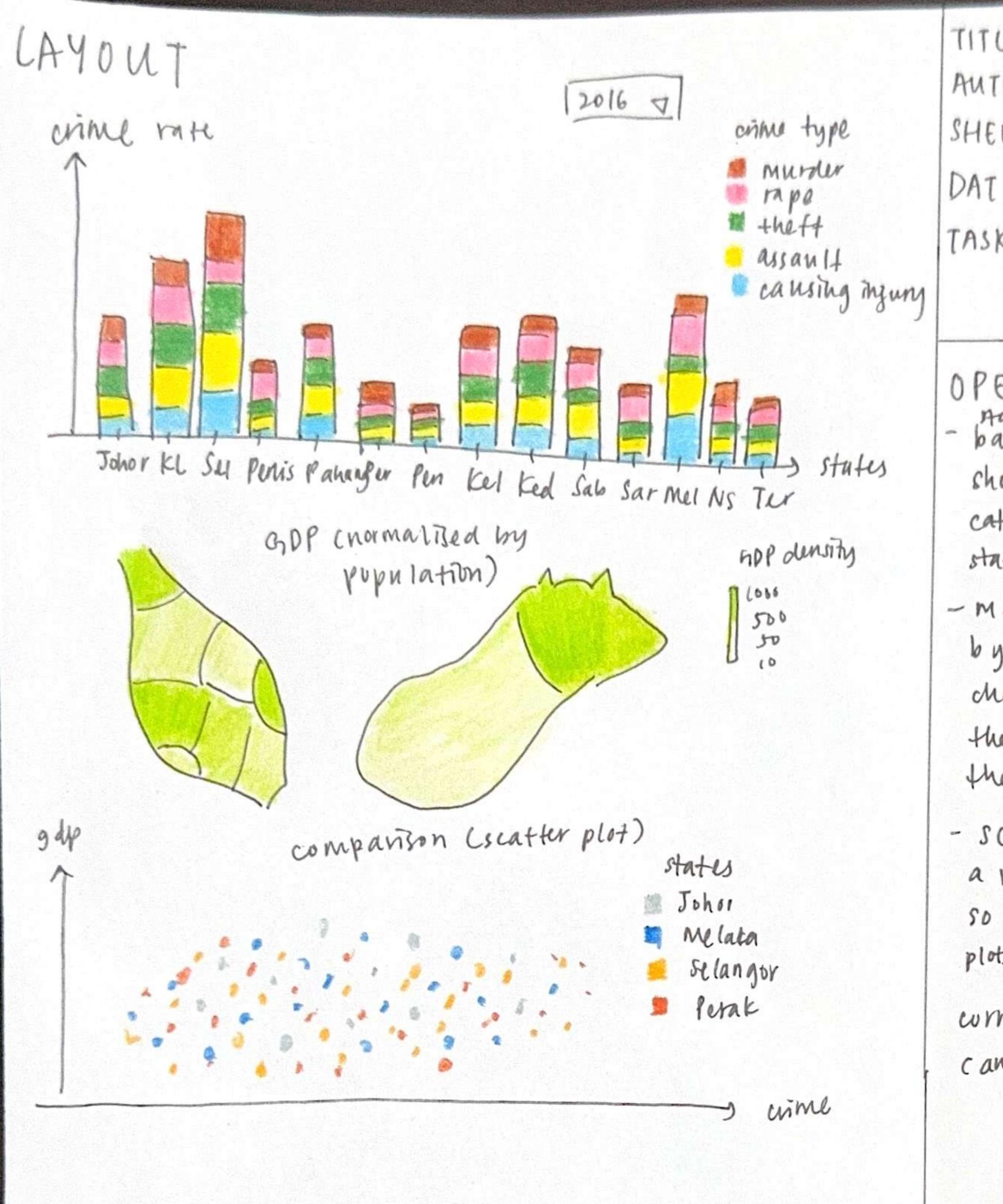
Fint

nears

(may)

Selangol

within each state on a map?



TITLE: CRIME & GOP in MALAYSIA

AUTHOR: Chot Huery Yan

CHEET: 3

SHEET : 3

DATE : 18/10/2025

TASK : understand crime rates & types in malaysia, GDP of states, comparison

OPERATIONS

- bar chart -) break down by connetypes, show both mate cincurate and categories in a single chart by state
- Map choropeth, GDP normalised by population, sequential enour channel to visualise density, the darker the colour, the nigher the density
- Scuffer plot -> each plot represent a value of a state in a year, so each state will have 2016-2023 plots, plotted to find thend of or correlation of GPP with conne, can filter by state



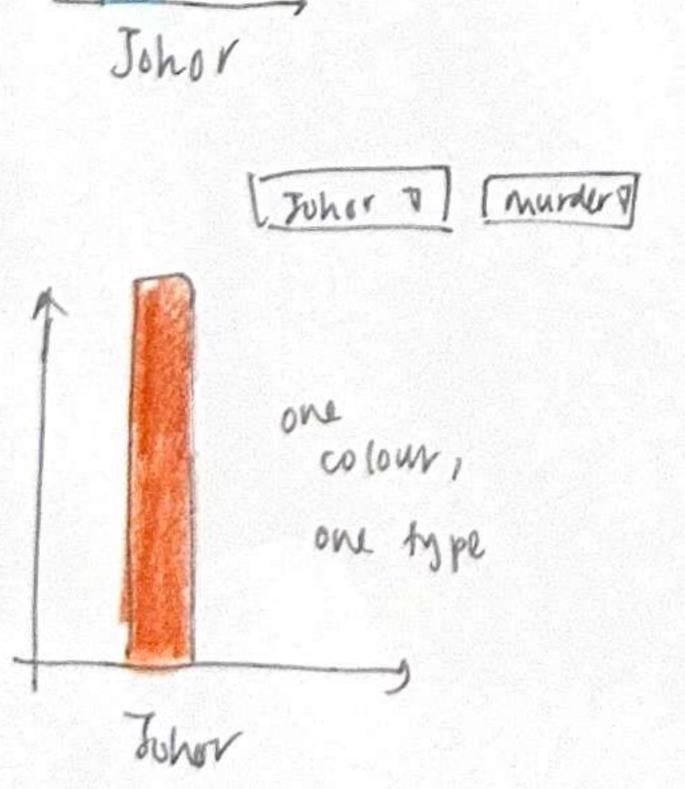
DISCUSSION

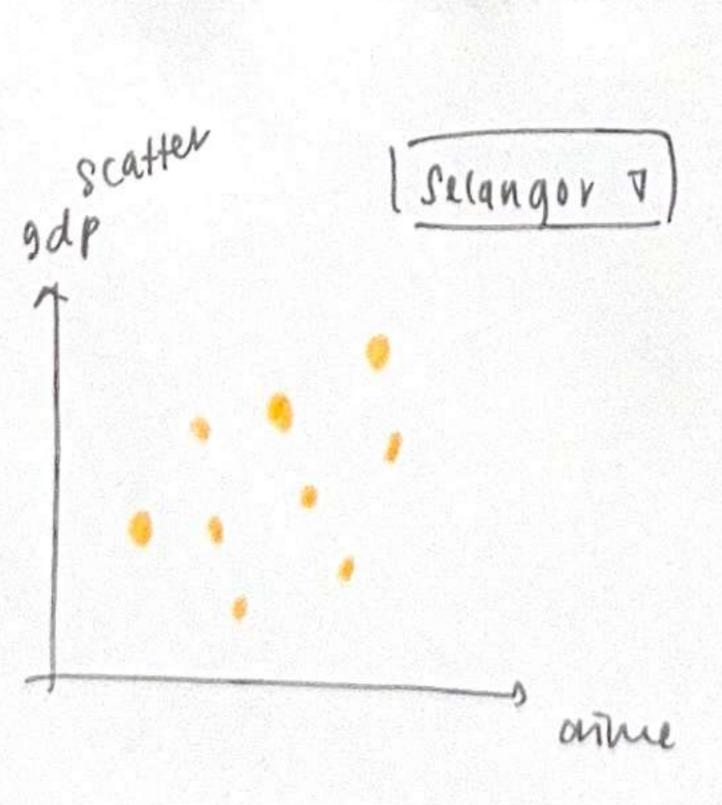
advantage :

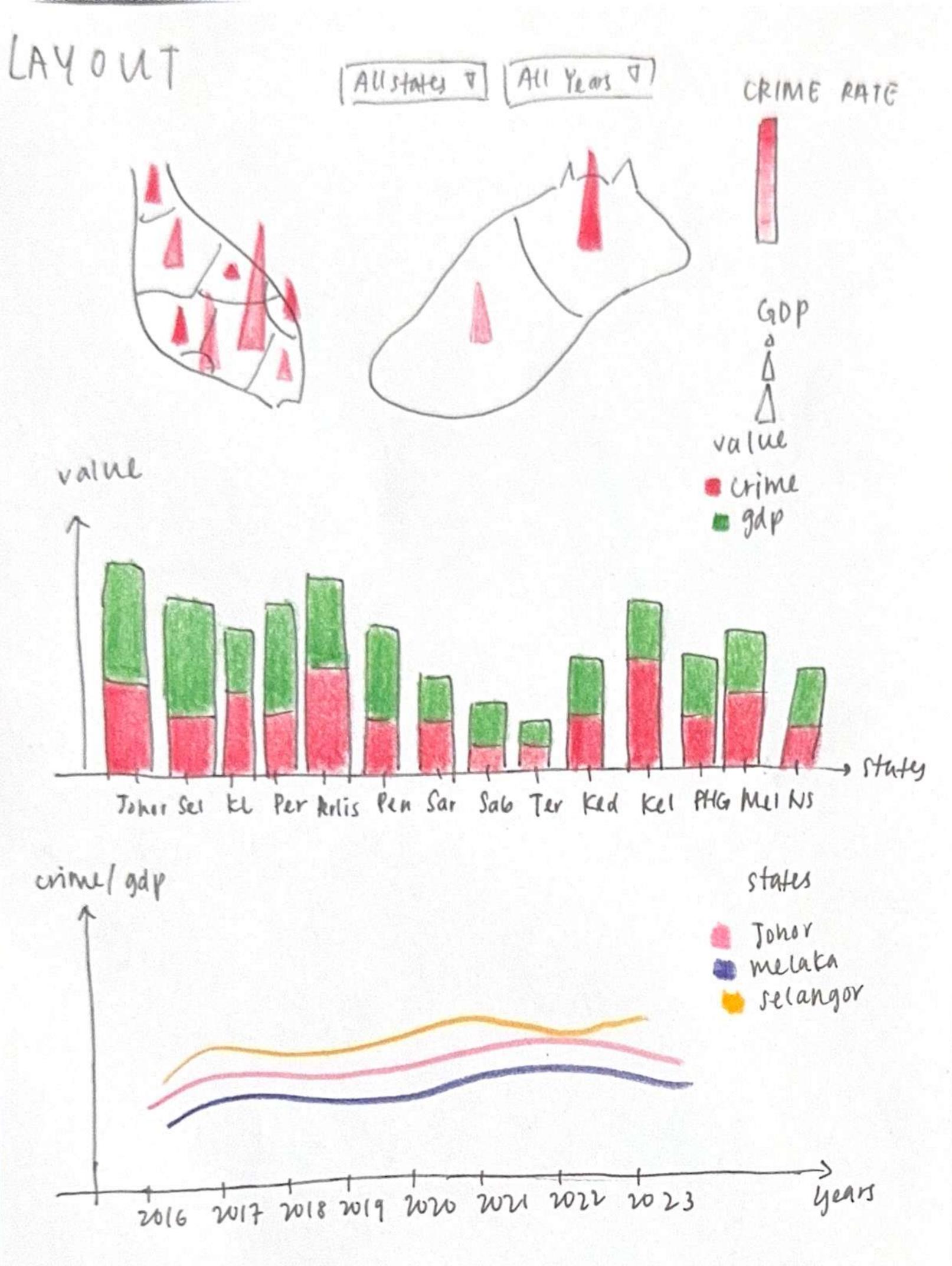
- breakdown view if come types along with come rates in stacked bar chart
- covers come rate, gdp and companson

disadvantage °

- no overview by years, cannot capture trend over the years







TITLE: CRIME & BR GOP IN MACRYSIA
AUTHOR: Chok Hung Yan

SHEET: 4

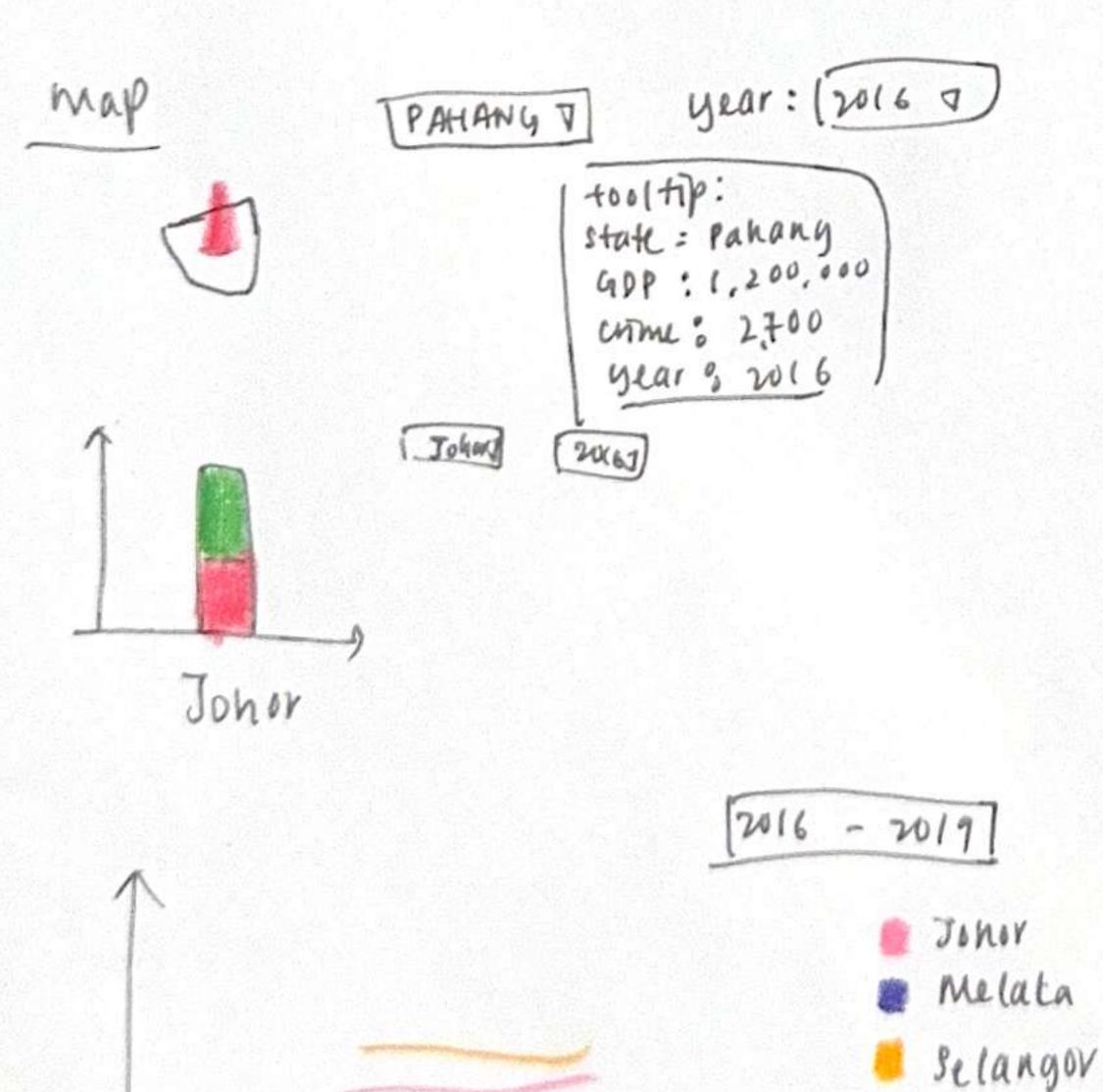
DATE: 19/10/2025

TASK: proportional map of cinus in malaysia, in relation to GDP

OPERATIONS

- proportional map itsuaitses with cinnerate & gdp of each states in one go.
- stacked bar chara gives a breakdam of clearer comparison of crime rates and gdp value of each states, can filter state and year
- like chart of overview of crime or gdp over the years, can select year range and states

FOCUS



2017 2018 2019

DISCUSSION

advantage:

- can visualise come rate and gdp

 together in one map projection,
 use sequential and the cotour size
 channel
- have dearer view of breakdown of sime rates & gdp by states
- have overview of come & gdp over the years for each states to see trend growth I decline

disadvantage?

- -may look repeated on the bar chart, low data ink ratio due to many states, consider highlighting
- 14 lines may look messy on a line chart
- may not capture frend

