

TIRE: A 13179 ASSIGNMENT 2 ATHER: CHAI JUAN YANG DATE : IL

SHEET : 2. STUDENT ID = 33203318

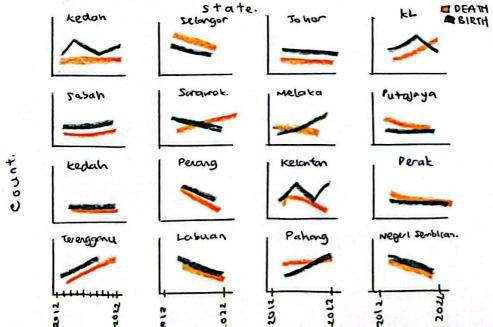
COMPONENTS JOPERATION

- , contakers for each plot (HIML).
- FILTOS (SILDUS) on maps.
- . Hover on each segment to view tooltly information.
- · annotated maps to feature high/lowert borth & death rates.

FOCUS

@ showare all states birth of death. rate over the years.

2 small multiple method. -one god for each state. - + time frame to be decided.



DIZCAZZ JON.

PROS.

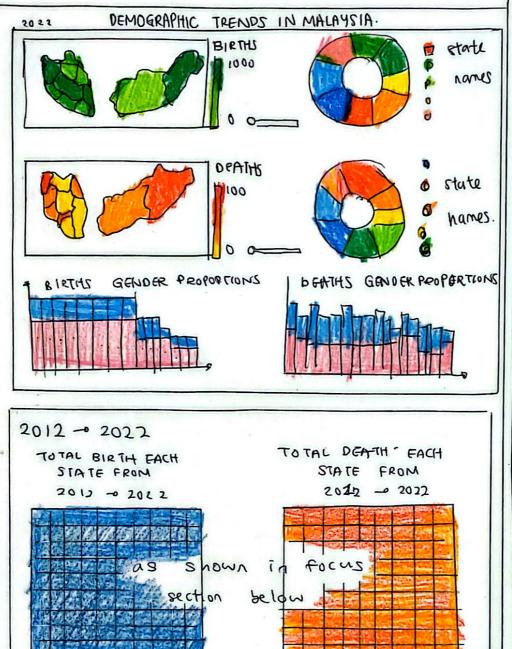
-able to see each state birth & death trends over the years. (abound (gonuments)

- can utilize tooltips for detalled information

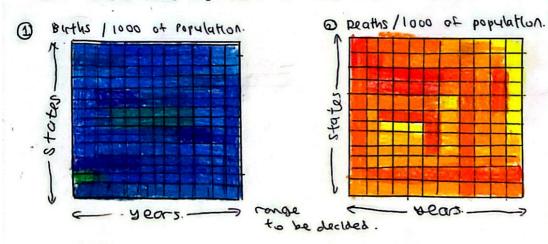
CONS.

- difficult to interpret ulthout tooltip.
- axis scales only appear on left · stoly motted &

LAYOUT



FOCUS. Heatmap each for birth of death
- able to show case high of lows of rates bursed on colours.



different colours to encode bliths of deaths.

AUTHUR: CHAI JUAN YANG

PATE

SHEET = 3

STUDENT 1D = 33203318.

COMPONENTS/ OPERATIONS.

- ogrouped by 2022 only section, and mother from 2012-2072
- · Hiters for maps.
- · hover on each regret to view tooltip info.
- · heatmap that shows the stats of each States of withh a given year period. (10 years).

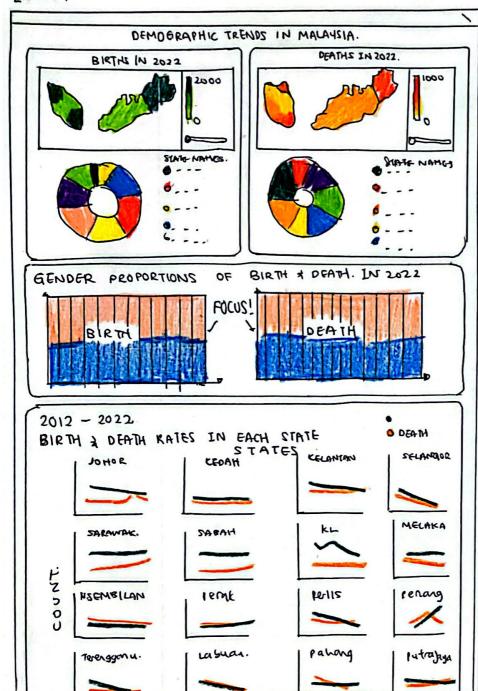
DISCUSSIONS.

PROS.

- able to visualize birth & death rates high & lows based on colour.
- each plot is ready to interpret

CONS

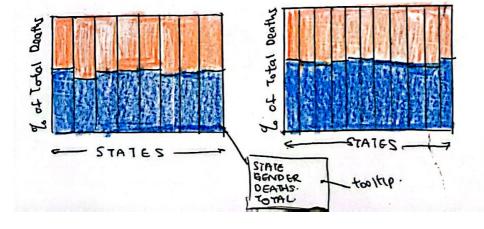
- -unable to show trends as well as line chart.
- · might be confusing to interpret.



Focus

STACKED BAR CHART.

- -normalized to 100%
- each bor represent a state, and durked into gender proportions.



TITLE: FIT31+4 455 IGNHENT 2

DATE :

H: T33H2

STUDENT ID : 3320 3318

COMPONENTS / OPERATION

- exparate containers for births of death, gener proportions in 2022, and another one for 2012-2022.
- · tilpers (ellgars) ter chowbreth
- · Hover on each segment to view tooltip informations.
- · anotated maps.
- · Interactive (ontainers. Otherage colours !)

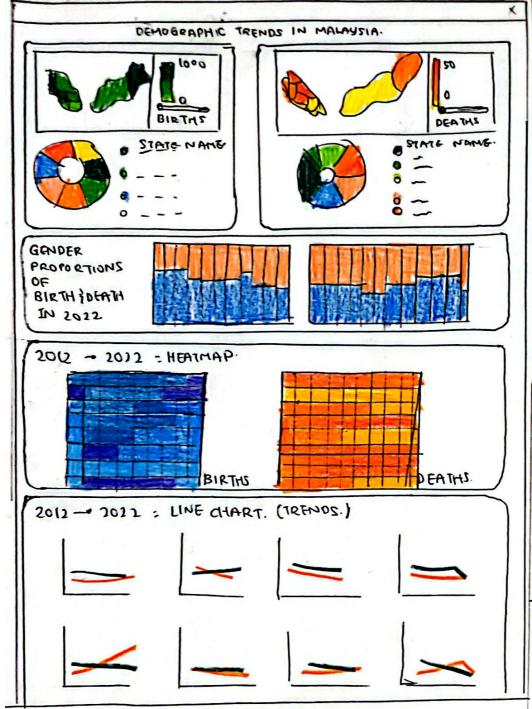
DISCUSSION

· PROS

- better than using a normal bar chart, where the percentage of proportion can be seen.
- mat & easy to interpret.

CONS

- It one column has
 zero values (no male (female)
 absocial might not be
 seen in a stacked bor chart.
- con't visually gener proportions over thre. can only focus on one year



POCUS

1 BIRTH SECTION - (FEATURES CHOROPCETH MAP OF BIRTH / DEATH

2) DEATH SECTION FEATURES DONNT CHART PER 1000 of population death 164th of each of Each STATE CONTRIBUTION PERCONTAGE 3 STACKED box chart

3 GENDER PROPORTION - STACKED BAR CHART.





9 2012 - 2012 HEATMAN

(5) 2012 - 2022 LINE CHART

shee line chart can



SHOWLASE TRENDS.



- especially with small multiples.

TITLE: FITS 174 ASSIGNMENT 2 ANTHOR: CHAI JUAN YANG

DATE

SHEET:5

STUBENT ID : 33203318

COMPONENTS. JODERATION.

- 1) Focus on 2012 Infographics Vi the first half.
 - boths/1000 people on the population
 - death/1000 people in the population
 - donut chart to show preentage of blothe I deaths.

 gover distributions.
- 2) second hat focuses on 2012 to 2012
 - heatmaps with States and 10 year sected.
 - Capan fresds)
 Other charts of

 Capan fresh rates

 States in small multiples

 Capan fresh rates

 Capan fre

DETAILS.

- (1) CHOROPLETH MAP.
 - obtain populations and normalize for each State.
- Donut chart
 get percentage out of total
 death 1614h of each reate.
- 3 Stacked bor chart
 select and categorize
 bared on Male & Fenale.
- (reate one for bith, of one for death,
- 5) Line chart
 cutilize small multiplex
 group by states.