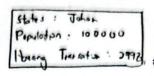


Operation

- When hovering on each states on the charapteth map, toothip was shown as below:

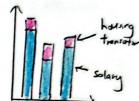


renu also to allow vieners to select states to be shown on the map



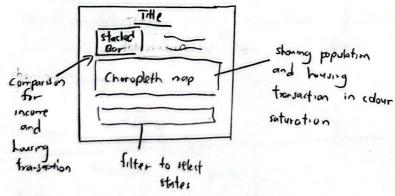
kly. Sthigo

Of Lor



Focus

- Focus on the map visualisation. The map chosen is choropleth map.



Title : Ournew analysis

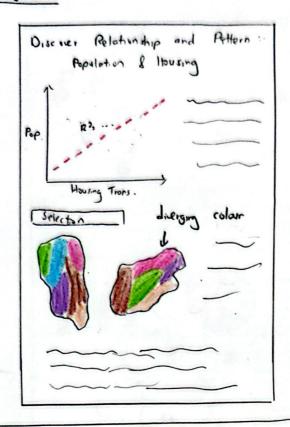
Author: Stenard Tang Ja Heng

Date : 13/10/2015

Sheet : 2

Discussion

- Is the selection meny able to implement in Vega-lite?
- Is the visualisation too wordy inchead of using charte to make analysis?
- Can a vieners without any visualization background understand what is it about?
- Is the mage necessary for the dashboard.
- · Poes the virialisation provide enough internation for researching?
- Is colour saturation appropriate for choropleth map?



Operation

- the selection, renu allows users to select certain states to discover the relationship for that states, and also selection for the map.



*)



Status: Population: Housing Trainties: Traine: -

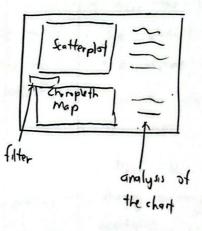
- the tooltip will show when howing on the porticular states or points on scatterplat showing the information about it.

Focus

- scatterplot showing the relationship between population and housing transactions for each states in Malaysia, >0>>.

(include showing the R2 value on the chart)

- Choropleth map showing the information about population or, housing transactions and also income for each states in diverging colour.



Discussion

- 1s the choropath map showing too much information about the title?

- is it intuitive for viewers to understand the virualisation?

Title : Relationship and pottern

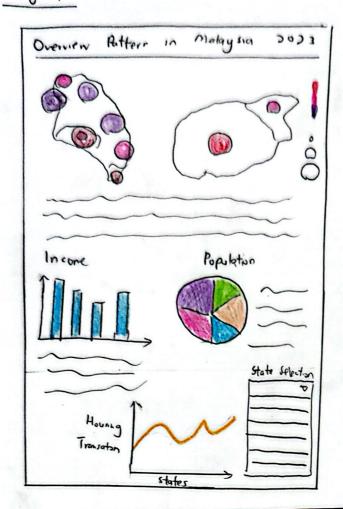
Author : Stenot Tong Ja Hong

Date : 13/10/2015

Sheet : 3

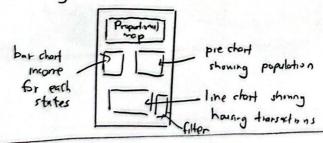
Task : Annotated chart

- 1s choropleth map a good choice to represent the pattern of malayria?
- Is multiple selection menu suitable for scatter plut, how the scatterphy will look?



Focus

The proportional map was used and as the main focus of the visualisation with the size of Circle indicates the population and colour saturation and colour saturation and colour saturations.



Title : Pattern in Maluysa : Repulotion , income , housing

Author : Stewart Tong Jim Ikang

Date : 13/10/2025

Sheet : 4

Task · Partitioned Poster

Operation





to the fitter to thow that particular states.

- tooltips shown for all chart when bovering around the segments

Discussion

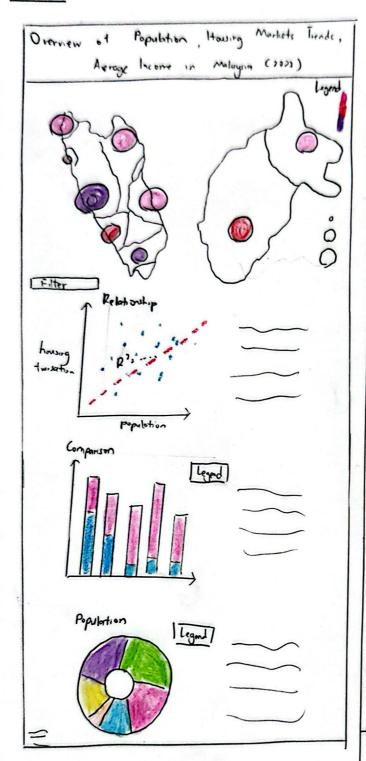
1. Is the pie chart able to show all the states without repeating colours?

3. Poes the entire vauclisation looks reatly and concide for vieners to interpret?

3. Does the proportional map shows the important information Flearly and intuitive?

4. (an the charts modified again to show more important details.?

5. Does the bar chart for income showing anything important eg. relationship or etc?



Title : Final Design

Author: Stevent Tong J.a Iteng

Date : 13/10/2015

Sheet : 5

Task : Final layout

Focus

- The main focus is the proportional map with the size of excle indicates the population, and colour saturation for the houring transactions.

- showing analysis for the scatter plat and stacked ber chard which is less intutue to make the meners without any background to understand.

- the donut chart showing the ownell dutabution of population in Malayna.

Operation

- the size of the bubble on proportional map indicates population while colour saturations means housing transactions.

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the fitter selection allow weners to select a states to show on the map.

- all the charts will show the information in tooltips when hovering around it.

- the R? value was cakulated in Excel and added inide the scatterplat

Details

- All charts are designed and created in Vega-Lite and published in github using HTML.

- I bans sent was chosen for titles.

-all the charts are feasible to create using Vega-Lite.

- all the duta from reliable data source and cleaned for data variation.