

FIT3179 Data Visualisation

Homework W10

Report

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Class: **Tutorial 06**

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URL:

<https://hruigian.github.io/week10HW/>

Screen Capture of Interactive Visualization:

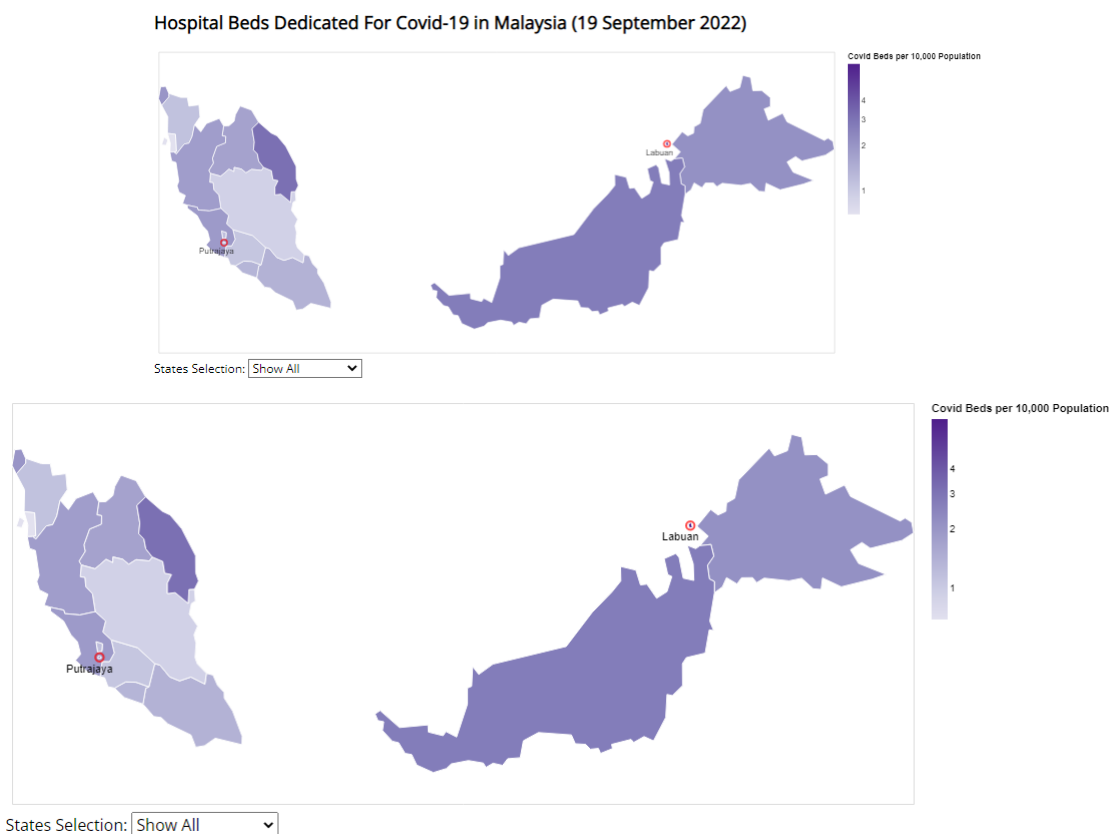


Figure 1

Instead of adding interactivity to the new second visualization, I modified the first one to have interactivity and added another visualization

The domain of your visualisation:

- Visualizing Covid 19 Data

The visualised dataset:

- <https://github.com/MoH-Malaysia/covid19-public>, this dataset is a list of csv files, and it is from Ministry of Health Malaysia GitHub.

Data transformation:

- Normalisation by population has been done to the dedicated hospital beds for covid 19 patient as some states in Malaysia have significantly more population than other states. Hence, comparing relative beds over population is better for viewer.

Justification:

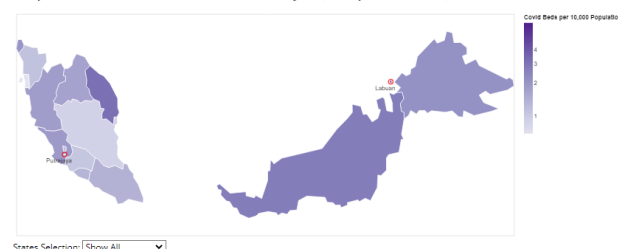
- The first idiom used is choropleth map. Since, the dataset needed to visualise is just based on states and each state in Malaysia in the dataset has its own values. There is no point of using propositional symbol or dot map as I want to label the whole state instead of just part/some of the states.
- The interactivity is for you to choose which states u want to filter and focus for 19 September 2022.
- The second idiom is a line chart that shows u every new daily covid cases from start of covid in Malaysia to 19 September 2022. It is better than bar chart or point chart as a line is better at showing trends of the daily covid cases. There is also a annotation for where is lines out the average daily cases of covid 19 since start of covid till 19 September 2022.

The Whole Visualization:

W10 Homework

Show two visualisation from your domain.
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Hospital Beds Dedicated For Covid-19 in Malaysia (19 September 2022)



New Covid Cases till 19 September 2022



Total number of COVID 19 cases in Malaysia will break 5 Millions soon. Stay safe guys.

Figure 2