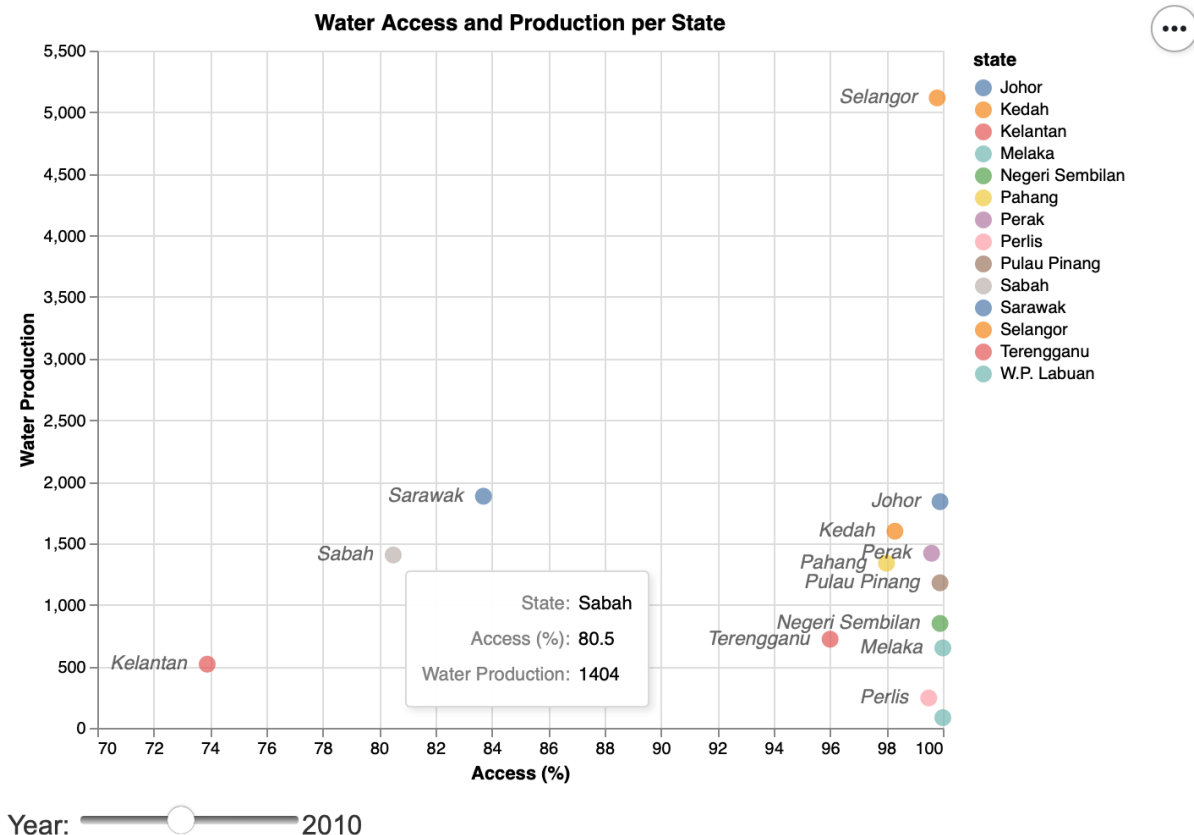


## FIT3179 Data Visualization | Homework Assessment Week 10

Student Name: June Jin | Student ID: 31994695 | Tutor name: Dr Chai Wen Ting

### 1. Task 1 outcome

#### 1. Water Accessible rate with production in Malaysia



### 2. Task 2 outcome -

URL GitHub : [https://junistz-dev.github.io/2024\\_Data\\_Vis\\_Homework\\_week10/submit.html](https://junistz-dev.github.io/2024_Data_Vis_Homework_week10/submit.html)

#### 2-1. Domain of Data visualization 2

- Water usage(Million liters per day) for domestic usage in Malaysia by state with access of households to treated piped water by state.

#### 2-2. The visualised data set, including attribute types, sources and author.

- Data attributes: Categorical (State of malaysia, Johor, Kedah etc..)

- Quantitative: Percentage of accessible rate of water, and water production, dot plot

- sources: [https://open.dosm.gov.my/data-catalogue/water\\_access?state=malaysia&strata=urban&visual=table](https://open.dosm.gov.my/data-catalogue/water_access?state=malaysia&strata=urban&visual=table)

- Author: 2024 public sector open data, department of statistics malaysia.

2-3. A justification for the visualization idiom used

- A scatter plot allows for an easy understanding of the relationship between two quantitative variables, making it suitable for analyzing the correlation between water access and water production, while visually distinguishing the states helps to identify regional differences at a glance.