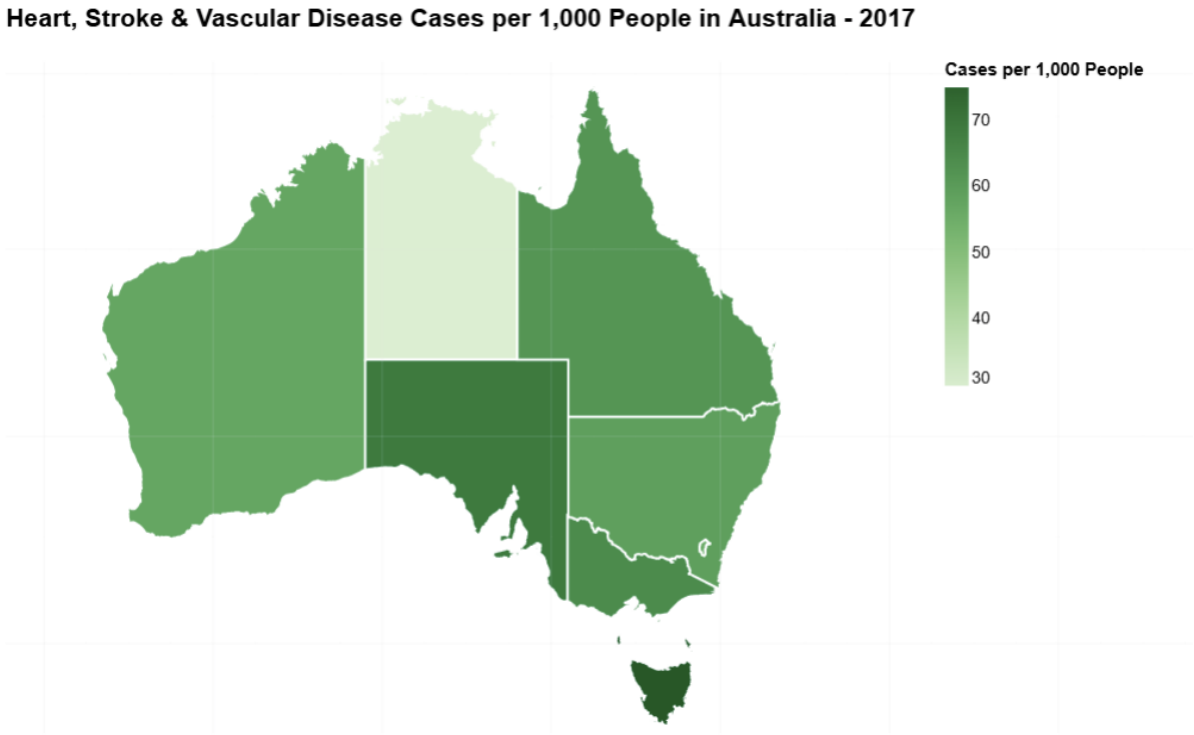
Name: Harry Katelis (33114757)

Lab: 10AM Friday with Bruno

URL: https://harrykatelis.github.io/Week-9-Homework/



- The domain of the visualization is the prevalence of heart, stroke & vascular diseases within Australia in 2017 by state (normalized to per 1000 people).
- The source of the data is as below:
  - https://www.aihw.gov.au/reports-data/health-conditions-disability-deaths/heart-stroke-vascular-diseases/overview (2017), Author: Australian Institute of Health and Welfare
  - Quantitative Attributes: Number of Cases per state; proportion of state with the disease
  - Categorical Attributes: State

- Normalisation was applied to the dataset, through taking the number of cases per state, and dividing that by the total population in the state, then multiplying that by 1000 to get the number of cases per 1000 people in each state. This was done in the excel file itself. Also, the numbers in the excel file had to be converted to numeric in the .json file since these were considered to be strings.
- The chloropleth map was chosen because it effectively shows relative disease rates by state, highlighting the difference across regions visually. Proportional symbols were considered unnecessary as rate is already normalized by population, as well as this could obscure the state borders, too.