**FIT3179 Week 9**

The domain of your visualisation

Banking coverage in the US via number of bank branches per capita in different states

The visualised dataset (attribute types, source and author, etc.)

1. Listing of FDIC-insured banks branches and locations, Federal Deposit Insurance Corporation

https://banks.data.fdic.gov/docs/

https://s3-us-gov-west-1.amazonaws.com/cg-2e5c99a6-e282-42bf-9844-35f5430338a5/downloads/locations.csv

The data is aggregated in count by the STNAME field

2. State Population Totals and Components of Change: 2020-2022, United States Census Bureau

https://www.census.gov/data/tables/time-series/demo/popest/2020s-state-total.html

https://www2.census.gov/programs-surveys/popest/tables/2020-2022/state/totals/NST-EST2022-POP.xlsx

The 2022 column is extracted and matched by state with the aggregated FDIC data

Data transformation that you applied (if any), such as normalisation by area or population.

Normalized total number of bank branches in states by their respective population

A justification for the type of map idiom used. For example, explain why you chose to create a proportional symbol map instead of a choropleth map or a dot map.

The reason why I used choropleth idiom is it best represents the data by using the colour scheme to show the number of branches within the states with the legend showing the branches by the 1000s.

This is the screen capture of the map. 