FIT3179 week 9 homework

Yakir Havin — 26909502 | Lab 27: Wednesday 8pm | Tutor: Meghna Khanna

Visualisation URL: <https://yyhav1.github.io/fit3179_week09/>

Map

Description automatically generated

# Report

* Domain: visitors of the US National Parks in 2021
* Visualised dataset: visits per national park in 2021, from the query builder available at <https://irma.nps.gov/STATS/>; latitude and longitude information from <https://www.latlong.net/category/national-parks-236-42.html>; geographic topoJSON from [mapshaper.org](http://mapshaper.org/) with underlying data from [naturalearthdata.com](http://naturalearthdata.com/)
* Data transformation: no transformation required as visits were summed for the year
* Idiom: a proportional symbol map was used here as this shows the distribution of the parks across the US and allows for the size channel to encode the number of visits. A choropleth would have wrongly implied that the visualisation was focusing on states rather than parks