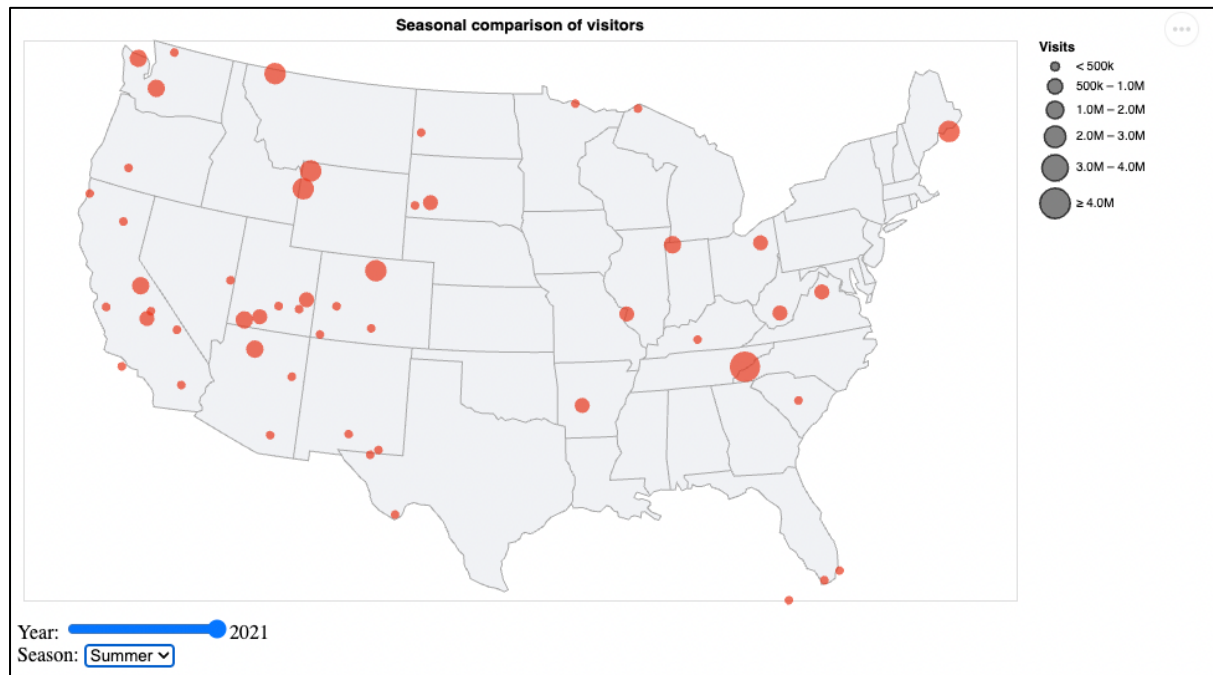


FIT3179 week 10 homework

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

Visualisation URL: https://yyhav1.github.io/fit3179_week10/



Note: My week 9 homework submission included a similar map to the one above. However, I have since changed the entire structure of the visualisation, changing the dataset and now including visitors across a ten year period, along with a year slider and a season picker. I have also created a bar chart with text/line annotations for national park fees, which is contained in the Github link above (but no filtering because it is not relevant). Thus, overall, for this week 10 submission, I have two charts, and between them I have the required combinations of filtering with a dropdown, filtering with a slider, tooltips, and text/line annotations (and I've even included hover and click animations). I believe this to be a sufficient fulfilment of the homework requirements.

Report

- Domain: US National Parks visitation 2012-2021
- Visualised dataset: Visits per month per national park 2012-2021, 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 with underlying data from naturalearthdata.com; fees per national park from <https://www.nps.gov/aboutus/entrance-fee-prices.htm>

- Idioms: A proportional symbol map was used for visitors per park to show relative amounts of visitors to parks dotted across the United States; A bar chart was used for average entrance fees per region as it clearly shows the comparison of costs per region, and allows for effective text labelling at the top of each line mark