Jason Chou Final Project Proposal

Coronavirus Disease (Covid-19) Cases in U.S.

New York Times

The data structure that I am intended to use is the Center for Disease Control and Prevention’s Cases in the U.S. and New York Times’ API. The challenge score is 11. I was able to look through the CDC’s website and identify the data that I need and was able to make a soup for the CDC’s cases in the U.S. page. However, I haven’t made a scrapping plan about how I should scrape the information that I need. For the New York Times’ API, I was able to search for the most view articles on NYTimes.com for the past 1, 7, and 30 days and print out the result. For the data presentation, I plan to create a pie chart and table for the cases reported for each state in the United States, a line chart for the cumulative total number of COVID-19 cases, and a bar chart compares what some popular topics in NY Times News are in the past 1, 7 and 30 days.

Resources:

* API Collections to Help in the COVID-19 Fight: <https://covid-19-apis.postman.com/>
* COVID-19 Cases & Deaths in US from the CDC: <https://documenter.getpostman.com/view/8854915/SzS7NkTz?version=latest>
* CDC Cases in U.S.: <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html>
* NY Times Developer APIs: <https://developer.nytimes.com/apis>