Sprint 5 Artifact

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Done List:
1. Implement import function (parser). (saves directly to "covid_19_data.csv") (Ben)
2. Hotspots(top cases/recoveries/deaths). (nathan)
3. Ratio to confirm or death. (Kenny Y.)
4. Recovery rate percentages.(county level grades). (Alton)

TODO:

Improvements:
1. Implement a stronger parsing system to ensure data struct is correct.
2. Search rigidity.
3. Making it look pretty.Yes. Add some color. (Kenny L.)
4. Update output what is updated. (Kenny L.)
5. Clean things up
6. search/find/fix bugs[nathan]
7. Create visualizations for existing analytics. (Nathan)

Implementations:
1. Daily/ weekly cases. - search for a date
    a. divide the dates into "mm/" + "dd/" + "year"
    b. for each row in data divide the date and search for "dd" and ensure "year is the same" (Kenny Y.)
2. Peak days of confirmed cases, deaths, and recovery. Including visualization (Kenny L.)
3. Compare 2 countries/states
    a. Output latest date (Alton)

Peak days of confirmed, death, recovered

Input: Country/State.

Output: Date of peak date

Compare the cases between 2 provinces/states
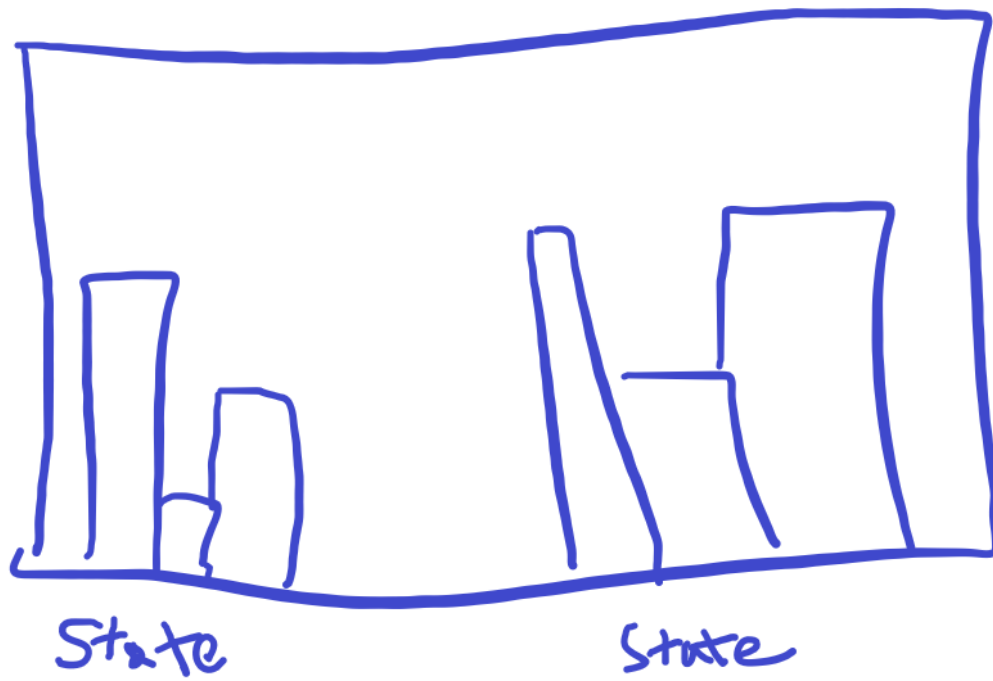
State   State

Daily / Weekly cases.

Enter date [ ]

State/province [ ]

Country [ ]

Daily cases for. mm/dd/yy

↓ ⋮ ×7

Weekly cases.

Test Cases:
Feature Implementation 1: I want to find the daily and weekly cases for a certain start date. Output daily cases starting from the date given by user input.
Feature Implementation 2: I want to be able to put a region and it will output the days that have the peak data of number of confirmed cases, date of death cases, and date of most recovered cases.
Feature Implementation 3: I want to compare 2 states/provinces for confirmed, deaths, and recovered cases.