Data Visualization - Project 2

Covid-19 Exploration

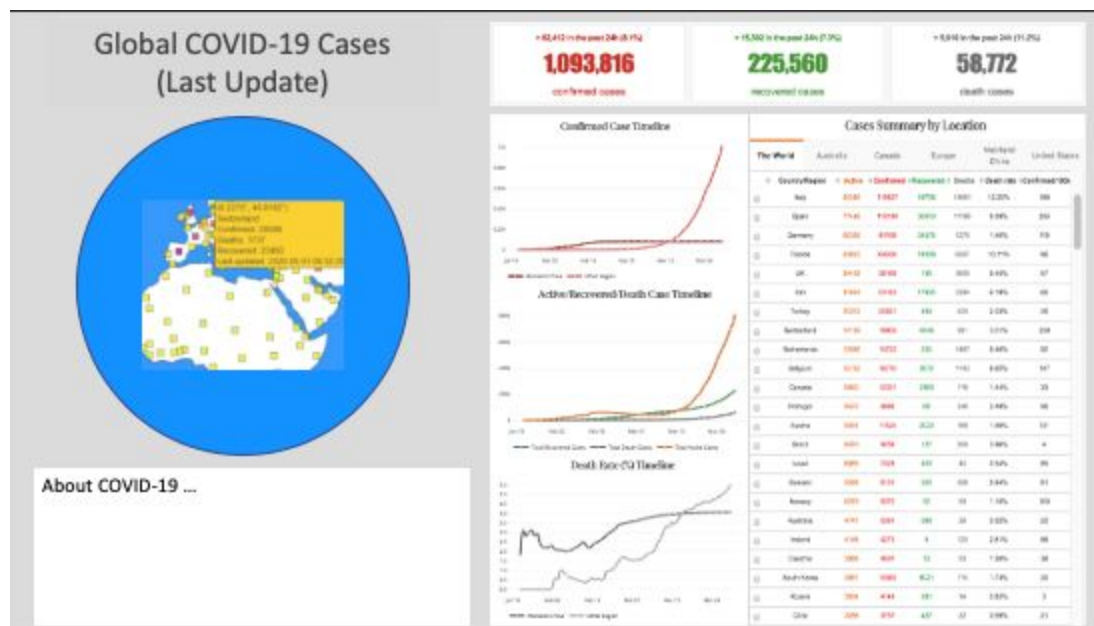Contributors:
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We would like to explore aspects of the covid infection through the world. We will probably find inspiration as we explore the datasets and focus on several aspects of the pandemic. We **might** dive into economic impact vs. infection rate, perhaps level of government lockdown vs. infection rate, death rate vs. environmental temperature and age, effectiveness of treatments and preventions, etc, but we'll make that determination as we get more familiar with the data.

Goal: build a dashboard to perform daily report of COVID-19 cases in real-time

Sketch of our visual dashboard of the COVID-19 Pandemic

Inspo sketch!

Database: postgreSQL

New JS library: dash

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Data:
https://coronavirus-resources.esri.com/datasets/bbb2e4f589ba40d692fab712ae37b9ac_1/geoservice?geometry=98.694%2C-38.069%2C-81.306%2C63.033&orderBy=Country_Region&selectedAttribute=Confirmed&where=Last_Update%20%3E%3D%20TIMESTAMP%20%27Invalid%20date%27%20AND%20Last_Update%20%3C%3D%20TIMESTAMP%20%27Invalid%20date%27

Json(API):https://services1.arcgis.com/0MSEUqKaxRlEPj5g/arcgis/rest/services/Coronavirus_2019_nCoV_Cases/FeatureServer/1/query?where=1%3D1&outFields=*&outSR=4326&f=json

Github: https://github.com/neilhsu70/DataAnalytics-Project-2

Level of user-driven interaction: textboxes, tool tips, user selectable options