

Final project check-in 1

Terrell Mensah: The problem I set out to solve was how to visualize the Maryland covid data. I did this by importing pyplot by using matplotlib. I figured out that I could edit the font for the labels on the graph, thus, making it more readable. I also realized that I could plot two different trends in the same graph. I did this by putting two different y parameters in the plot_data function. The file that contains my solution is "covid_graphs.py" while reading in the data from "maryland-covid.csv". The modules I used were pandas, collections, matplotlib, math and numpy.

Jay Paranjape: The problem I set out to resolve was how to visualize covid cases per Maryland County. I realized that it is a lot similar to reading text files, as I created a graph using matplotlib while importing pyplot, where font size and labels play a role. My solution file is "covidFunctionJP.py"

Alan Chen: The problem I set out to solve was visualizing the number of total cases for all U.S. states and not only Maryland. I wanted to find a way to display each state in the graph with a red color as a potential "hotspot" and all other states with a green color to signify the fewer number of cases. My other idea for a solution is to narrow it down to Maryland counties, then from all major U.S. cities, and finally from all the states. I figured out how to format the graph by setting x and y variables and adding a title and labels. I also had some basic knowledge of Pandas to assist in reading the csv file and filtering. The "covid-states.py" file contains my solution while reading in us-states.csv. I used the pandas and matplotlib modules.

Gerald Boateng: The problem set I solved visualizes the number of covid-19 related deaths by each state (x_axis = State, y_axis = Number of death/state). The number of deaths per state is represented by the color red in the chart. Names for the two objects have been provided in the chart respectively.