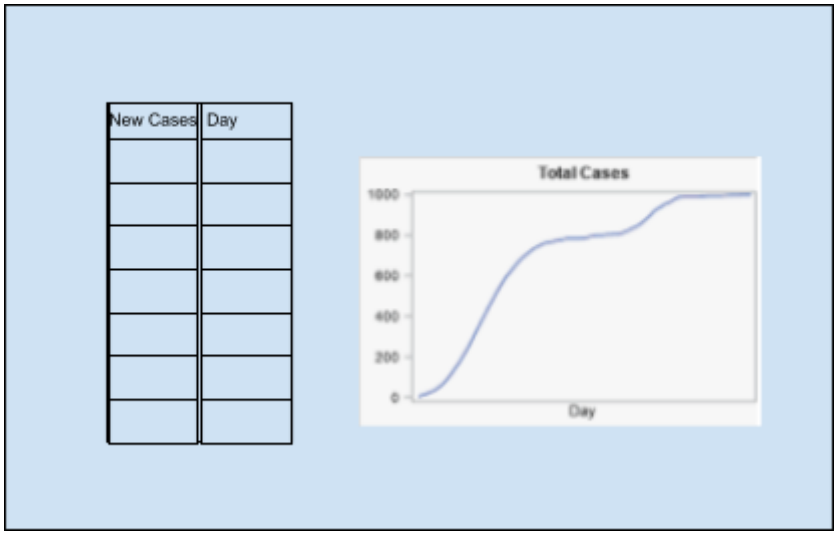
Devki Welt
Pd 4
Alltomato
Data

Section 0:
This project will take any csv file and determine the type of graph that should be used to present it, then output html code to present the data on a webpage. It looks for the types of data, such as integers, decimal values, or words, and the number of headers, to determine the type of graph to generate. These graphs could be line graphs, scatter plots, histograms, or bar graphs. For example, data with only one header or with word values might be more suited to a histogram, while data with a variety of categorical headers might be better suited to a bar graph. Numerical data organized sequentially might be better suited to a line graph, while numeral data in a random order might be better suited to a scatter plot. These plots will be chosen, and then the program will output a string of html code to present the data in a table and in the chosen graph.

Section 1:
This would be an example of the output if given a csv file that has data for the number of total cases per day.



Section 3:
Data will not be used to generate the program, but the program will take a csv file including the ones used in class.
Development Stages:

1. 6/02/21: Read in and organize csv file into list or dictionary.
2. 6/03/21: Choose graph type based on data.
3. 6/04/21: Output html data to present data as a table.
4. 6/05/21: Include graph in the html.
5. 6/06/21: Finalize html output and webpage.