MIST.2010 Section 208 Business Information Systems – Spring 2020

Tableau Project – Total Points 100 Points

Due: May 3rd, 2020

(Note: 10% of the Final Grade will be based on this project)

Project Description:

In this project, you have to create visualizations on the current global pandemic of COVID-19 by using the Tableau software.

Dataset:

You will be using the C0VID-19 Cases.csv file as your data source, provided in the Tableau Project folder.

Deliverables:

Your visualizations can include several graphs, tables, and filters. At minimum you should include:

- Progression of Cases over time, all over the world, cumulative as well as the differences.

- Progression of cases specific countries (Such as USA, China, Italy, etc.)

- Progression of deaths over time, global level as well as at the US level.

- Case-Mortality Rates for the USA, Canada, China, and Italy over time.

- Anything else you can find in the dataset, you can also add more data to create detailed visualizations.

- A dashboard combining all the charts and tables into one slide. The slides should be interactive with the help of Filters or Pages.

- You should include your full name in the header of the dashboard slide.

Deliverable Format:

- A PDF document including all the worksheets and the dashboard of your Tableau project.

- The Tableau Project Source file (.twbx). Please insert your last name as the file name

   (YourLastName.twbx).

Please watch my **Tableau Project video** for a better understanding of my expectations from this
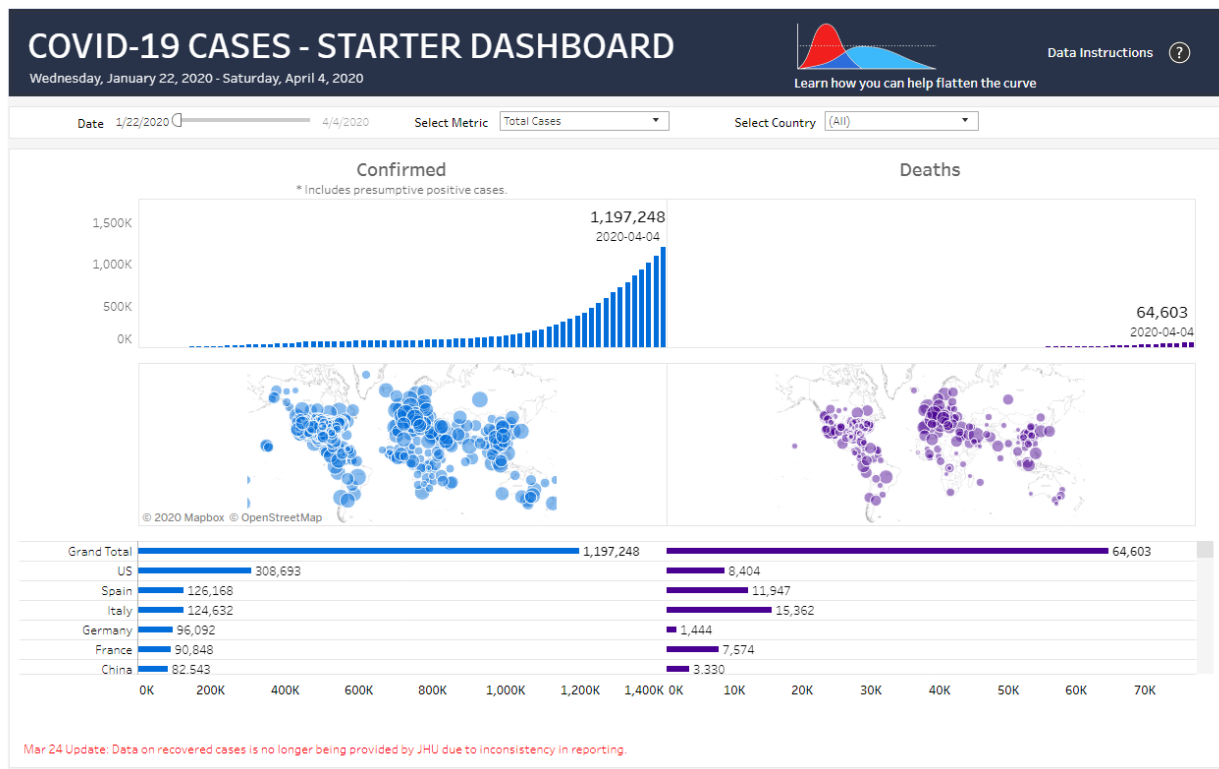
project.

Sample Dashboard:

Figure 1: Sample Dashboard

Additional Reading:

https://www.tableau.com/about/blog/2020/3/ten-considerations-you-create-another-chart-about-covid-19

Reference:

Dong E, Du H, Gardner L. An interactive web-based dashboard to track COVID-19 in real-time. Lancet Infect Dis; published online Feb 19. https://doi.org/10.1016/S1473-3099(20)30120-1. Special thanks to Tableau Zen Masters Anya A'Hearn, Tamas Foldi, Allan Walker, and Jonathan Drummey for all of their work to make these resources more accessible to the public