IS 296: UMBC

Please identify two examples of how data science is being explored in understanding pandemics particularly COVID 19. Include the following for each example **(10 pts for each example)**:

1. How was data science method used--remember the data life cycle- identity what part of the life cycle is demonstrated in your example- it could be anywhere from data collection, preprocessing, task relevant data selection, pattern discovery, visualization, evaluation? **(2 pts each)**

2. Identify and explain the datasets used in the case study/example with proper source links and citations. **(4 pts each)**

3. What is missing in the case study/example? **(2 pts each)**

4. What worked in the case study/example? **(2 pts each)**

As an example see:

https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6

https://github.com/CSSEGISandData/COVID-19

https://www.tableau.com/covid-19-coronavirus-data-resources

https://www.zdnet.com/article/tableau-makes-johns-hopkins-coronavirus-data-available-for-the-rest-of-us/

https://public.tableau.com/profile/covid.19.data.resource.hub#!/vizhome/COVID-19Cases_15840488375320/COVID-19Cases