**Covid Dashboard**

File: “Covid Dashboard Final.twbx”

Tableau Public link: <https://public.tableau.com/app/profile/weiyee.lee/viz/Covid19_16343638200350/FinalStory?publish=yes>

Explanation + storyline

This dashboard uses data from the folder /1\_data\_extraction. The original data given as part of the assignment included data up till 29/May/2021. I managed to find daily updated data from the same source and used an updated version (15/Oct/2021) of the same data for my dashboard. However, this updated version did not split India’s stats by Indian states/provinces, which was information I wanted to use for a map in the dashboard, therefore I used the original data which had the Indian state names for the one particular map. Apart from disease data, I also included vaccination data in the dashboard. These data were cleaned before ingested into Tableau.

The dashboard has three tabs: ‘Global impact’, ‘United States’ and ‘India’. The focus on the US and India was because the client had more interest in the impact of Covid in these two countries.

In the ‘Global impact’ tab, we can find the numbers of the statistics most people might be interested in (number of cases, number of deaths, etc.) on the left-hand-side (LHS). We also see a global map showing the number of cases & deaths in each country. Below that, the bar graph shows the number of global daily cases & deaths over the course of the pandemic, with two big peaks around May 2020 and May 2021(?). The right-hand-side (RHS) interactive bar graph denotes the top few countries with the highest cases, supported by the line graph below which displays a cumulative count of cases for those countries over the course of the pandemic. Both graphs show that the US and India are the top 2 with the most number of Covid cases.

The ‘United States’ tab zooms further into the Covid stats in the US.

Prescriptive measures I will recommend based on the data to ensure smooth reopening of physical offices without compromising the safety of the employees or causing significant business disruptions