**(1) How do you know the information they present is reliable? What sources did you use to answer this question?**

**a) Your answer should consist of 2 points for each site.**

The information provided by the who.sprinklr.com is reliable because the WHO is the international body responsible for public health. This organization works for sets international standards for diagnosing diseases and disorders. WHO collects the human health data from every country's health department and they do a reach and experiment on that dataset and last they release a health advisory all over the world So that the results given by the organization are transparent.

I visited different country's health department websites and get information regarding how they share their country's people's health information with the WHO to get detailed information regarding in the reason behind diseases occurring and steps to cure the Occurrences. Apart from that, any countries become a member of the WHO using the organization votes. So that, the information provided by the WHO is valid and members countries follow their guidelines to protect their nation.

**CSSE works on a range of complex and interdisciplinary problems, united by the goal to better understand and improve societal, health, and technological systems for everyone. CSSE also collect that from different regions and analysed it by the university student and research teams.**

**I compared the covid CSSE dashboard with the 2-3 countries health information platform and both websites provide the same results in terms of all the different categories available on the website. I visited the covid website namely**[**https://www.mygov.in/covid-19/**](https://www.mygov.in/covid-19/)**and https://www.canada.ca/en/public-health/services/diseases/coronavirus-disease-covid-19.html. At the end of the analysis, both websites provide the most accurate data set. Therefore, information shared by CSSE is accurate.**

**(2) Compare and Contrast: Which dashboard is more effective at relaying the information? And why? What sources did you use to answer this question?**

**a) Your answer should consist of 2 similarities and 2 areas that are different between the sites**.

As per my analysis, the CSSE dashboard is more effective as compared to the WHO platform. The foremost reason is CSSE provide all the filter and function in one webpage view while the WHO web platform uses a scrolling function to familiarize with the information. I used a different UI interface trend website to get the latest trends in UI. Using this analysis CSSE uses a more attractive and easy-to-understand design idea to convey the information.

Similarities between two sites: -

1. **Both the site uses the latest updated covid information in the total number of covid cases related categories and also provide a piece of vaccination information in every country.**
2. **Both websites mostly use a combination of map and bar graph for visualization. Also, they use filtration with a dropdown menu, filter with categories, and so on.**

**Difference between two websites: -**

1. **WHO dashboard uses a white theme with the use of Blue and White colour. While CSSE uses a dark theme with a combination of a black and red theme.**

**(2) CSSE provides a function to show the last 28 days data with categories with month while WHO provide the flexibility to view a graph with different duration and use different types of graphs.**

**(3) How would you design a dashboard to display this information? What would you do differently? What tools would you use?**

To begin with, I consider all the variables and data that would be required to display in the dashboard and categories those data in different types to share information in a good manner.

For creating this dashboard, I will select a more appropriate chart type for all the categories and combine information for getting hidden insights from the raw data. I will frame simple and easy to under stable title for the users. And I will follow the user's view trend to visit all the parts connect with all the sections and make a web ride view for the users.

For creating a unique dashboard, I will use a simple and more appropriate colour combination to easily engage viewers with my dashboard. I will provide a well-organized filter option to get specific information using simple and short steps. Also, I will use the highlighting and shadow function to attract user direction towards the important information. Using a well-organized chart type is also important for every different type of dataset and I consider this point while creating the dashboard. Last but not the least, I will show all the main numeric values in the top location of the dashboard for example total cases, total death, active cases, and so on.

For creating this dashboard, I will use Tableau and tableau unique libraries functions. This software helps to fulfil all the requirements for creating an informative and unique dashboard.

Answer:1![Chart, bar chart

Description automatically generated]()

Answer: 2

![A picture containing calendar

Description automatically generated]()

Answer: 3

![Chart, bar chart, waterfall chart

Description automatically generated]()