Overall design choice:

I used Power Bi as visualization tool. Now I am really a fan of Power Bi. I used the COVID-19 worldwide dataset. Lets go through each visualization and understand it.

[1] Stacked bar chart

Data source used for this visualization is owid-covid-data (Covid-19 worldwide dataset) [1]. This graph represents Total cases and total deaths by continent.

Color pallets used-

Green – Total cases by continent.

Blue – Total Deaths by continent.

[2] Pie chart

Data source used for this visualization is owid-covid-data (Covid-19 worldwide dataset) [1]. This graph represents population by continent.

Color pallets used-

Yellow – Population in Asia

Purple – Population in Africa

Red – Population in Europe

Sky blue – Population in North America

Orange – Population in South America

Black – Population in Oceania

[3] Stacked bar chart

Data source used for this visualization is owid-covid-data (Covid-19 worldwide dataset) [1]. This graph represents Total cases and total deaths by country. Used filters to clear graphs. Changed the color combinations for uniformity of dashboard.

Color pallets used-

Green – Total cases by country.

Blue – Total Deaths by country.

[4] Area chart

Data source used for this visualization is owid-covid-data (Covid-19 worldwide dataset) [1]. This graph represents Hospital beds per thousand by continent. Used filters to clear graphs. Changed the color combinations for uniformity of dashboard.

Color pallets used-

Yellow – Population in Asia

Purple – Population in Africa

Red – Population in Europe

Sky blue – Population in North America

Orange – Population in South America

[5] Stacked area chart

Data source used for this visualization is owid-covid-data (Covid-19 worldwide dataset) [1]. This graph represents Total deaths and new cases worldwide. Changed the color combinations for uniformity of dashboard.

Color pallets used-

Green – Total cases worldwide.

Blue – Total deaths worldwide.

[6] Line and clustered column chart

Data source used for this visualization is owid-covid-data (Covid-19 worldwide dataset) [1]. This graph represents Total deaths due to Diabetes, Cardioverts and COVID-19. Changed the color combinations for uniformity of dashboard.

Color pallets used-

Red – Total deaths due Diabetes by country.

Blue – Total deaths due Cardioverts by country.

Blue – Total deaths due COVID-19 by country.

Reference-

[1] covid-19-data/public/data at master · owid/covid-19-data · GitHub