We are using Plotly and dash for our visualization. Below are some useful links for the same.

**Please watch this tutorial before starting**

Useful Dash video tutorial - <https://www.youtube.com/watch?v=WBiMeRD5yXk&t=647s>

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Dash App Gallery - <https://dash-gallery.plotly.host/Portal/>

Dash App Gallery GitHub - <https://github.com/plotly/dash-sample-apps/tree/master/apps>

Dash App gallery World Clock GitHub - <https://github.com/plotly/dash-world-cell-towers>

Please check the code given in <https://github.com/plotly/dash-sample-apps/tree/master/apps/dash-opioid-epidemic>.

I have created a similar code for ou project. In this link, they are getting the state based on the

user click on Plotly graph. We have to do something similar.

In their example, they are taking the USA map, our code is for World map. They get the clicked

state based on the latitude and longitude. We will have to develop a similar logic to get the country selected based on the latitude and longitude.

Also, I tried to take the same layout as that mentioned in the link, but it was giving me some error. Maybe I did not debug it properly. Please if possible can someone look into the layout issue and the country value based on the click issue so that we can submit a good solution.

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Code reference used in our project

Dashboard - <https://towardsdatascience.com/building-covid-19-analysis-dashboard-using-python-and-voila-ee091f65dcbb>

GitHub - <https://github.com/dswh/voila-covid-19-dashboard/blob/master/notebooks/covid_19_dashboard.ipynb>

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