Task B - Let's Bring it Back!

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1. Number of new COVID 19 cases of the top countries in 2020

The objective of this visualization is to show how fast COVID 19 has spread in 2020. Using Rose Chart, we can compare easily number of cases of each country in the same time period (monthly), and also how fast COVID 19 spreads after each month.

Dataset [1]: Each row contains the number of new confirmed cases of each region on a specific day. The "Last Update" column is parsed to extract month and year value. Then we perform summation over "Confirmed" column, grouped by "Country/Region" and "month" to get the final result.

We used the python *pyplot* library to draw the rose chart. We can zoom in by hold the left-click button and drag over a small area to view small values. The dish can also be rotated so we can easily view the values.
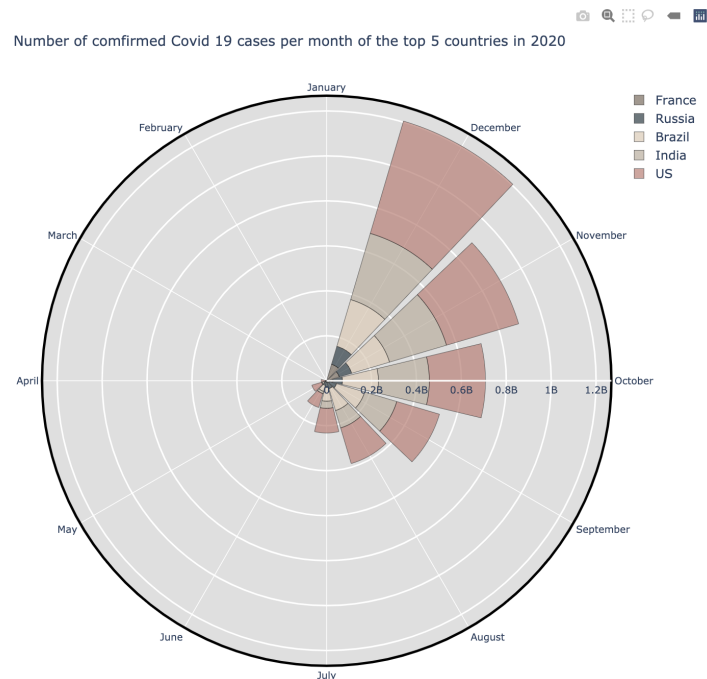
Visualization [2]:

Figure 1. Rose chart visualization

[1] ⟨https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset⟩
[2] ⟨https://thanhtunge6.github.io/D3-project/python_viz/covid_19.html⟩