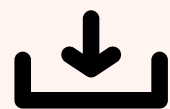


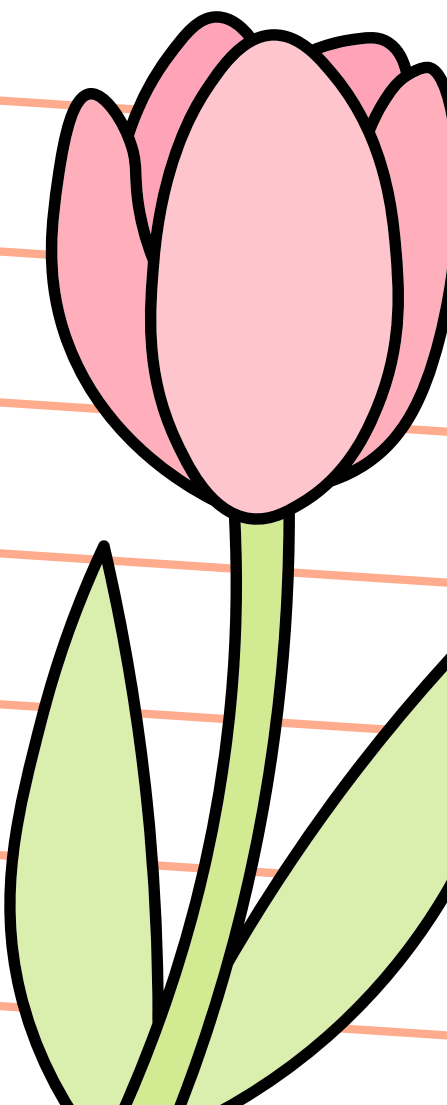
COVID 19 VACCINATION PROGRESS



By Bria James

OBJECTIVE

The objective of my project is to take a look and examine global Covid 19 vaccination data to discover trends, patterns, and insights about vaccination efforts all over the world. By looking at factors such as different countries, total vaccinations, and daily vaccinations, I will be able to find out what countries are leading in vaccination data, what areas might need to be looked at for improvement, and see the progress that vaccinations have made throughout time

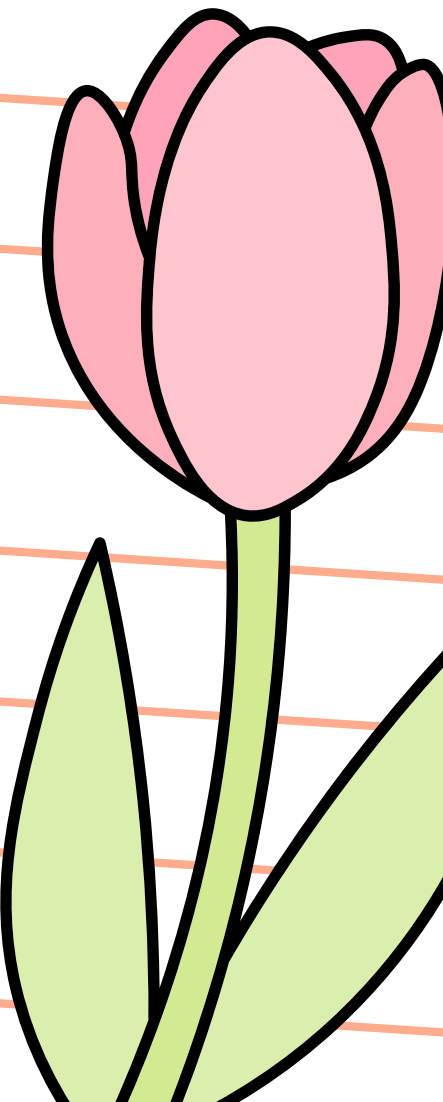


INTRO!

- The dataset used in this analysis contains information on COVID-19 vaccinations from various countries, including metrics such as total doses administered and daily vaccination rates.
- This dataset provides a unique opportunity to see how nations have tackled one of the biggest public health challenges in modern history

METHOD

- Missing values: forward and backward fill, imputing the median for missing values
- Dropped Columns
- Outliers and Validations
- Additional Cleaning

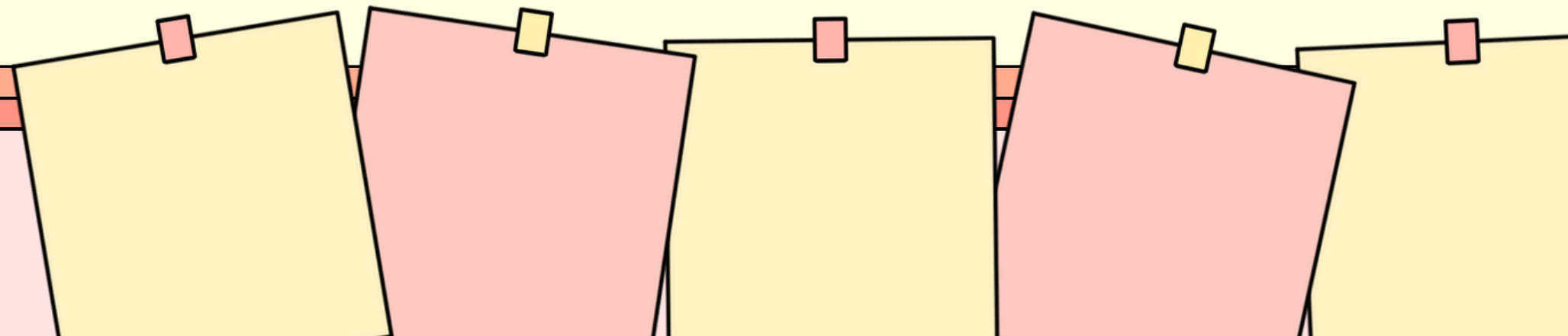
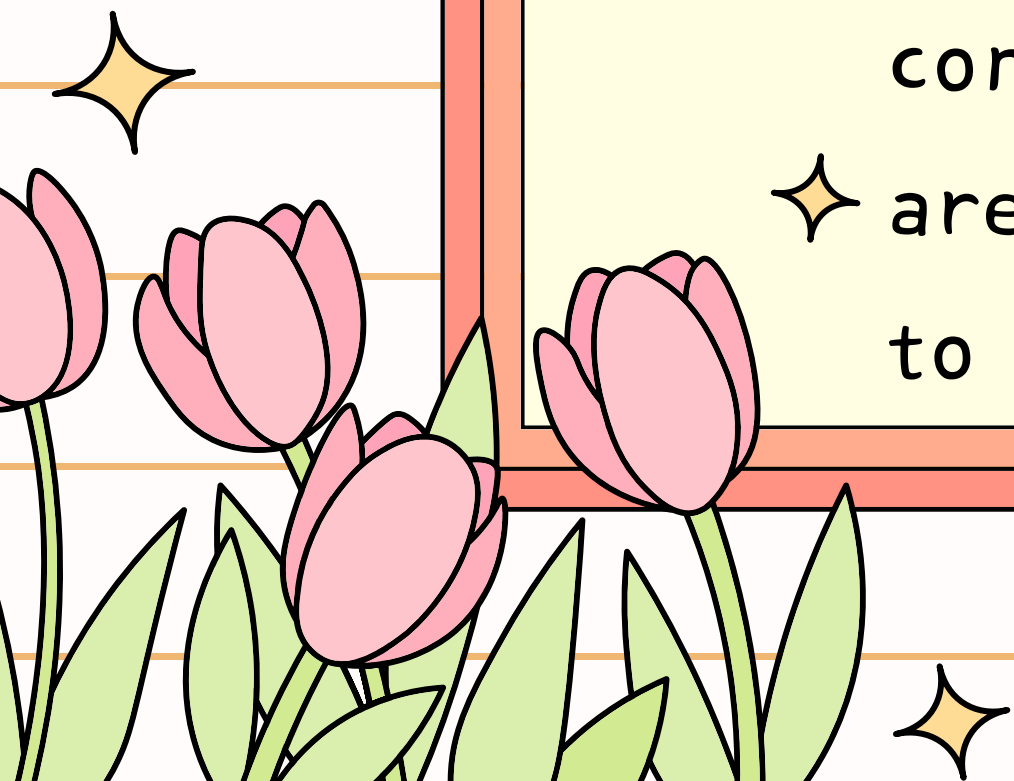
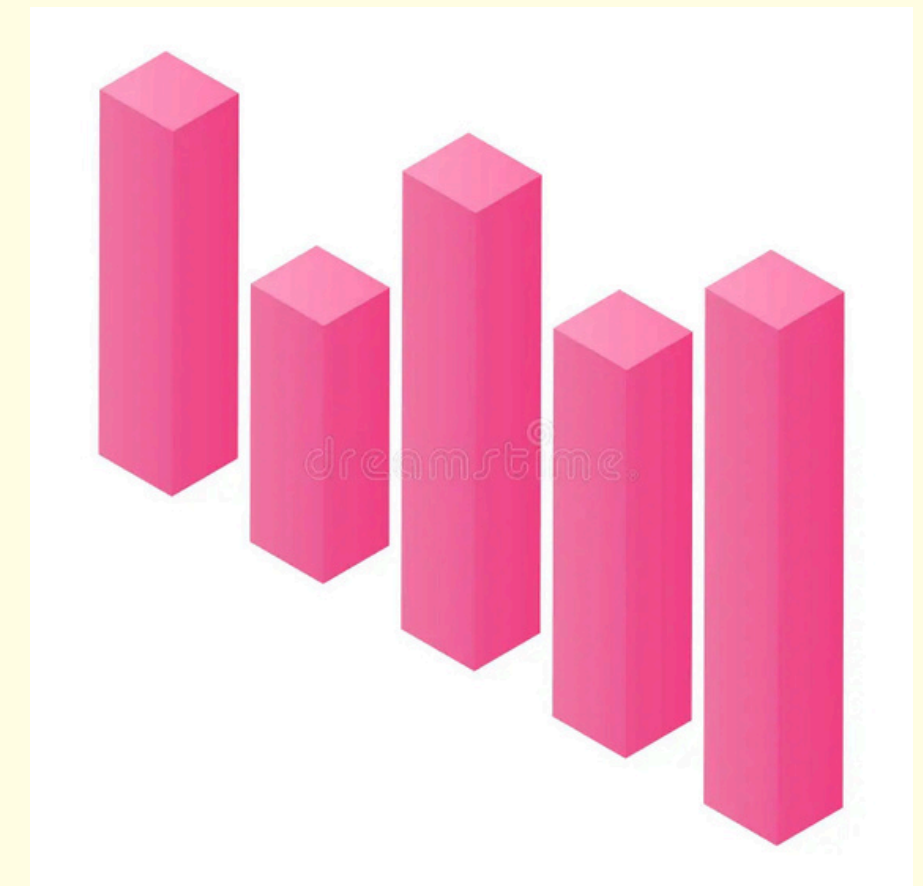


STORYTELLING!

Now I can examine some graphs that will help us better understand the trends and patterns in the vaccination data.

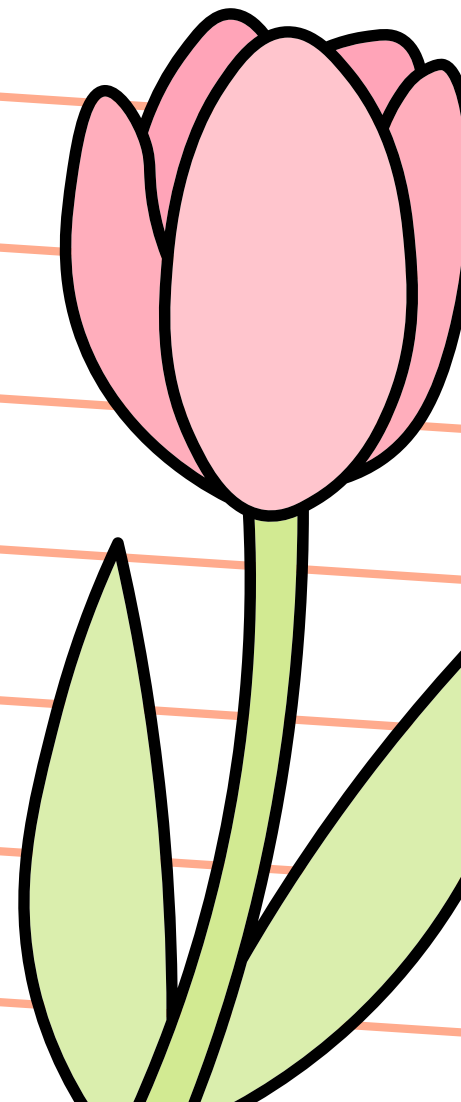
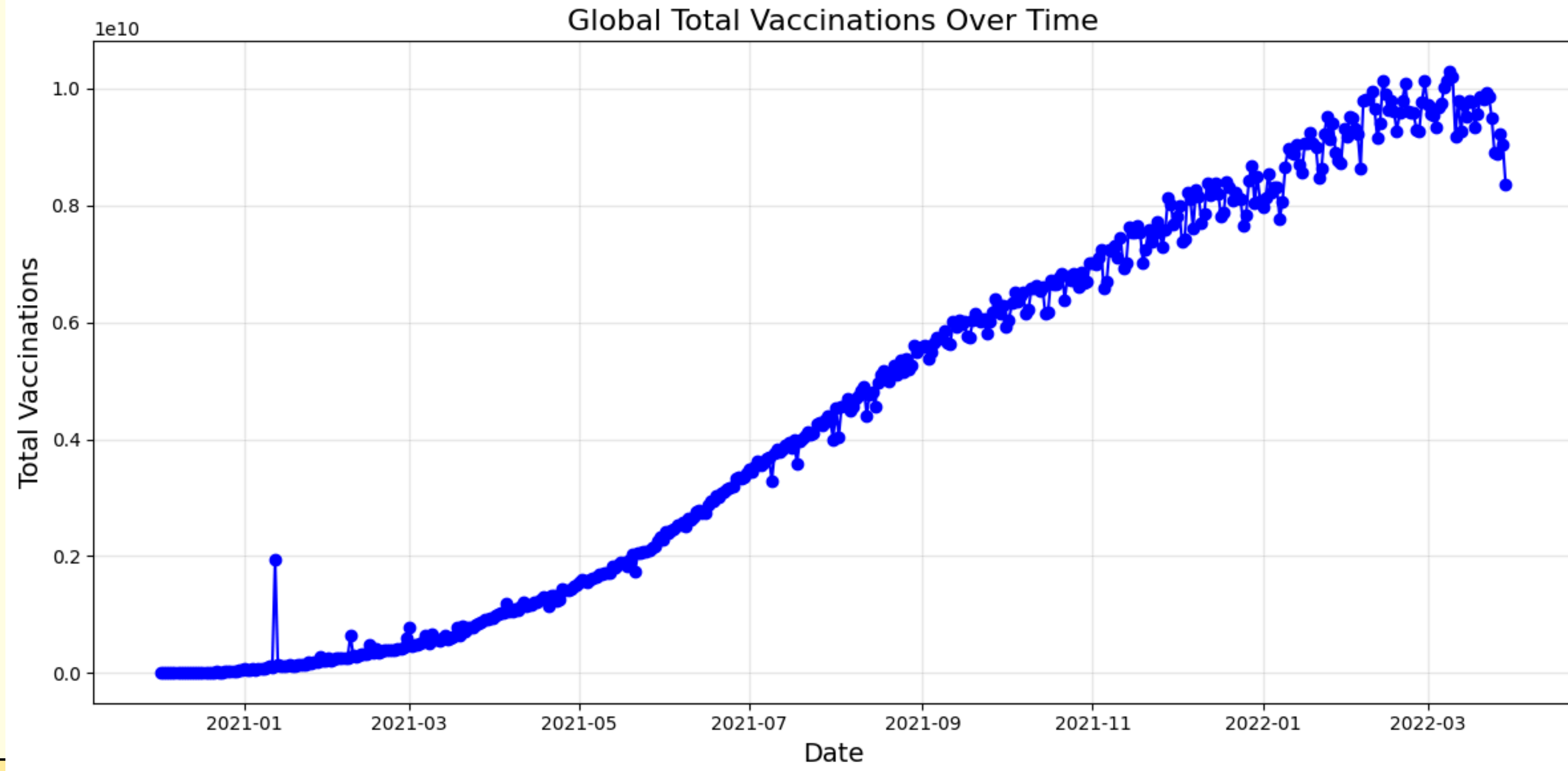
These visualizations provide a clear and concise way to interpret datasets that

✧ are otherwise too complicated and large to understand



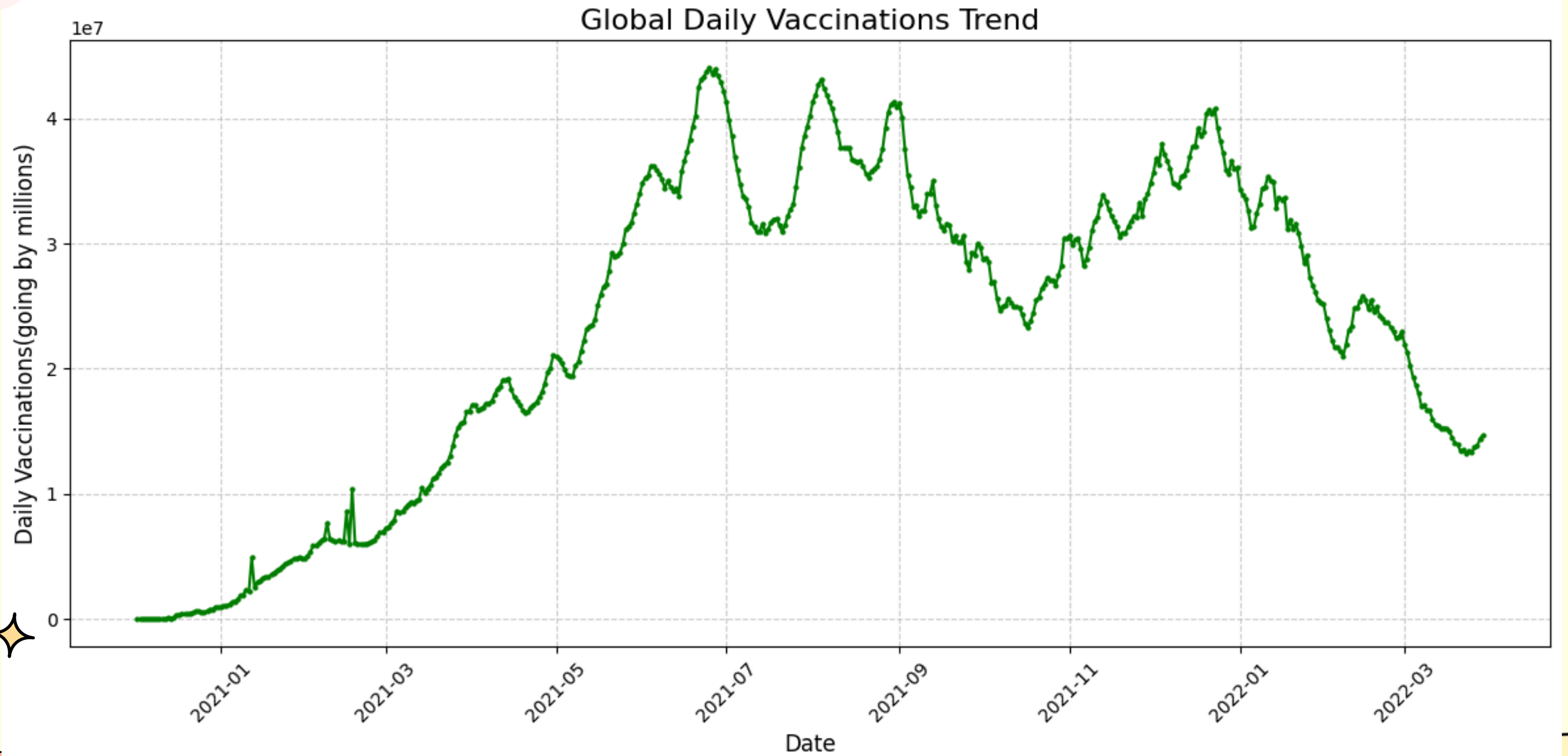
GRAPH

1



GRAPH

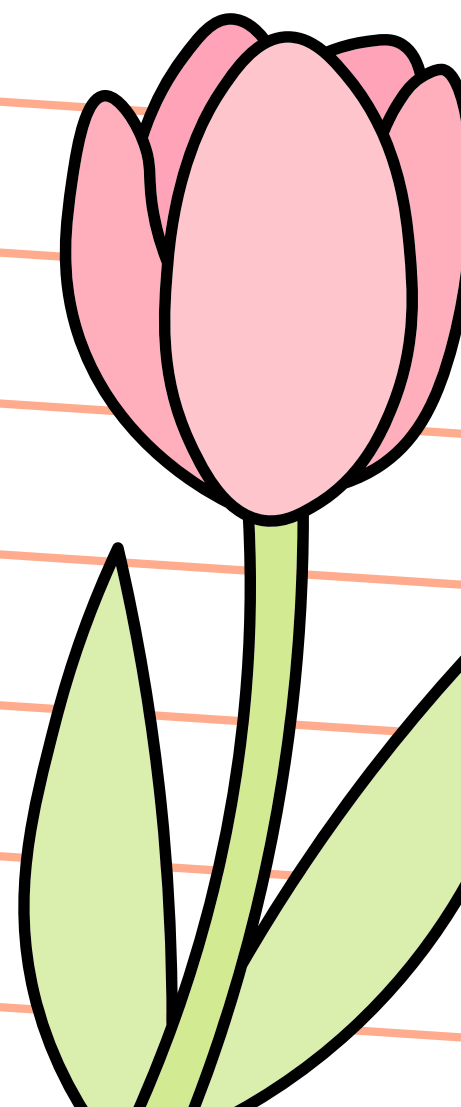
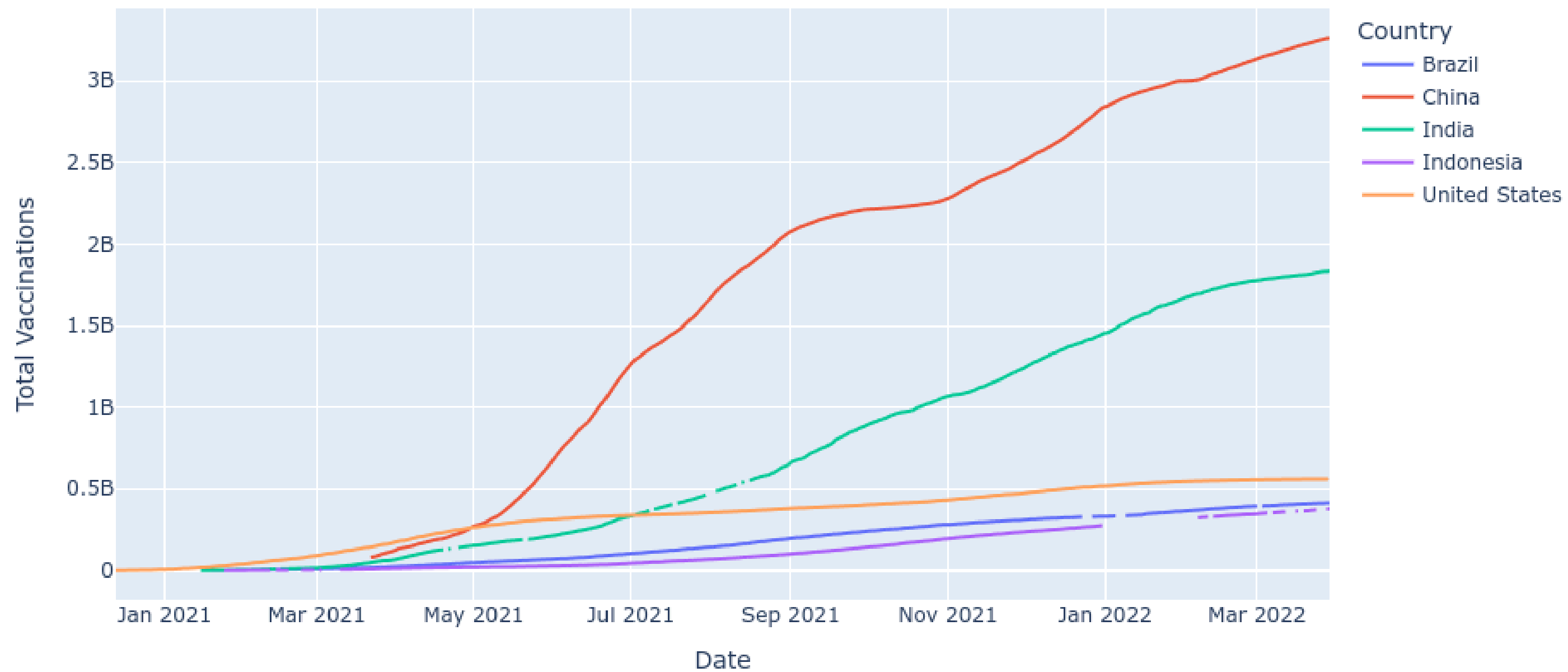
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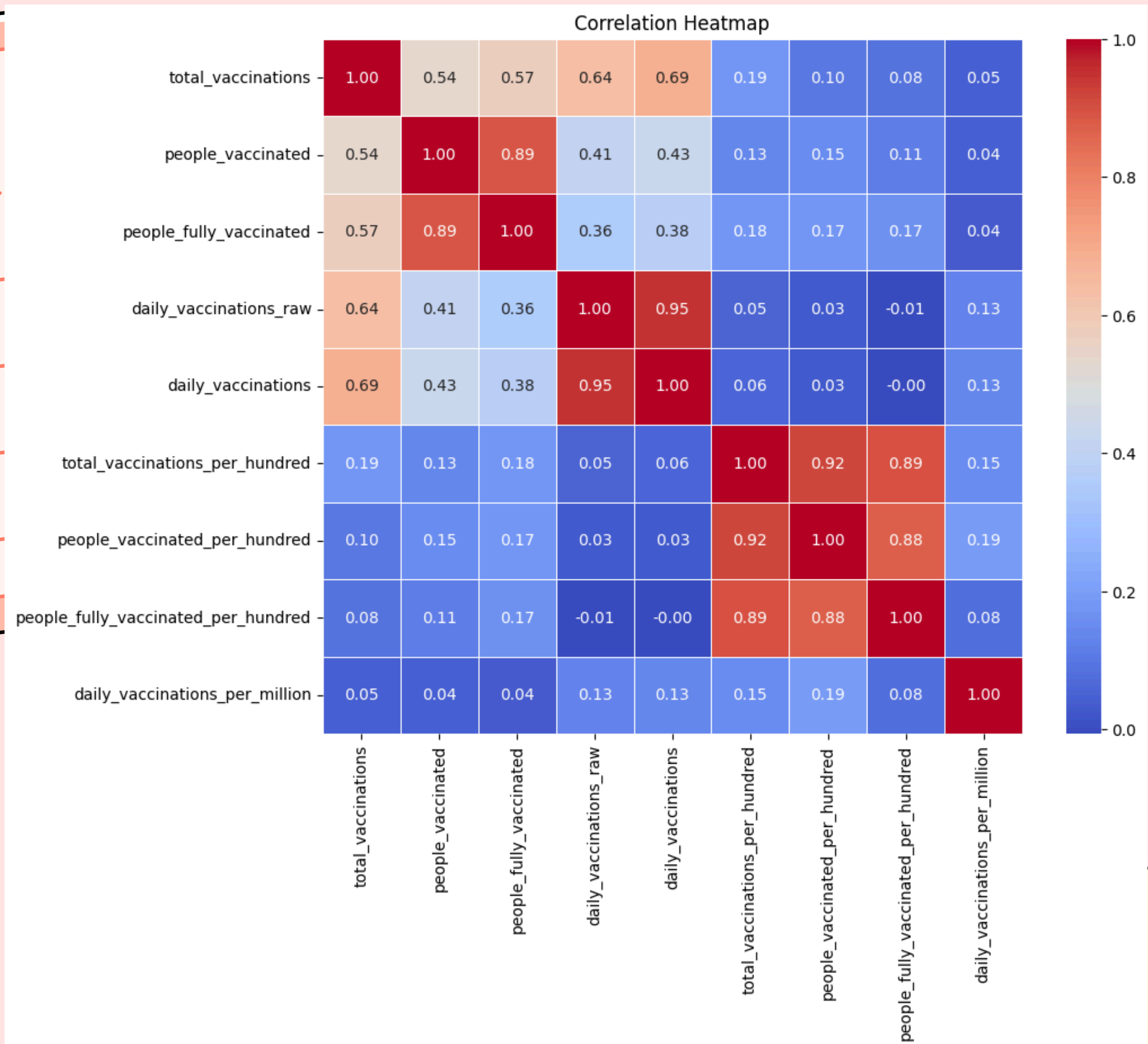
GRAPH

3

Top 5 Countries by Total Vaccinations Over Time



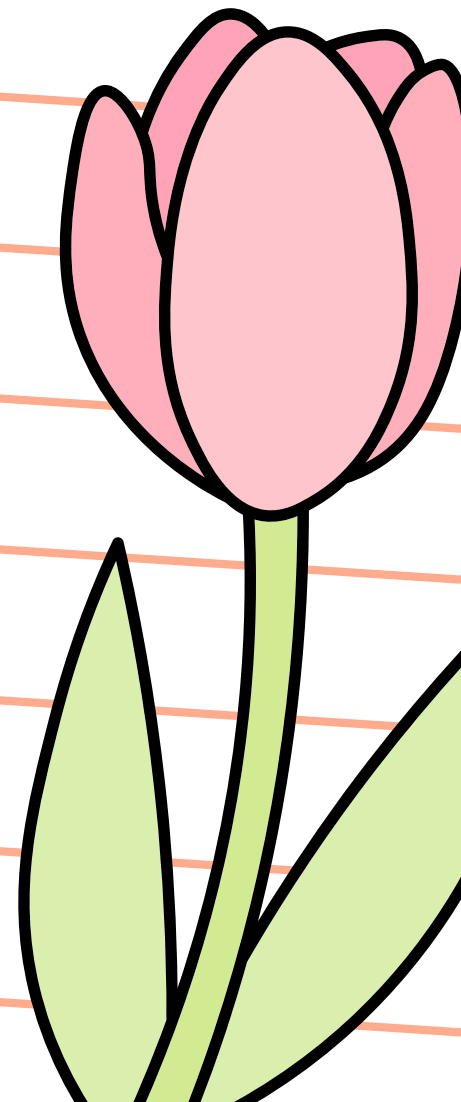
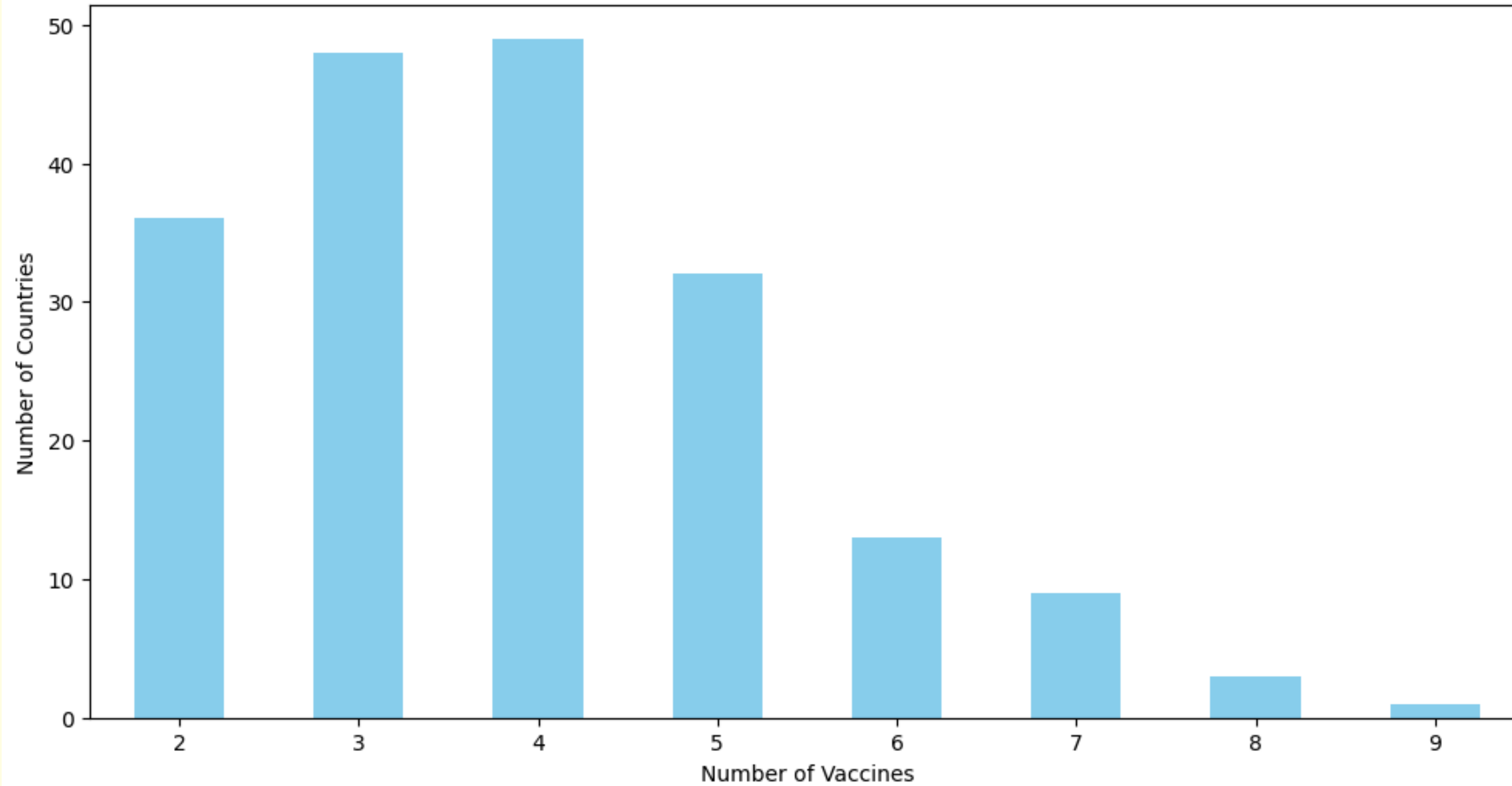
GRAPH 4



GRAPH

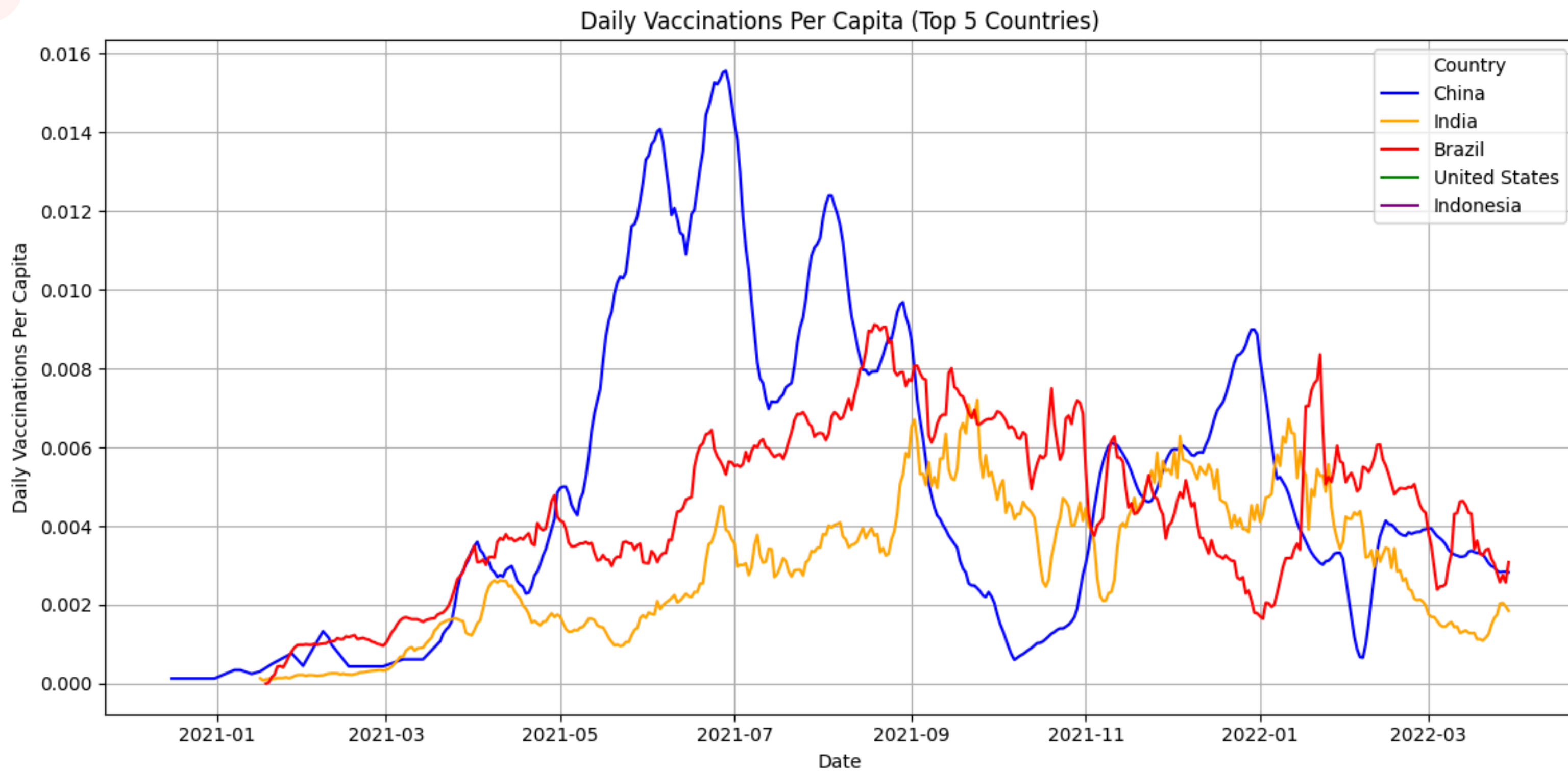
5

Countries Using Multiple Vaccines



GRAPH

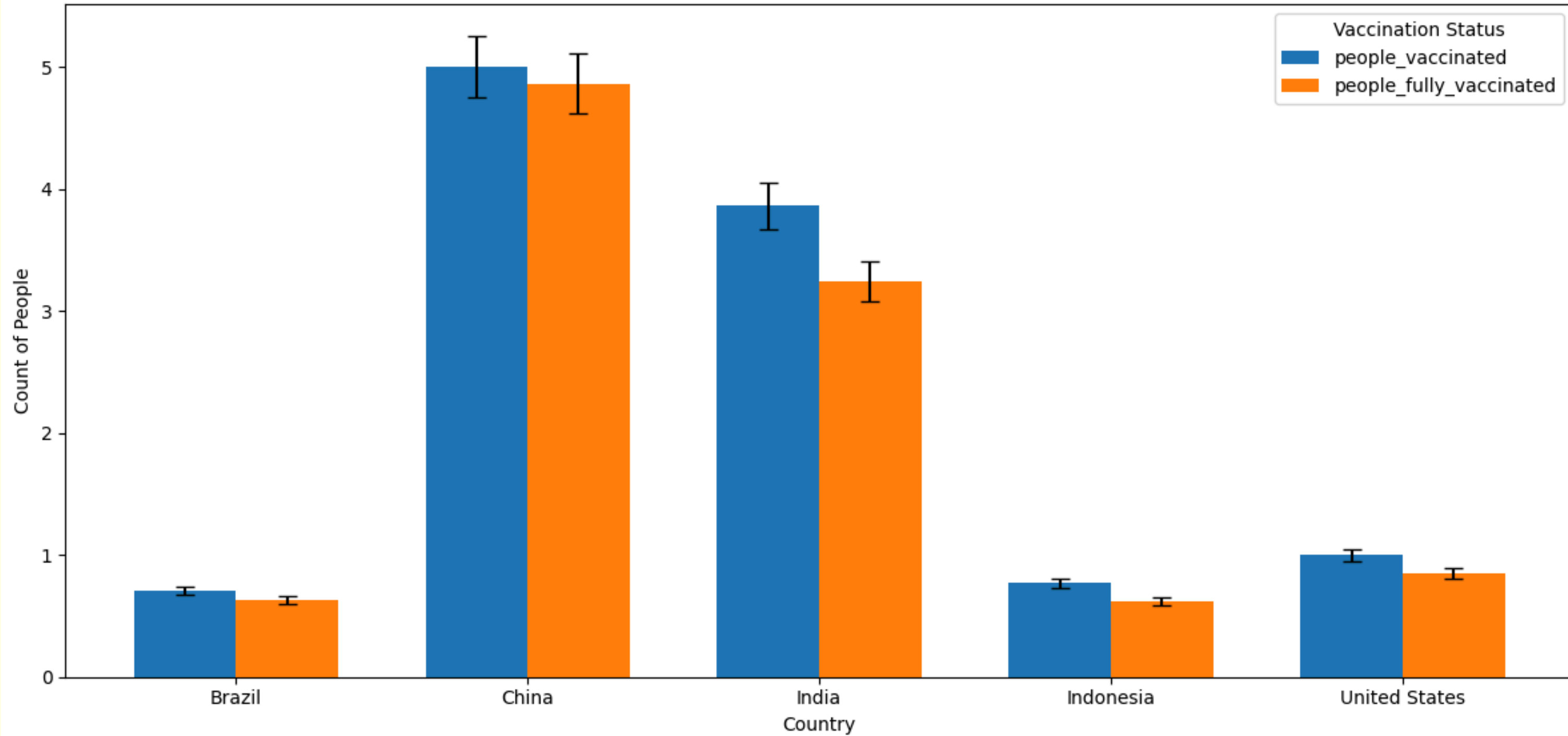
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GRAPH

7

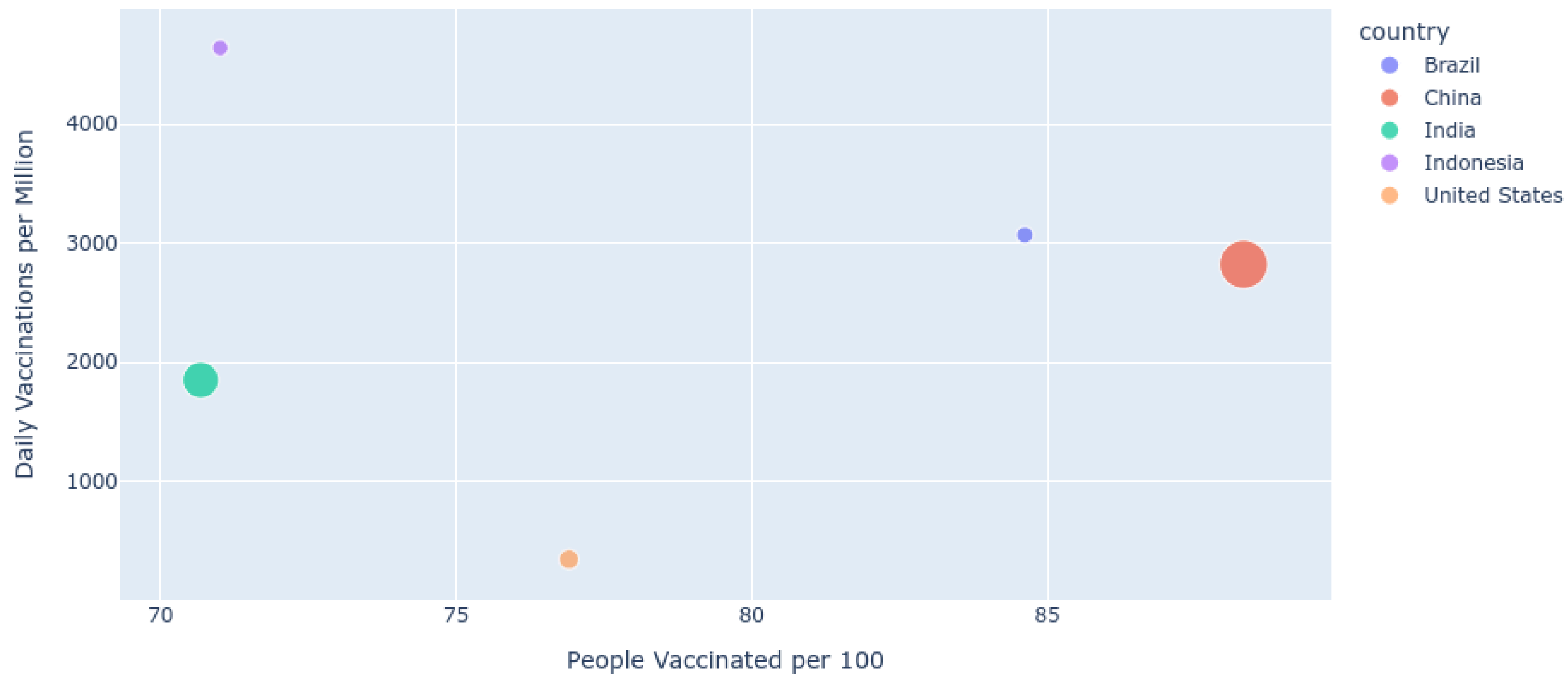
Comparison of People Vaccinated vs Fully Vaccinated



GRAPH

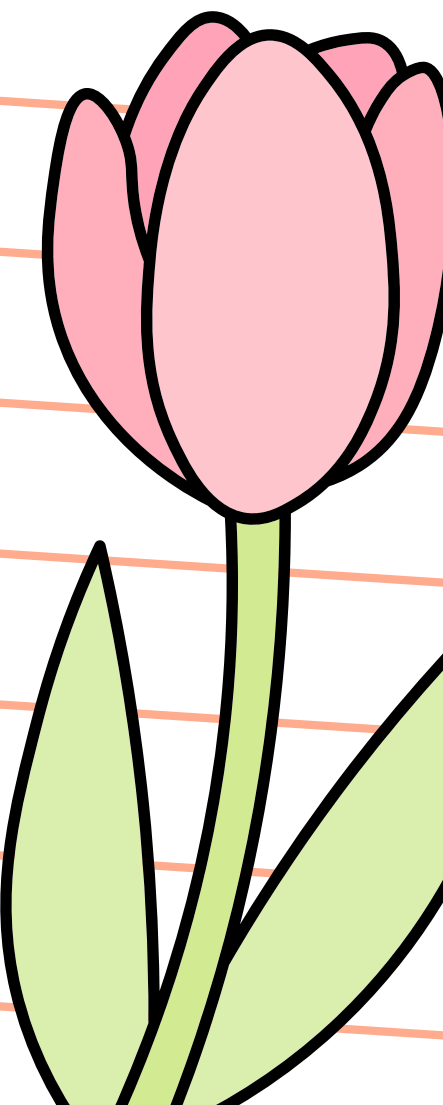
8

Vaccination Momentum: Daily Vaccinations vs Coverage



CONCLUSION

By examining metrics like total vaccinations, daily vaccination rates, and population coverage, I gained insights into how different countries have approached their vaccination rollouts. Countries like China and India demonstrated large-scale efforts to vaccinate their populations rapidly (especially since they are so large), while others, like Indonesia, highlighted steady momentum despite lower overall coverage





ACKNOWLEDGEMENT!

