**Vivek A**

Covid 19 Analysis

Data Analysis project

Problem Statement

Given data about COVID-19 patients, write code to visualize the impact and analyze the trend of rate of infection and recovery as well as make predictions about the number of cases expected a week in future based on the current trends.

- Use pandas to accumulate data from multiple data files.
- Use plotly (visualization library) to create interactive visualizations.
- Use Facebook prophet library to make time series models.
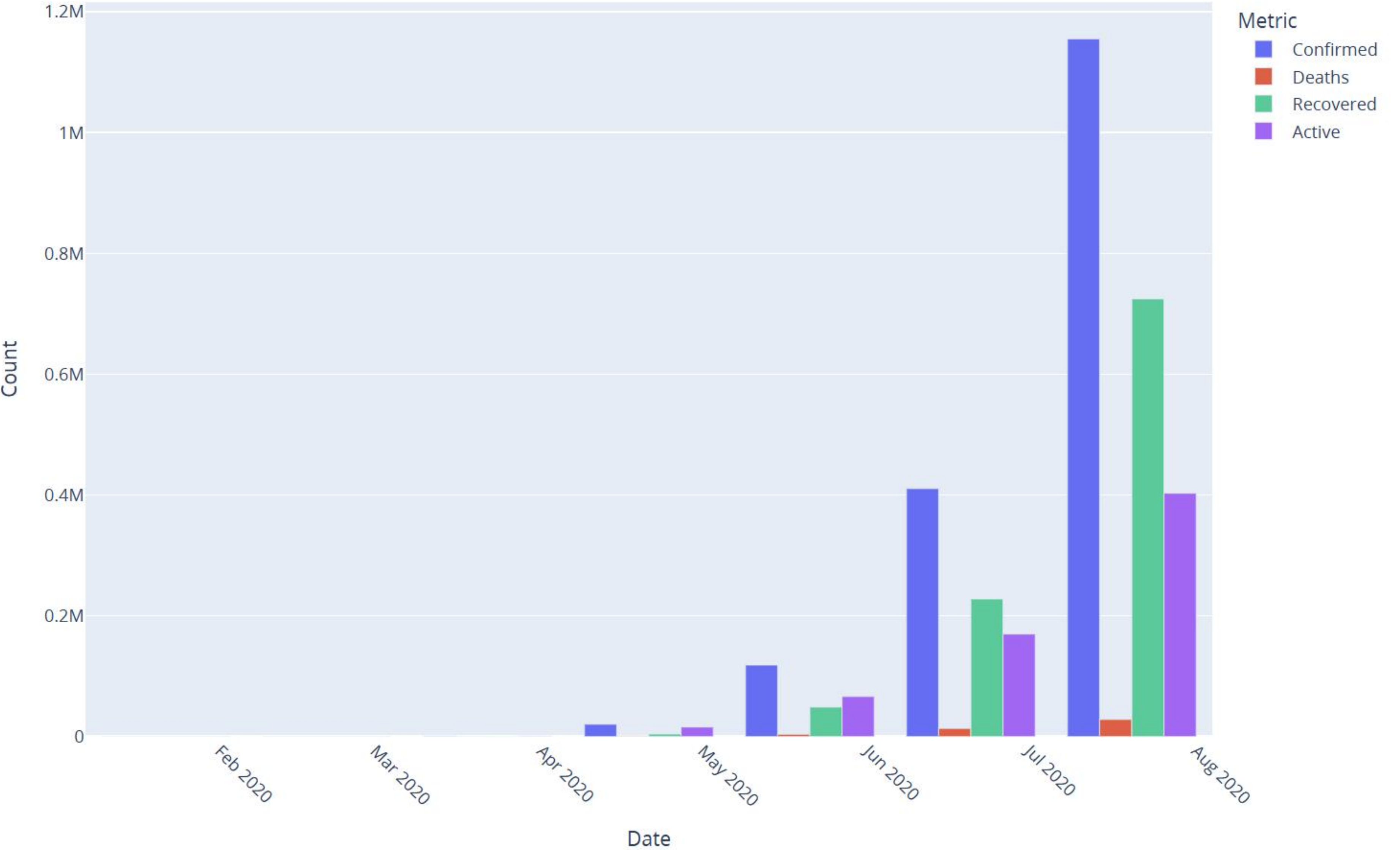- Visualize the prediction by combining these technologies.
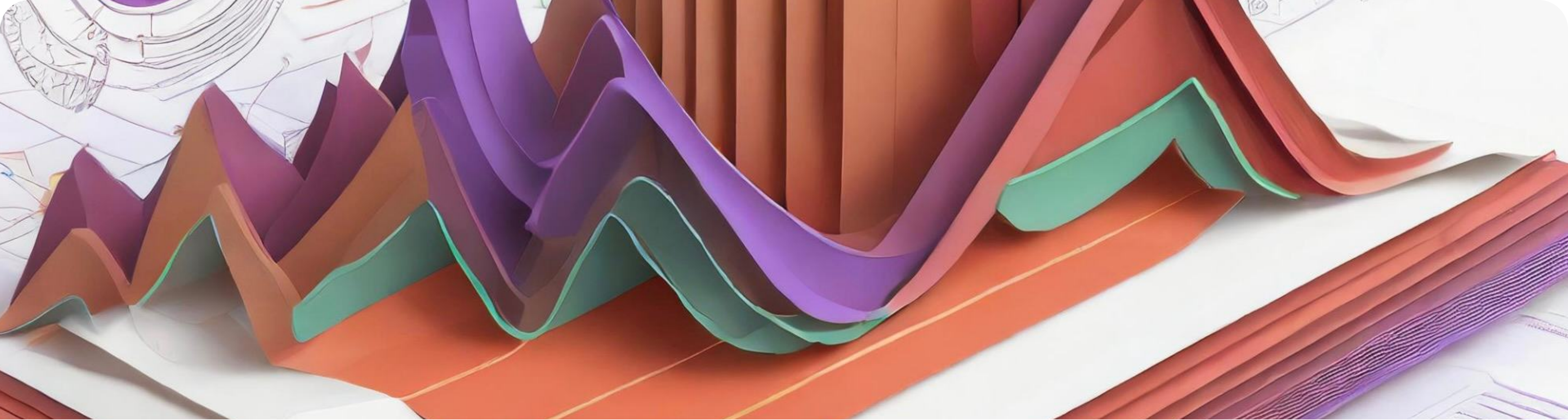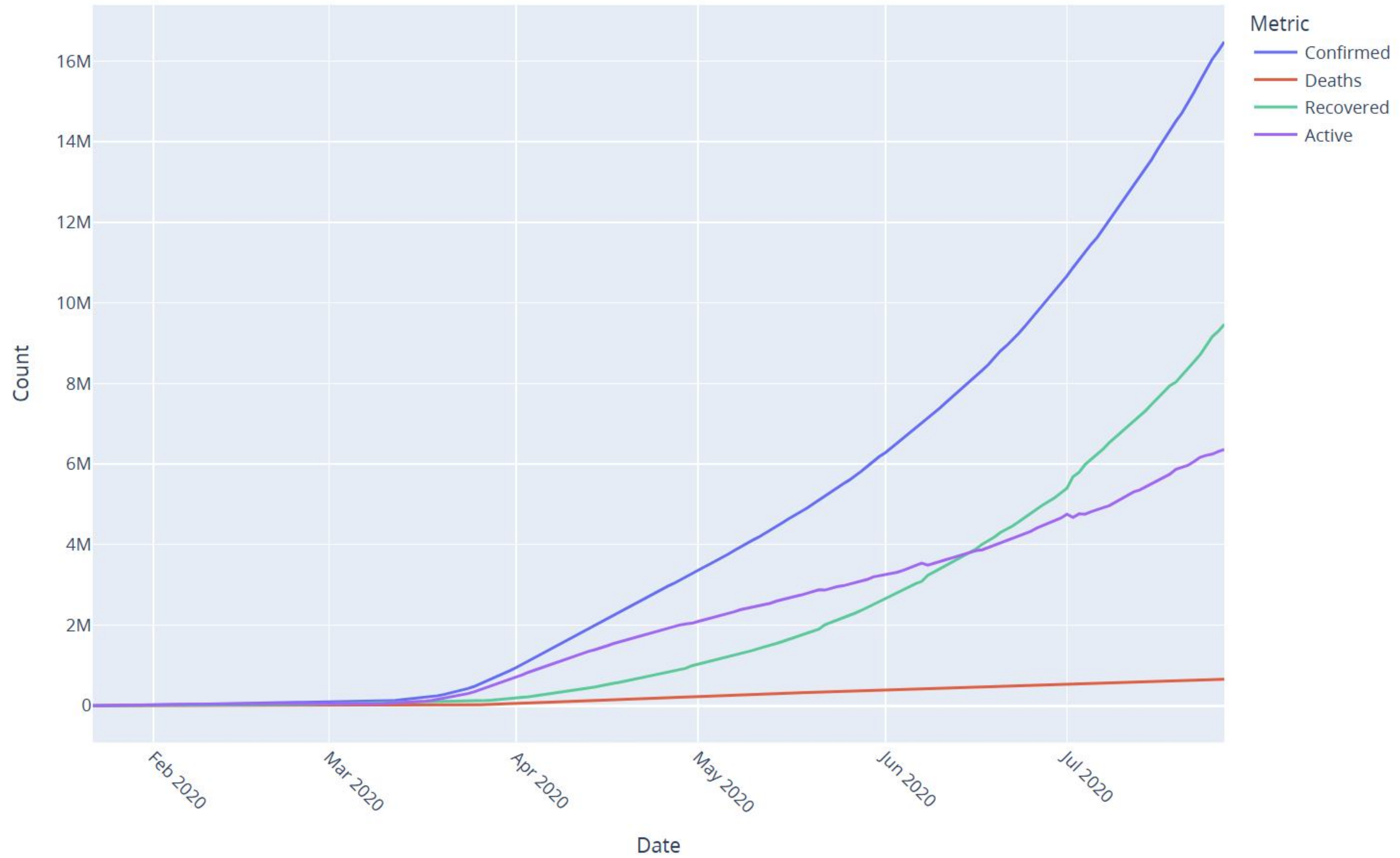
Data Analysis & Visualizations
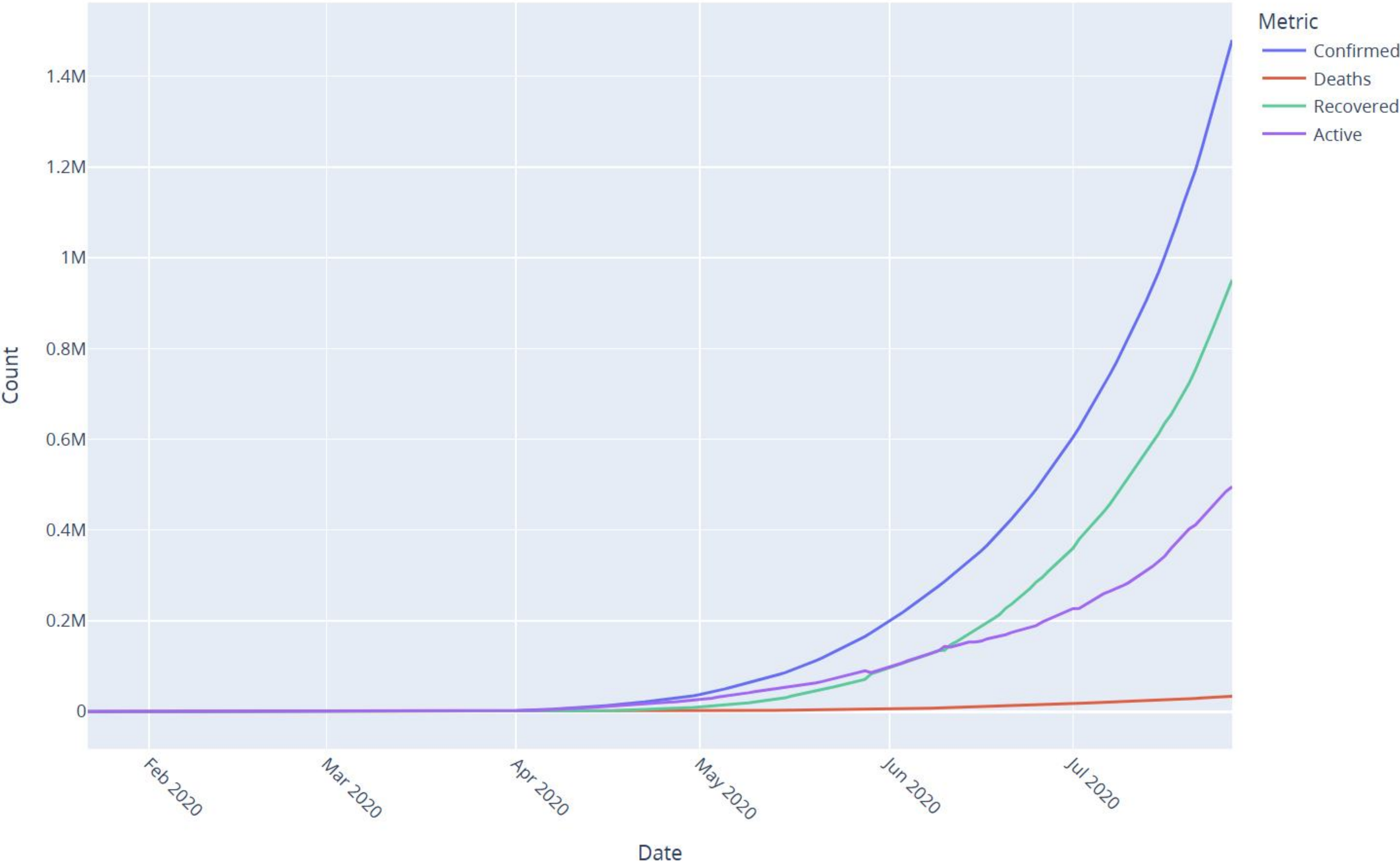
Global COVID-19 Metrics Over Time
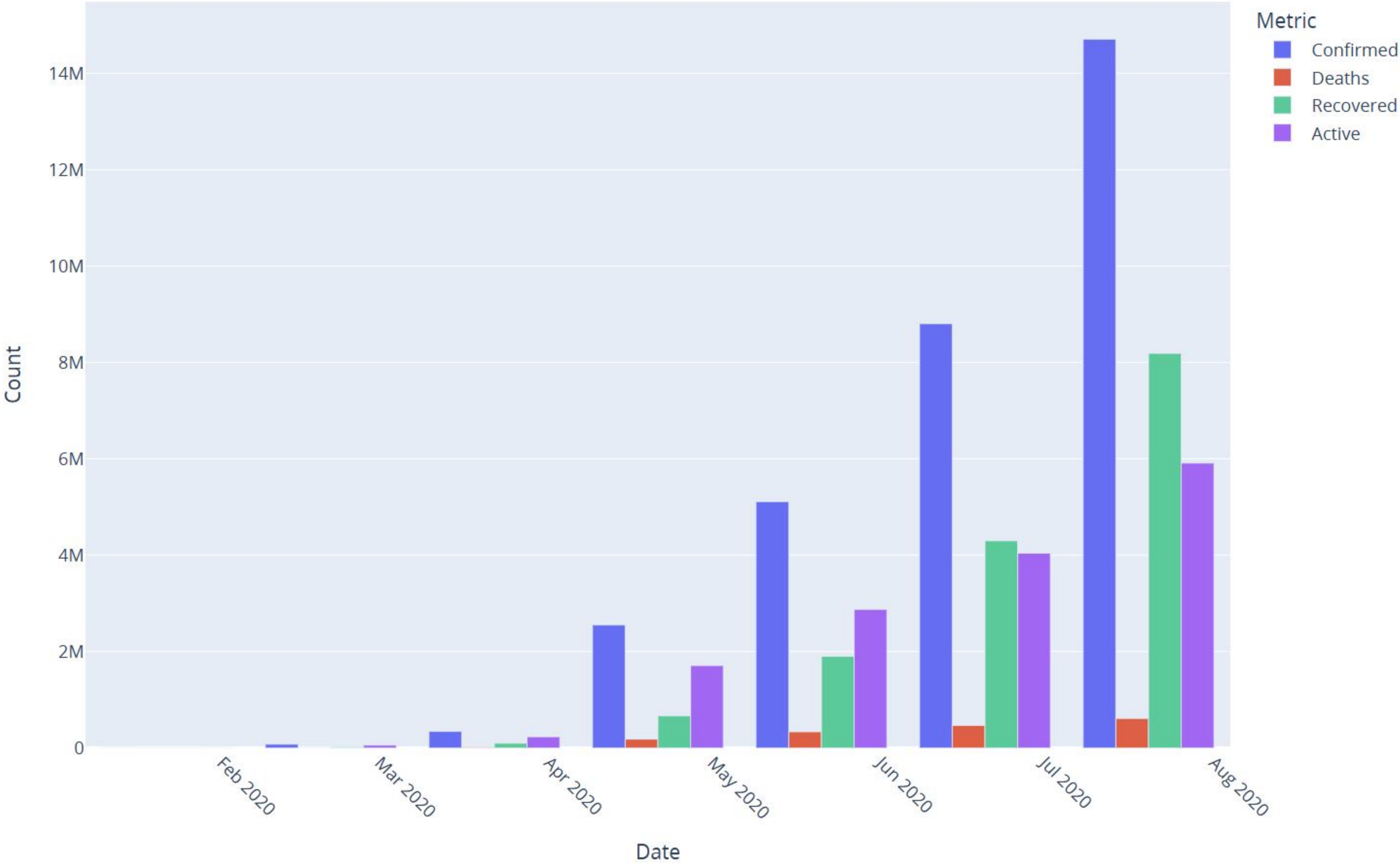
India COVID-19 Metrics Over Time

Global COVID-19 Metrics Over Time

India COVID-19 Metrics Over Time

Metric
- Confirmed
- Deaths
- Recovered
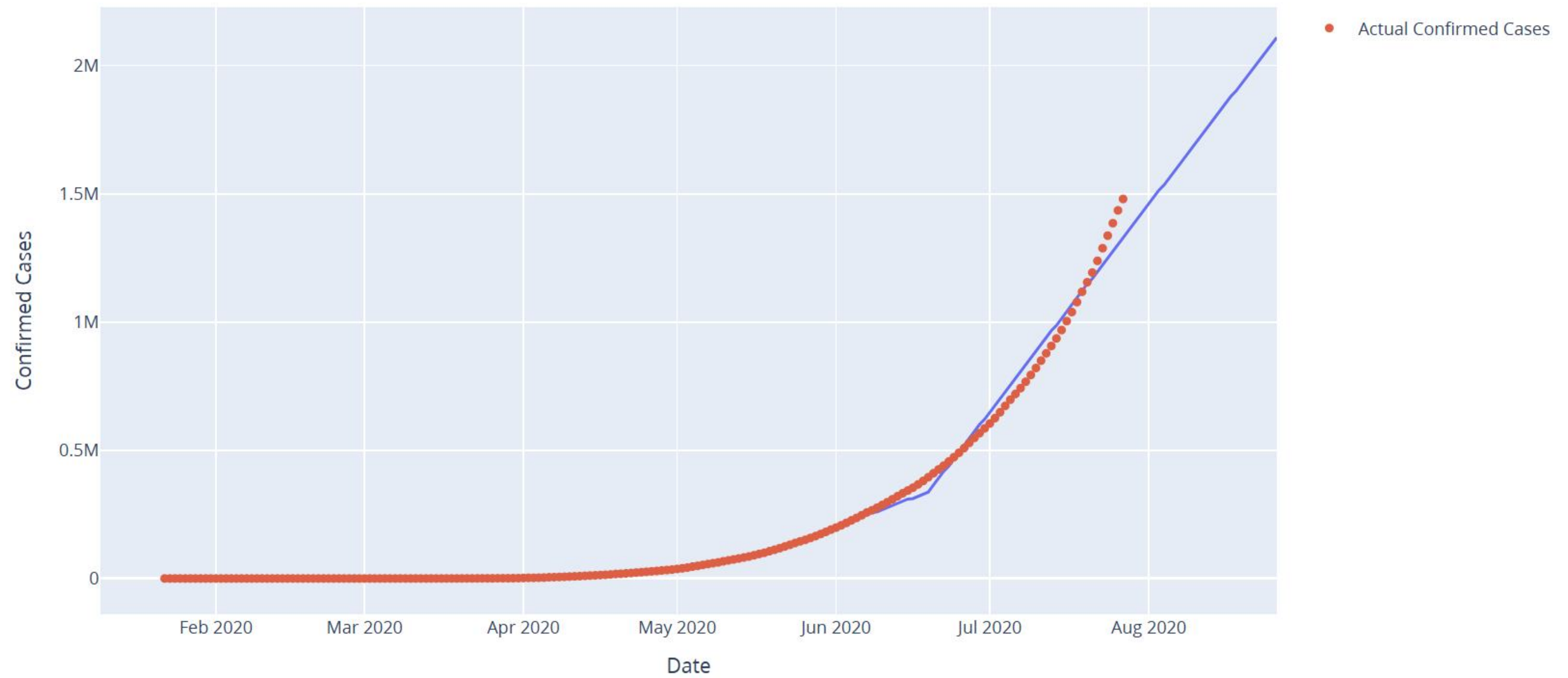- Active

Global COVID-19 Confirmed Cases Prediction
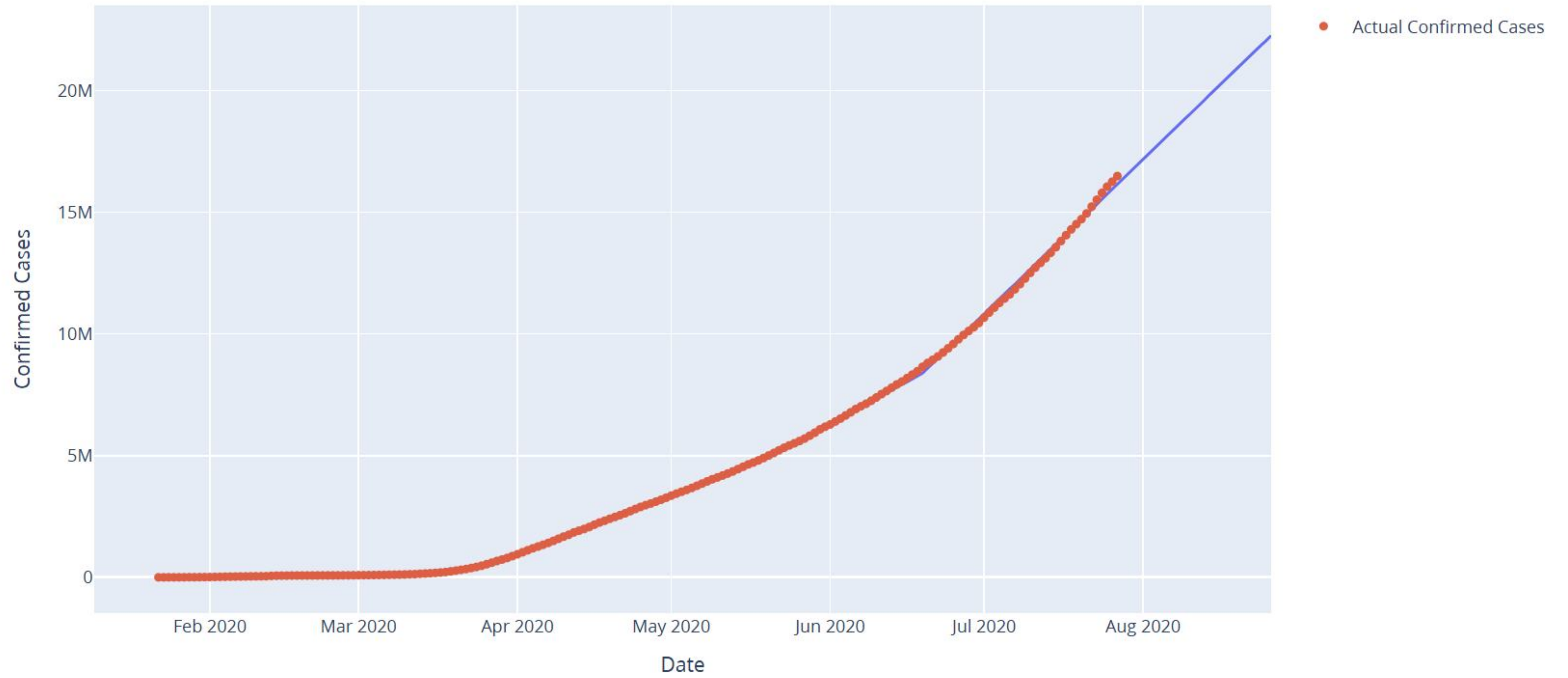
India COVID-19 Confirmed Cases Prediction for Next Month

Thanks

Thank you everyone who been with me with this journey.
Check the github repository for more info about the project