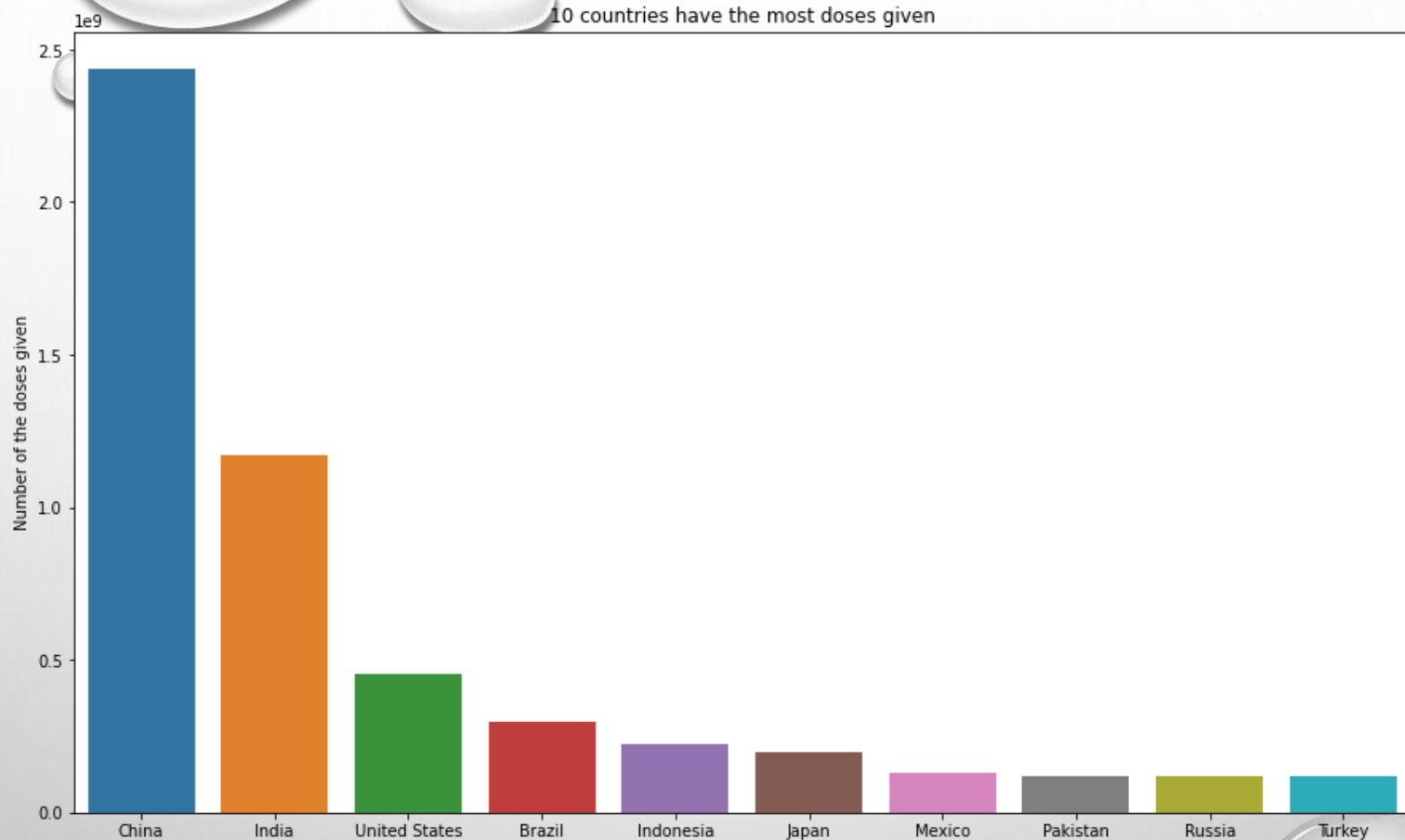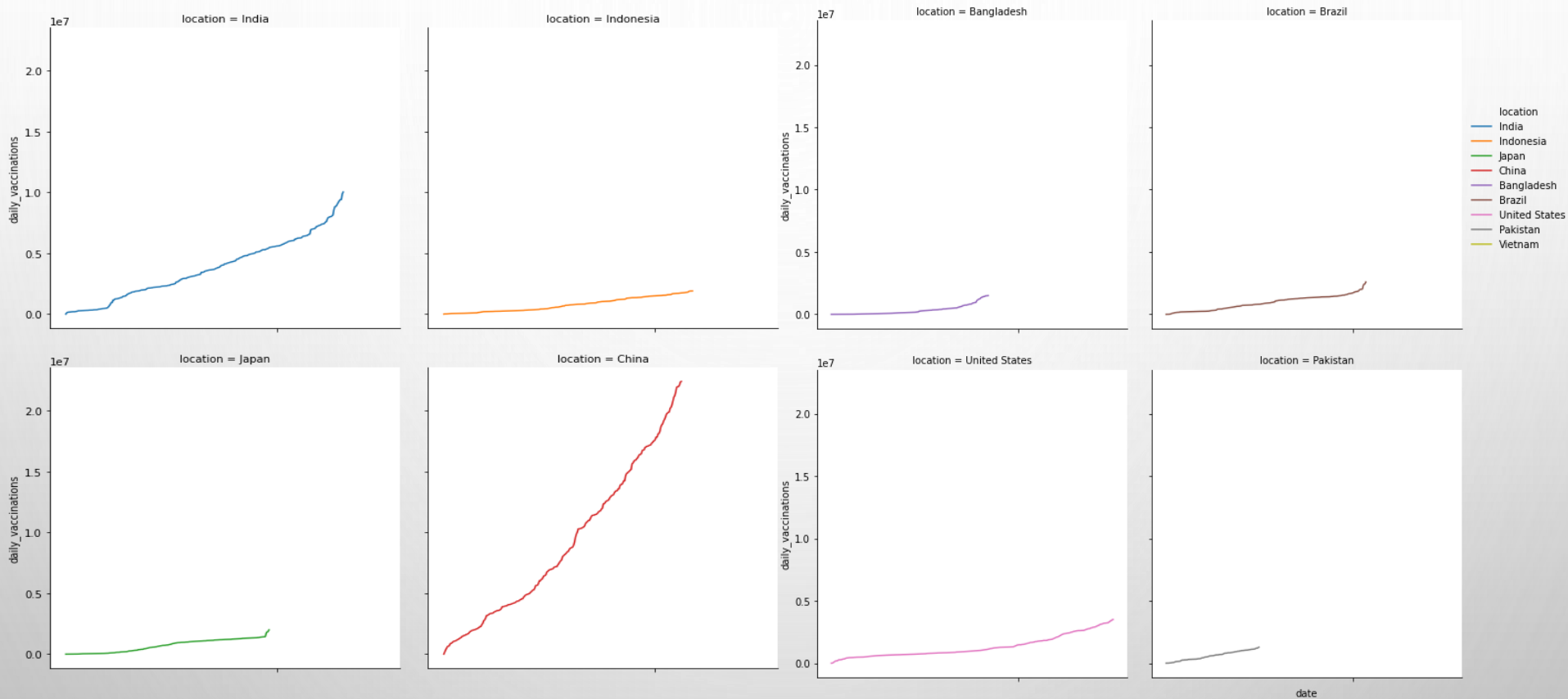# Countries which have the most doses given

10 countries have the most doses given

We can see the number of doses given is most correlated to the population of the country. The economy and technology power seems doesn't have a big influence.
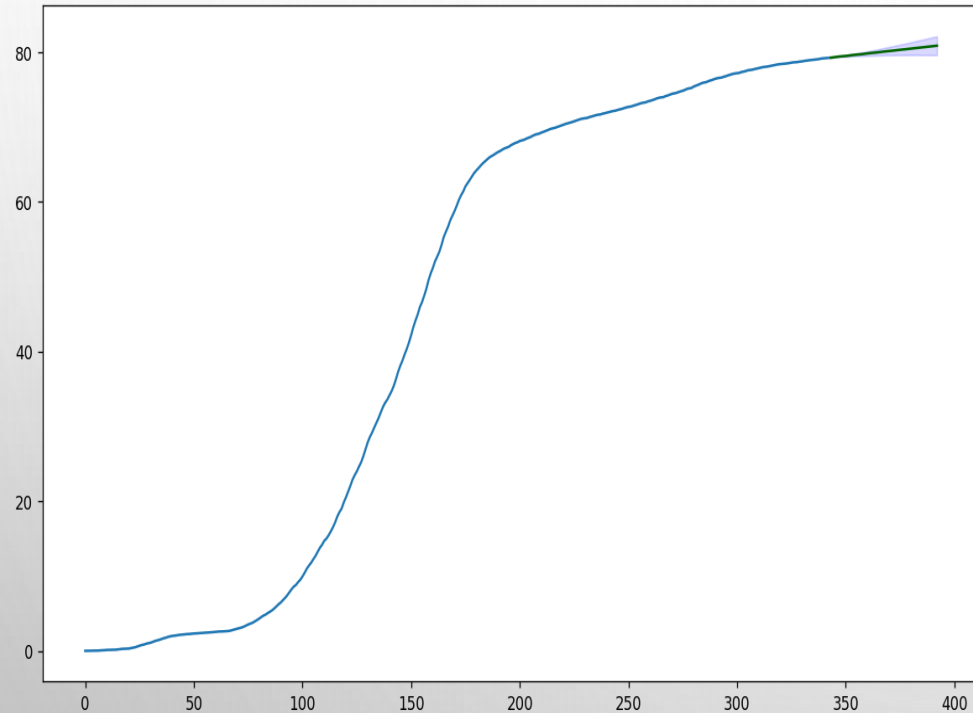
Progression in daily vaccinations over time

We can see that some countries like Pakistan, Bangladesh, Japan don 't have data of recent dates. I think maybe the data is lost or there is a shortage of vaccines in these countries. Another explanation which isn't really possible is that these countries have stopped vaccinating for a while . Most countries ' increasing trends of daily vaccinations are stable and slow, but China and India have faster growing speed. That may because they have larger population and more vaccinations are bought or manufactured.
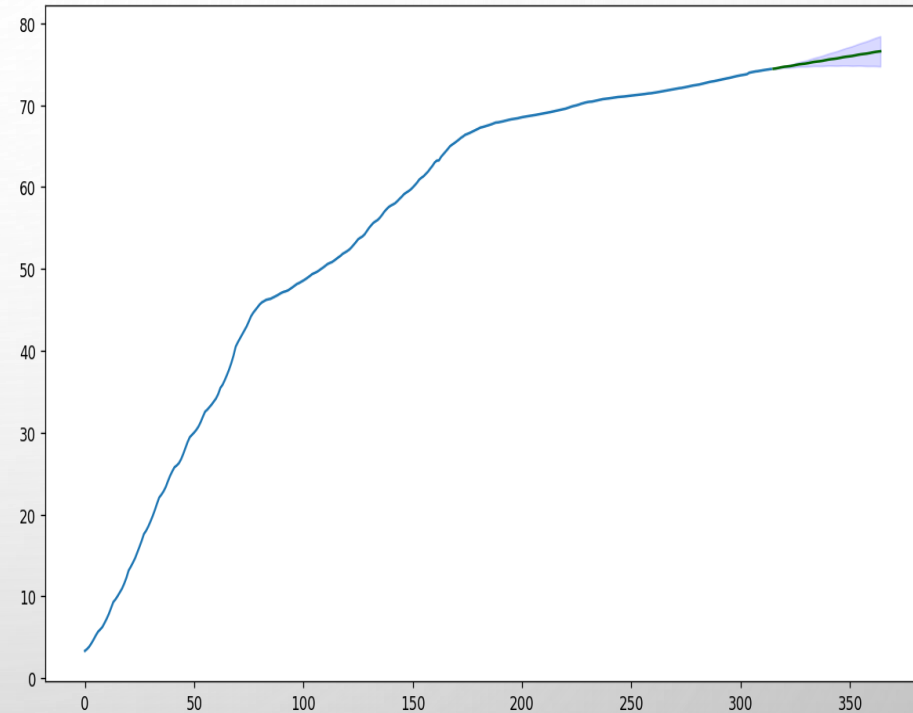
Prediction of vaccination rate
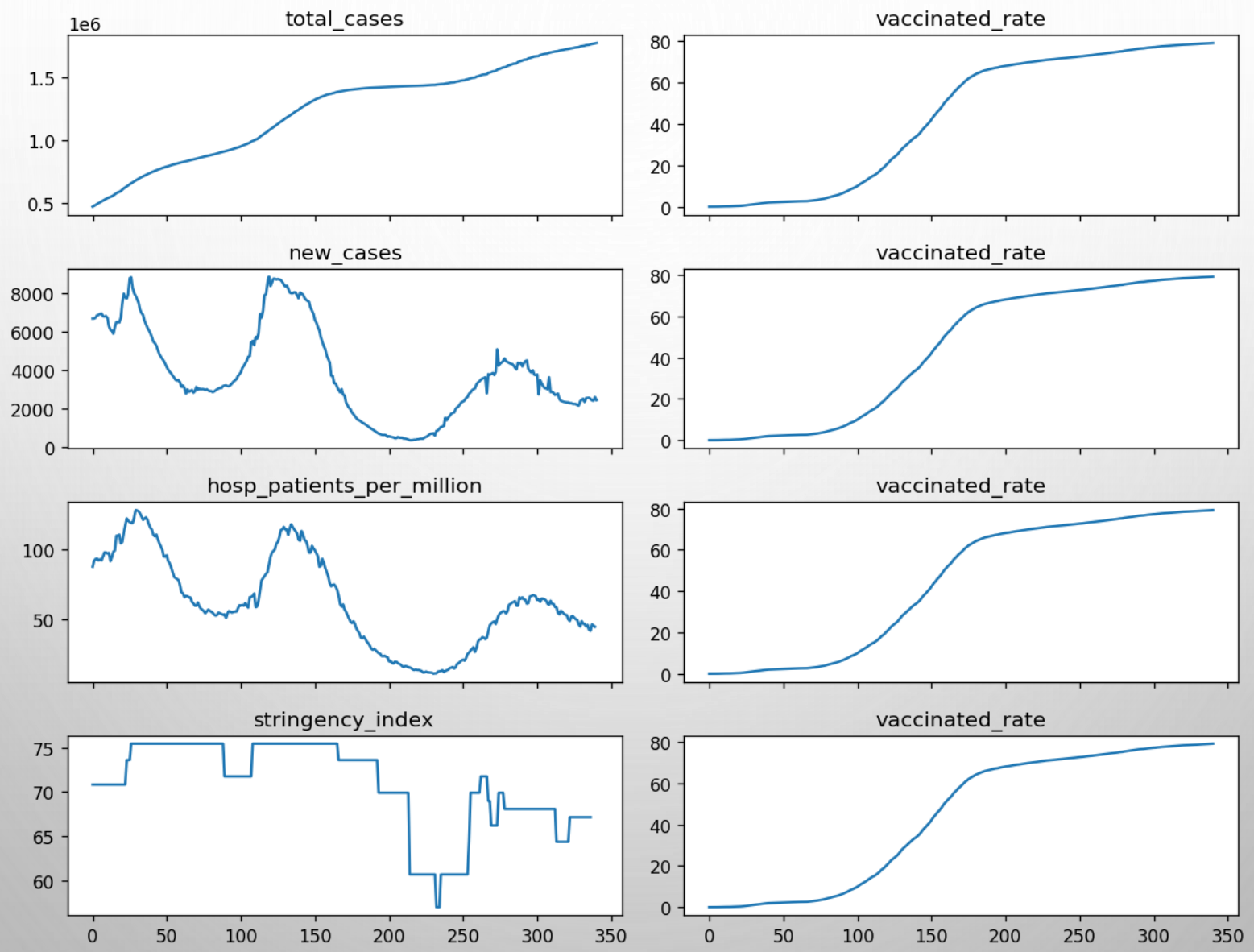

Forecast of Vaccination Rate

Canada

Forecast of Vaccination Rate

UK

I use ARIMA model to predict the future vaccination rate and modify alpha to make sure to get no-decreasing curve.

Comparison of vaccinated rate and other important features
Canada

Comparison of vaccinated rate and other important features
UK