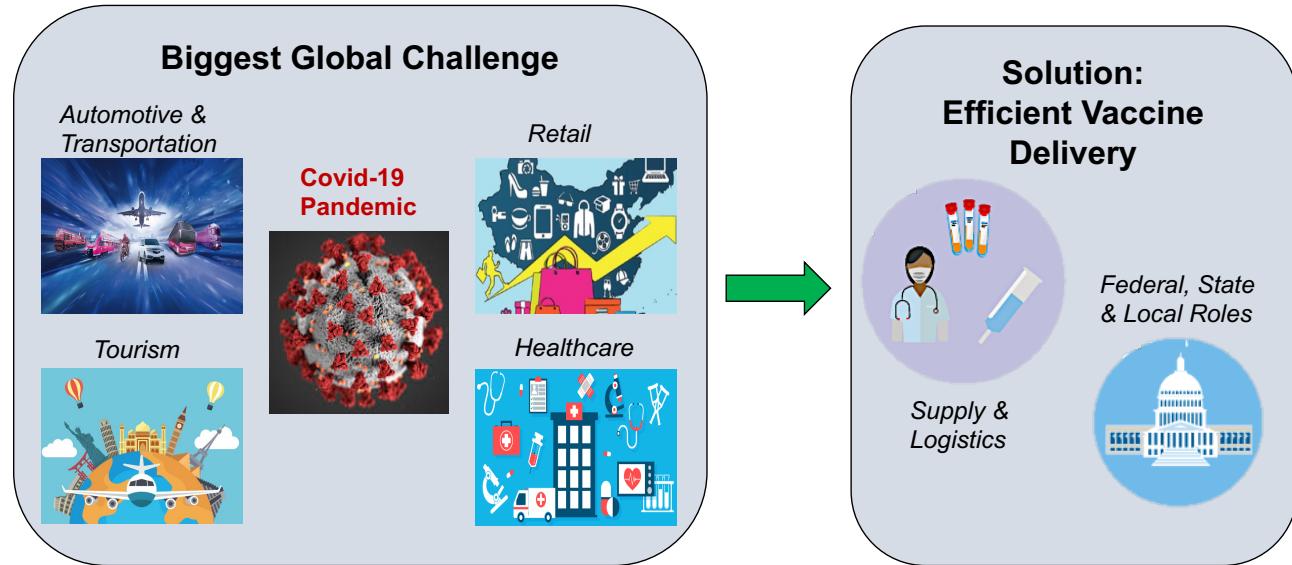


# Covid-19 Vaccine Delivery

- Madhura Baxi



# Motivation



## Data Description

Covid-19 Vaccination Data	
Source	<a href="http://tinyletter.com/data-is-plural/archive">http://tinyletter.com/data-is-plural/archive</a> <a href="https://github.com/sociepy/covid19-vaccination-subnational">https://github.com/sociepy/covid19-vaccination-subnational</a>
Total Number of Countries	23
Total Number of Subnational Regions	416
Dates	14 Dec 2020 to 12 Feb 2021
Variables	<ol style="list-style-type: none"><li>1. Total Vaccinations</li><li>2. People Vaccinated</li><li>3. People Fully Vaccinated</li><li>4. Total Vaccinations per 100</li><li>5. People Vaccinated per 100</li><li>6. People Fully Vaccinated per 100</li></ol>

## Proposed Analysis

*Seek Insight → What is the effect of different strategies of different countries and regions on vaccine administration?*

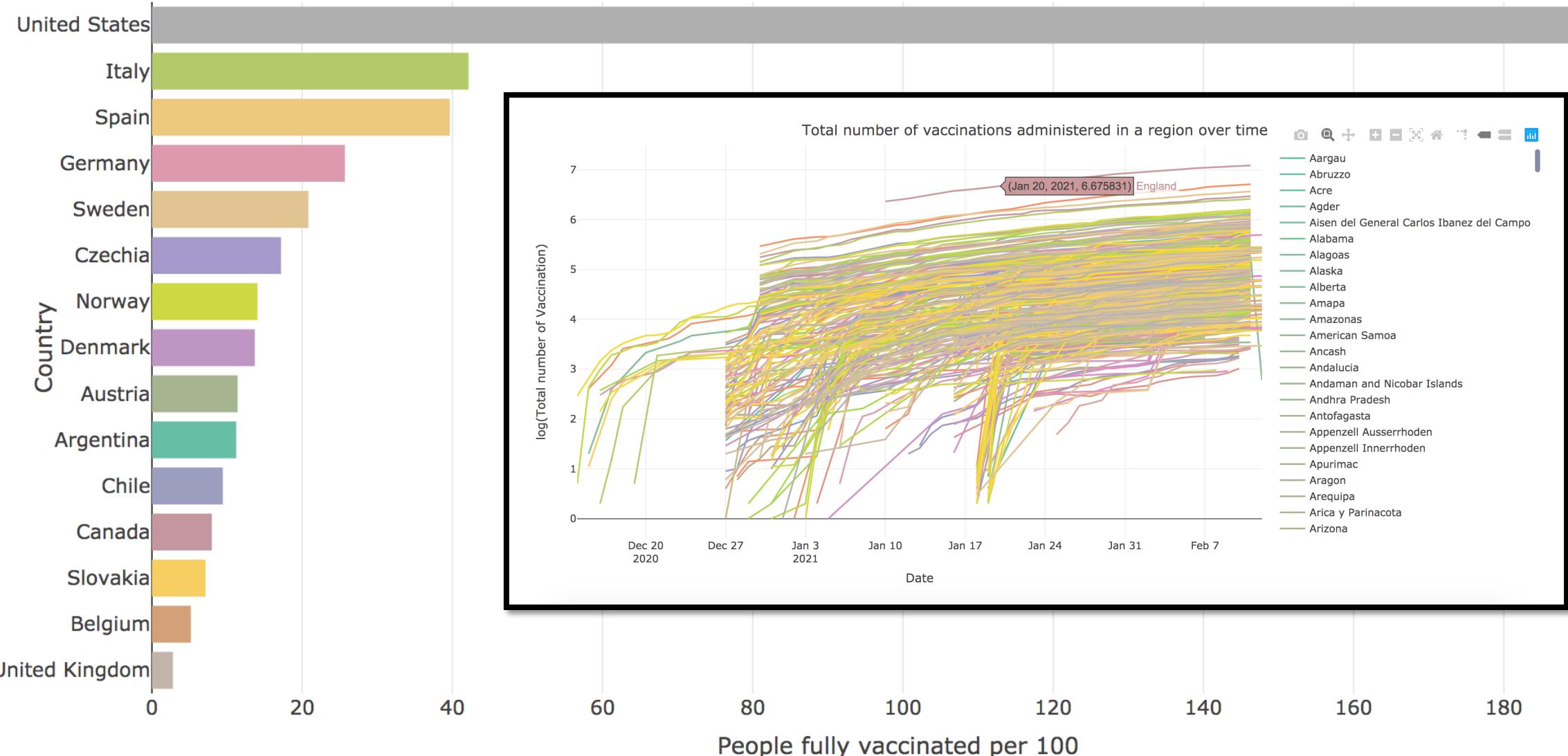
### Already Done:

- What are the national and subnational trends in the number of vaccinations administered and number of people fully vaccinated ?
- Assuming the current rate of vaccination, what percentage of the population will be fully vaccinated in each country & region by Fall 2021 ?

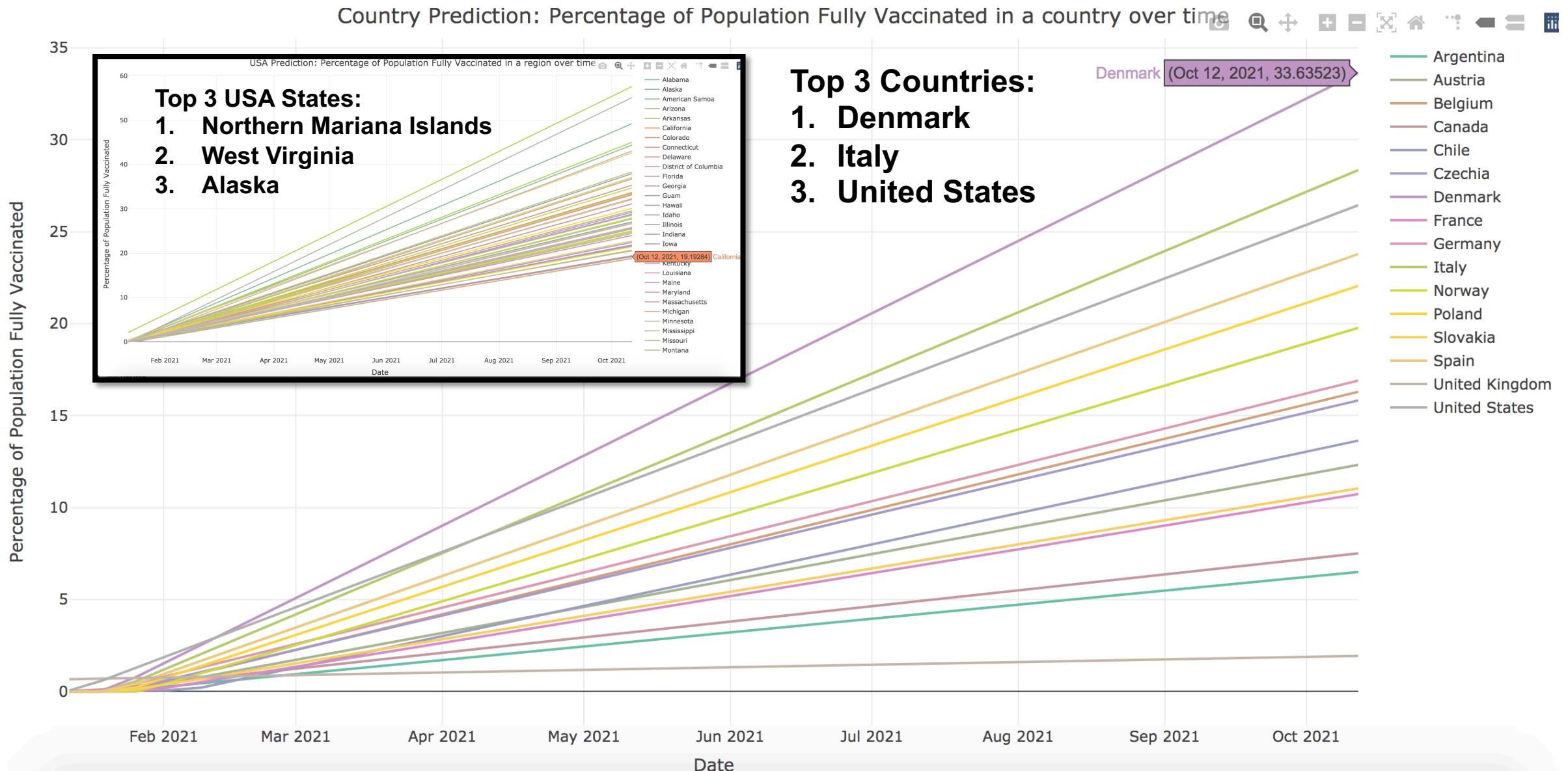
# National and subnational trends: No of people fully vaccinated per 100 and vaccinations administered over time.

People fully vaccinated per 100 by country

R: Plotly



# Top regions on track to be maximum % population fully vaccinated: Predicted using linear regression



## Proposed Analysis

*Seek Insight → What is the effect of different strategies of different countries and regions on vaccine administration?*

### **Future Work:**

- Which region in each country currently has the lowest rate of vaccination and lowest rate of people fully vaccinated ?
- Is the number of people fully vaccinated over time dependent on total number of vaccinations or country/region-specific strategies ?