

Context and Approach to Viz:

My main goal is to create an educational and data-driven visual representation on how severe COVID-19 could be for people with underlying health conditions and what to expect [symptoms and comorbidity conditions etc]. I worked on the data of a statistical infographic that is a visualization extension of the [TriNetX 2019- nCoV Real-World Data Report USA, Issue 10 published on March 29, 2021](#). It's periodically updated, the TritnetX Report summarizes critical information about the characteristics, treatments, and outcomes of COVID-19 patients identified in the TriNetX network using tables. I have attempted to make the TriNetX Report more inclusive, especially for people in our target audience who are not very-well versed in or comfortable with raw [summary] statistics and tables. Moreover, language barrier is something I want to minimize. That is why I am going for an infographic. I visualized the summary data of the Prior/Coexisting Conditions of COVID-19 Patients and the Clinical Characteristics During COVID-19 Episode tables for my infographic. I also extended the infographic storyline with COVID-19 comorbidities using data from the [CDC](#). Whenever possible, I also tried to make use of meaningful color-object associations [e.g. blue for diabetes, red for cardiovascular diseases, lavender for cancer, yellow for sickness, gray for death] and icons.

References for visualization:

<https://www.visualcapitalist.com/>

<https://icons8.com/> (For interactive icons)

Tableau Workbook:

Dataset:

The main data is [Covid world vaccination progress](#), made by Gabriel Preda on [kaggle](#).

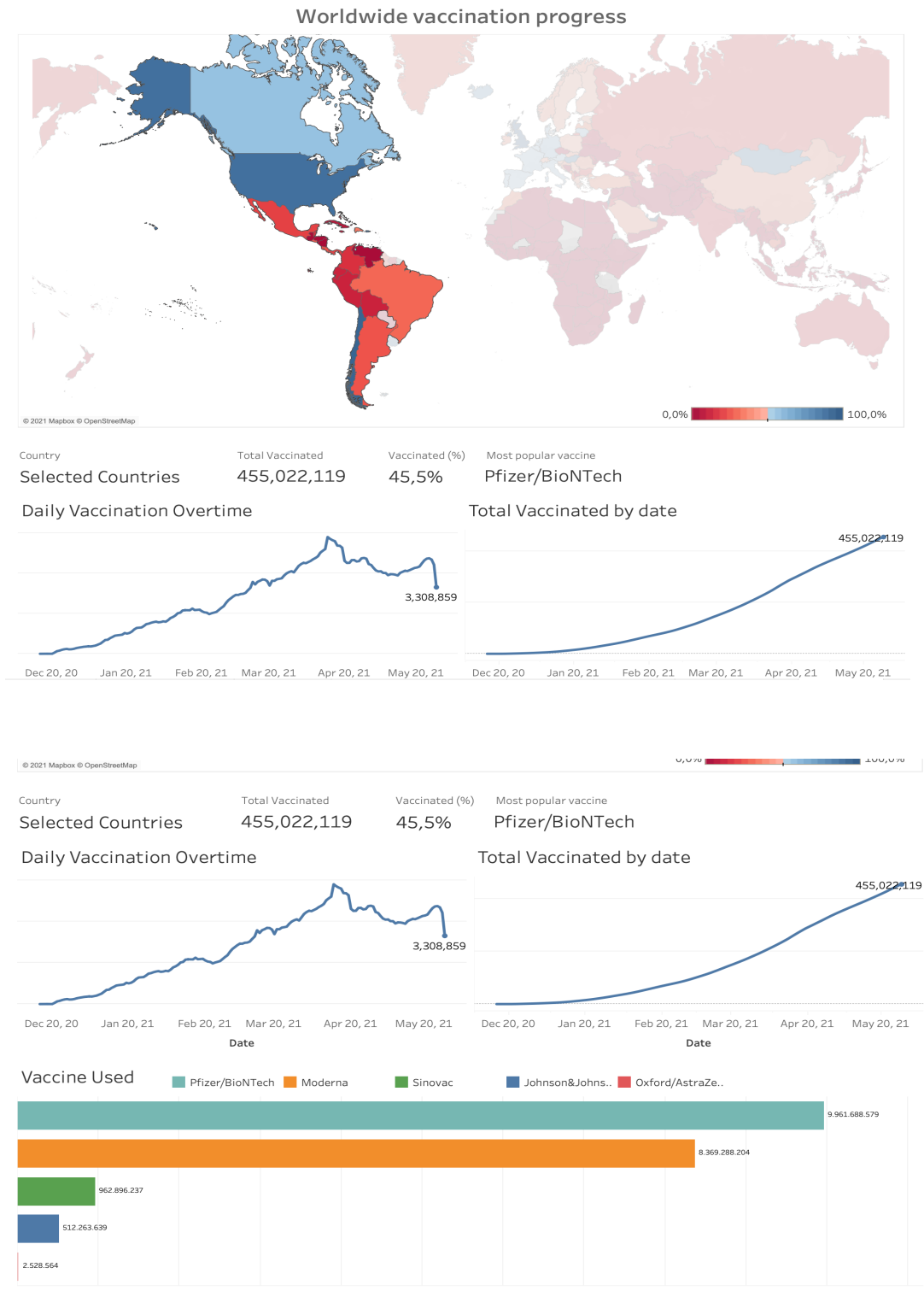
I also use [World population data](#) to give more context. this is made by Rishav Sharma on [kaggle](#).

Covid Vaccine Progress Dashboard:

With both of those data, I make a dashboard containing descriptive analysis that shows the vaccination progress of each country. I also Implement a data filtering based on the country with the world map I've made at the top of the dashboard, so you will be able to filter out which country to be included.

There's a lot to be improved. But as my first project, I'm quite happy with the result and most importantly, I've learned a lot about tableau.

Worldwide vaccination progress dashboard:



Multiple selected country vaccination progress dashboard:

