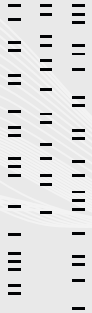
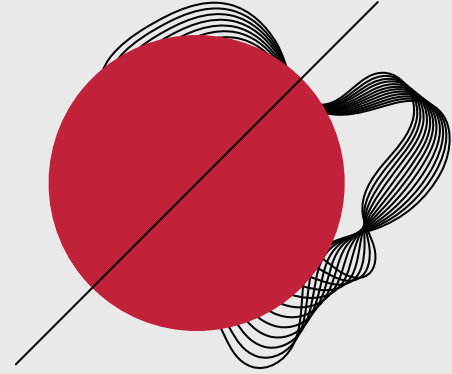


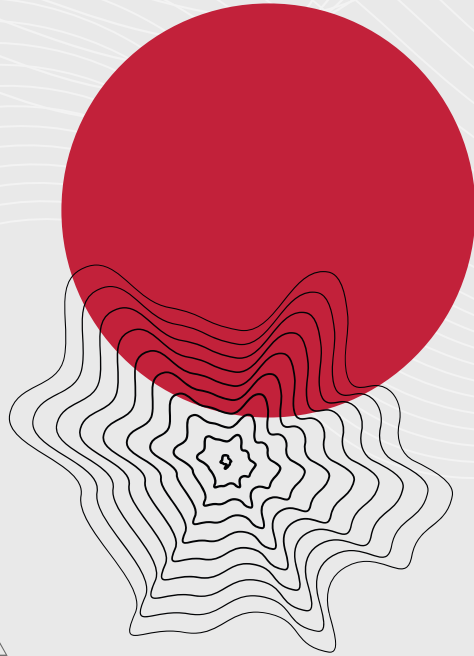
COVID-19 Cases and Vaccine Tracker

Minija Kannath



CONTENTS

- Problem Definition
- Data collection
- Data model
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Problem Definition

The COVID-19 pandemic is the most crucial health disaster that has surrounded the world for the past year. The objective of this project is to track COVID-19 cases and vaccination in the World ...



Data Collection

This Data is collected from two different datasets in Kaggle. Country vaccination data set and ovid covid dataset. Other two tables are imported from **Our world in data** and **Wikipedia**.



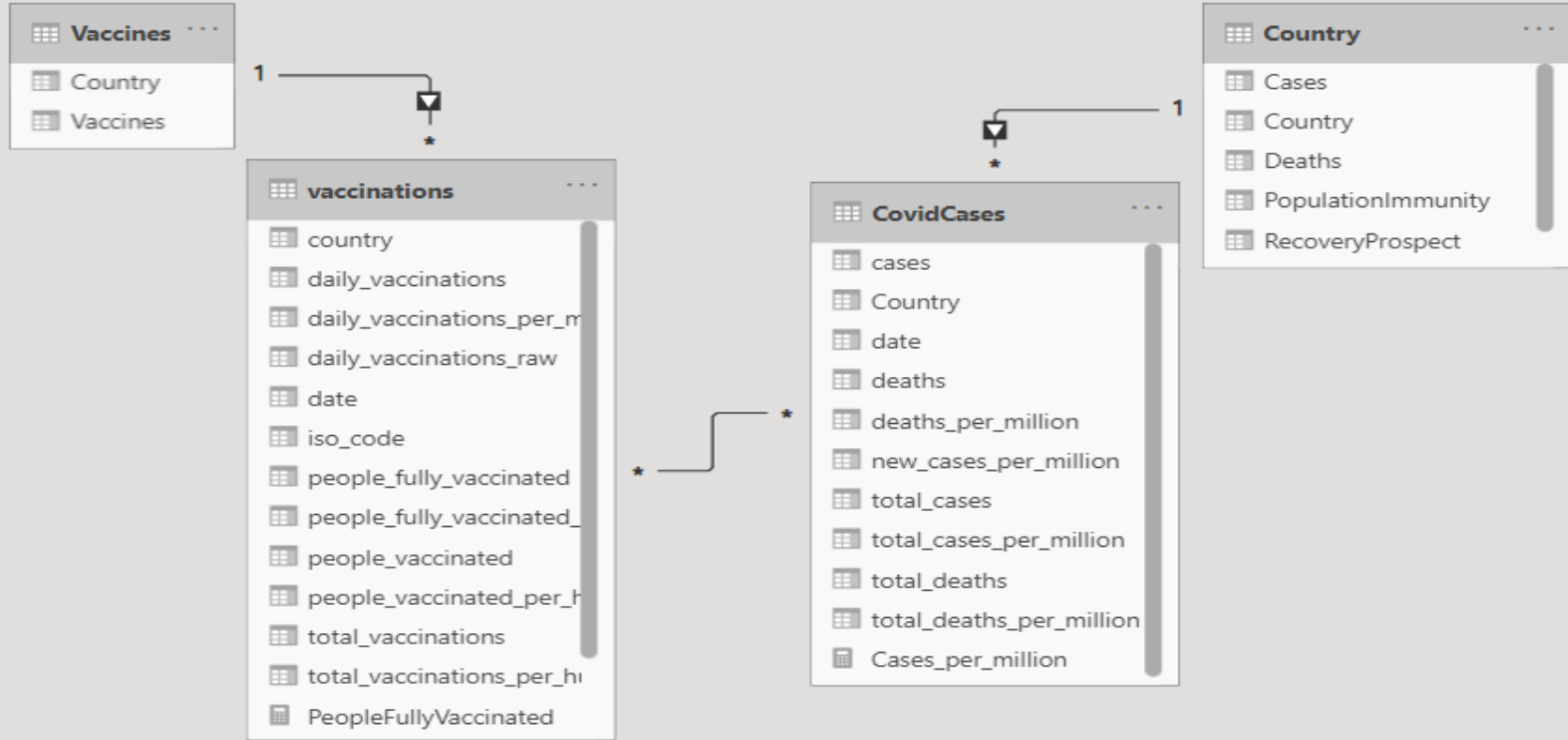


Data Preparation

Data is downloaded into power query and necessary cleaning and transformations are performed. Unwanted columns are removed and null values are replaced with zero. Standardised data type for few fields.



Data Model

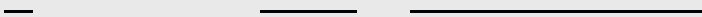




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Findings

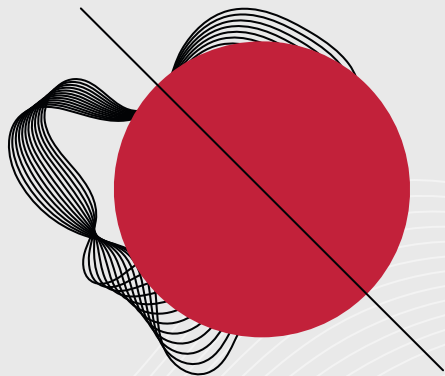
- United states has the greatest number of cases and deaths
- Most of the countries have achieved population Immunity. The recovery prospect of most of the countries are quite high.Few countries like China,Egypt and Mexico fall into weak recovery prospect.
- Risk to population is very high in most of the countries.
- The United States has the most vaccinated people of around 60M of its total population followed by China and the United Kingdom.
- The rate of applying vaccines to people is highest in Gibraltar
- Different countries are using various vaccines.
- Moderna, Pfizer/BioNTech are the most popular vaccine used worldwide



Conclusion

From the inferences and conjectures, it can be concluded that people from all parts of the world are educating themselves and willingly taking the vaccines under the governments' free vaccination program. Also, these vaccines have been proved effective against COVID-19 (till now). If the rate of people taking the vaccine continues to grow, then all the countries can vaccinate their people before the end of this year.





Thank you

References :

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<https://ourworldindata.org/covid-vaccinations#source-information-country-by-country>

<https://www.kaggle.com/fedesoriano/coronavirus-covid19-vaccinations-data>

https://en.wikipedia.org/wiki/COVID-19_pandemic_by_country_and_territory