**David Ramos**

**Tableau Project**

**Data Analysis**

**10/24/2023**

**Covid-19 Vaccine Tracker Data Visualization**

**Project Purpose:**

In this Tableau project I am visualizing data on Covid-19 vaccinations from April 2020 through October 2021. My goal of this project is to understand how the trend of the worldwide vaccination program for Covid-19 performed from the start of the pandemic until the vaccines were developed and distributed throughout the globe. Within Tableau, I built a vaccine tracker to be able to gain insights about how many people were fully vaccinated or partially vaccinated worldwide, which specific countries received the most vaccinations and which countries had the least, what is the share of the population that did not receive a vaccine, did country GDP influence the distribution of vaccines and what time-period did these vaccinations occur. The COVID-19 vaccination dataset I used within this project is from *ourworldindata.org.*

**Insights found through visualizing project data:**

* The data within this dataset recording information about COVID-19 vaccinations was from 4/9/2020 to 10/25/2021.
* 2,940,774,429 people were fully vaccinated from COVID-19 globally.
* 3,838,352,700 people were partially vaccinated globally from COVID-19
* 51.26% of the world’s total population were NOT vaccinated from COVID-19
* The countries that had some of the most vaccinations were United Arab Emirates, Portugal, Cuba, Spain, Ireland, Singapore, and Uruguay
* Countries with some of the least vaccinations were Haiti, Democratic Republic of Congo, South Sudan, Madagascar, Afghanistan, Yemen, and Somalia
* Qatar had a Max. GDP per Capita of 116,936 with a vaccination rate of 80.5% per 100 people. Ethiopia had a Max. GDP per Capita of 1,730 with a vaccination rate of 2.7% per 100 people. This proves that countries with higher GDP had more vaccinations than countries with lower GDP based on the maximum amount of people vaccinated per hundred.