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SQL

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*created during @AlextheAnalyst's Data Project series

COVID Project Analysis

Covid Deaths

Query 1. Total Cases vs. Total Deaths:

- In the United States in 2020, the first significant year of the pandemic, there were around 20 million total cases.
- Significantly high death percentages in the first few days of March (around 9 to 10%). Possibly could have occurred due to the way cases were being reported. If I remember correctly, test kits were not as readily available and only those with serious symptoms had access to them. Thus, people who were COVID-positive but did not have access to test kits did not report their positive cases, therefore skewing the death percentages to be higher than what they actually were.
- Currently at Dec 31, 2022, we are at a little over 100 million cases in the USA.

Query 3. Total Cases vs. Total Deaths:

- The highest infection rate in the United States is almost 30%. It is the country with 60th highest rate.
- Currently, the highest infection rate is at Cyprus, with a rate of 70%. Countries with smaller populations are also placed high at the list.

Query 4. Highest Death Count:

- The USA has the highest death count of 1 million. This can be compared to a population of ~340 million.

Query 6. Global Death Percentage for Each Name:

- We see a significant spike in cases on days 53 and 55 with 11% and 28% death rates. This was at the beginning of February in 2020. In my experience, this is what marked the start of the pandemic in the Bay Area and elsewhere in the world.
- Globally, we have a current death rate of around 1%.

Covid Vaccinations

Query 8. Rolling Vaccination Count per Country:

- The rolling count would only increase, as the vaccination count for every country was increasing.