

Project Report

Project Purpose

The Corona Virus pandemic struck in early 2019 with the first case being reported in Wuhan City in China. As the year rolled by, the virus quickly spread from China to the rest of the world leaving practically every country reeling from its impacts. In this project, I use SQL to explore the Covid-19 dataset dating as early as January 2020. The aim was to come up with quality and accurate data with deeper insights and communicates more information.

Dataset Description

Sourced from Our World In Data the data is contained in a csv file... created databases in SQL and imported the excel files...with 243180 rows and 38 columns each containing an important metric for analysis, ranging from number of tests in given locations to vaccinations and infections.

Analysis Method Description

Ran a variety of queries on the data.

looking at Total Cases vs Population

--percentage population diagnosed with Covid in Europe, Africa, Asia, South America, North America, and Oceania.

Sampling Several Countries

-- looking at the Total Case vs Total Deaths to establish the-

--percentage probability of succumbing to Covid once infected (in Nigeria), Kenya, India, United States

--Looking at Countries With The Highest Infection Rates (Grouped By Continents)

--Evaluating European, African, Asia, South America, North America, and Oceania countries with the highest rates of infection relative to the population

Death Count Per Population

--Showing European, African, Asia, South America, North America, and Oceania Countries with Highest death Count per Population

--Breaking the Data Down by Death Percentage Per Total Reported Cases in Countries within Continent

--showing the Continents with the highest death count per population

--Death Percentage Per Total Reported Cases in European, African, Asia, South America, North America, and Oceania Countries

--looking at total population vs vaccinations and Joining Tables

--USE CTE

--CREATING Data Storage View for Later References

Summary of Results (Findings)

As of 25th May 2020 there was a total of 1286 confirmed cases and 52 deaths the death percentage was 4.04%.

As of 2nd August 2020 there was a total of 22053 confirmed cases and 369 deaths the death percentage was 1.67%.

As of 9th Nov 2020 there was a total of 63244 confirmed cases and 1130 deaths the death percentage was 1.79%.

As of 17th April 2021 there was a total of 151287 confirmed cases and 2463 deaths the death percentage was 1.63%.