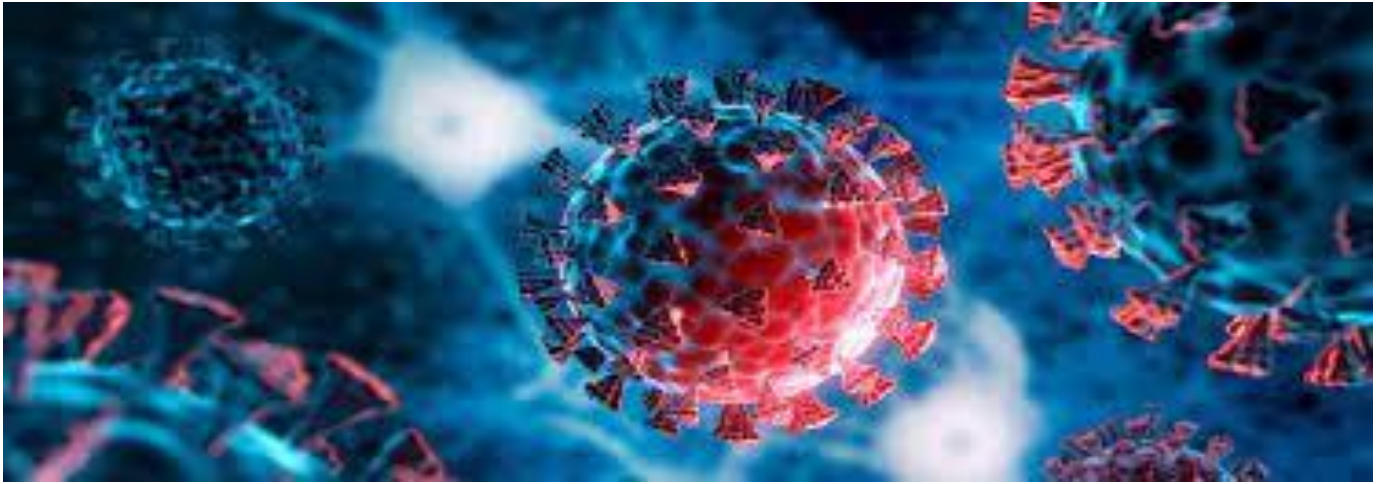# COVID-19

ANALYSIS

Data Exploration using SQL & Tableau for visualization

Objective

Objective is to analyse the impact of the pandemic globally using metrics such as cases, deaths and vaccinations and creating a dashboard to view the insights.

Dataset

Link to Dataset: https://ourworldindata.org/covid-deaths

Skills used in SQL

Aggregate Functions, Joins, LIKE Operator, IS NOT NULL operator, Windows Functions, Creating views.

Data Exploration

- Chances of dying from Covid-19 in a country
- Percentage of population infected with Covid-19
- Countries with Highest Infection Rate compared to Population
- Countries & Continent with Highest Death Count
- Global Numbers for New Deaths and New Cases
- Percentage of Population received at least one Covid Vaccine

Insights

- Some parts of Europe has the highest infection rate in relation to its population.
- United States covid-19 cases will increase over the next year at a slower pace whereas for Australia it will decline at a faster rate over the time.
- Europe has the highest mortality rate.

Covid-19 Analysis

Global Numbers

Total Cases	Total Deaths	Death Percentage	Total Vaccinations
767,741,724	6,955,241	0.91	10,848,539,996

Total Deaths per Continent

Percent Population Infected per Country

Percent Population Infected
0.00 — 73.76

Location
(Multiple values)

Percent Population Infected- Forcast (August 2023- July 2024)

Australia 23.04

India 1.88

India 1.17