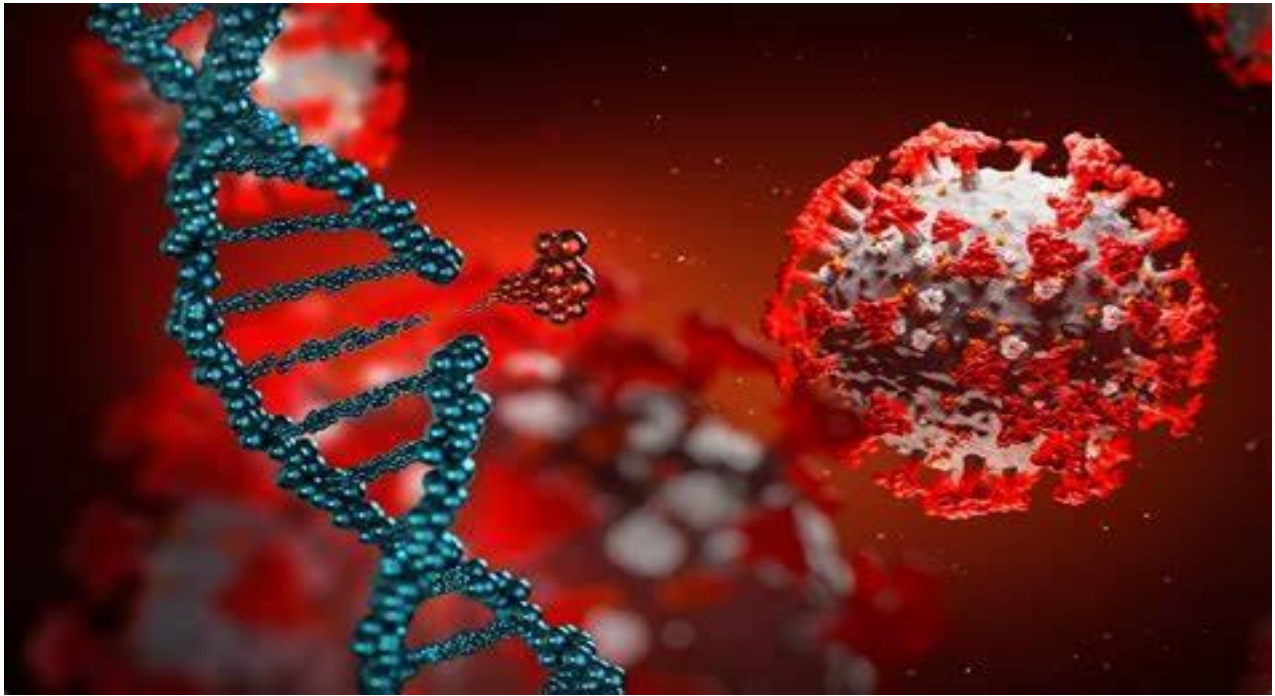


# COVID 19 Analysis



Coronavirus disease 2019 (COVID-19) is a contagious disease caused by the virus SARS-CoV-2. The first known case was identified in Wuhan, China, in December 2019. The disease quickly spread worldwide, resulting in the COVID-19 pandemic.

The symptoms of COVID-19 are variable but often include fever, cough, headache, fatigue, breathing difficulties, loss of smell, and loss of taste. Symptoms may begin one to fourteen days after exposure to the virus. At least a third of people who are infected do not develop noticeable symptoms. Of those who develop symptoms noticeable enough to be classified as patients, most (81%) develop mild to moderate symptoms (up to mild pneumonia), while 14% develop severe symptoms (dyspnea, hypoxia, or more than 50% lung involvement on imaging), and 5% develop critical symptoms (respiratory failure, shock, or multiorgan dysfunction). Older people are at a higher risk of developing severe symptoms. Some people continue to experience a range of effects (long COVID) for years after infection, and damage to organs has been observed.

The Aim of the project is to analyze the covid 19 data from 2020- 2023 to determine if covid 19 still has high infection and death rate. To achieve this I will be answering some questions below.

- --COVID DEATH GLOBAL NUMBERS

- Showing Total cases and Total number of death of each Country

Results Messages				
	continent	Country	Total_cases	Total_Number_Of_Deaths
1	North America	United States	103436829	1127152
2	Asia	China	99306563	121679
3	Asia	India	44997326	532023
4	Europe	France	38997490	167985
5	Europe	Germany	38437756	174979
6	South America	Brazil	37717062	704659
7	Asia	South Korea	34436542	35812
8	Asia	Japan	33803572	74694
9	Europe	Italy	25955703	191276
10	Europe	United Kingdom	24688073	228924
11	Europe	Russia	22994849	399999

- Showing Continent with highest number of death

	continent	TotalDeaths
1	Europe	2076204
2	Asia	1633358
3	North America	1602825
4	South America	1358965
5	Africa	259010
6	Oceania	29410

- --Showing what percentage of the population of each Continent died

You can view the analysis done on SQL here [Covid19-Analysis/Covid 19 Data Exploration.sql at main · Awanieva/Covid19-Analysis \(github.com\)](https://github.com/Awanieva/Covid19-Analysis/blob/main/Covid19-Analysis/Exploration.sql)

To view and interact with the Tableau Dashboard: [Covid 19 Dashoard | Tableau Public](#)

### **In conclusion**

- Europe recorded the continent with highest number of death followed by Asia.
- United States has the highest Covid 19 cases with 103,436,829 and highest number of deaths 1,127,152 death.
- Countries with lower population has almost more than 30% of population infected.
- Looking at the forecast from September 2033 to September 2024 it shows that will be a continuous decline in the covid 19 infection rate. (unless of course something else comes up).
- For Vaccinations 65% of the world's population has taken full dose of the covid 19 dashboard. While 71% has taken at least 1 dose of covid 19 vaccine.