

I know everyone is aware of COVID-19 pandemic and I don't want to make you scare. The COVID-19 pandemic, also known as the coronavirus pandemic, is an ongoing global pandemic of coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). The virus was first identified in December 2019 in Wuhan, China. The World Health Organization declared a Public Health Emergency of International Concern regarding COVID-19 on 30 January 2020, and later declared a pandemic on 11 March 2020. As of 8 May 2021, more than 157 million cases have been confirmed, with more than 3.27 million deaths attributed to COVID-19, making it one of the deadliest pandemics in history.

Symptoms of COVID-19 are highly variable, ranging from none to life-threateningly severe. Transmission of COVID-19 occurs mainly when an infected person is in close contact with another person. Small droplets containing the virus leave an infected person as they breathe, cough, sneeze, or speak and enter another person via their mouth, nose, or eyes. Airborne transmission can also occur, with smaller infected droplets lingering in the air for minutes to hours within enclosed spaces that have inadequate ventilation. Less commonly, the virus may spread via contaminated surfaces. People remain contagious for up to 20 days and can spread the virus even if they do not develop any symptoms.

I want to present the multiple visualizations of COVID-19 worldwide dataset and **European Centre for Disease Prevention and Control**.

1. The first visual is about the population by the continent and the Asia is the most population centric continent.
2. The Second visualization [2] shows the number of tests done by each country in Europe and the cases found.
3. The Third visualization [3] shows the number of doses by vaccine companies. The most used vaccine in Europe is COM.
4. The fourth visual[4] shows the number of second doses given by country. The graph clearly tell that the France is most vaccinated country in Europe (27 million doses till date)
5. The fifth visual[5] shows that the percentage variant per variant. The other, B1.1.7 and B1.351 has major percentage stake in variant.
6. The Sixth visual[6] shows very interesting information. The most of the variants has Denominator. That means most of variant has a vaccine available and it is working well.
7. The last visual[7] show the percentage of cases by each variant. The percentage is almost equal for each variant.

## Reference-

[Coronavirus Source Data - Our World in Data](#)

[Coronavirus \(europa.eu\)](#)

[covid-19-data/public/data at master · owid/covid-19-data · GitHub](#)

[COVID-19 pandemic - Wikipedia](#)

*Milestone 4- Executive Summary (Support Document)*  
*DSC640-T301 Data Presentation & Visualization*

*Dhiraj Bankar*

Blog Location-

<https://dhirajbankar.wixsite.com/covid19blog>