

NAAN MUDHALVAN

DATA SCIENCE

PROJECT TITLE

COVID-19 VACCINE ANALYSIS

PHASE-2

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# PROBLEM DEFINITION

The COVID-19 pandemic has led to a global effort to develop and distribute vaccines to combat the virus. This data science project aims to analyze various aspects related to COVID-19 vaccines, including their efficacy, distribution, and impact on public health.

The primary objectives are:

1. Efficacy Analysis:

Evaluate the efficacy of different COVID-19 vaccines based on clinical trial data, real-world effectiveness studies, and vaccine characteristics

2. Vaccine Distribution:

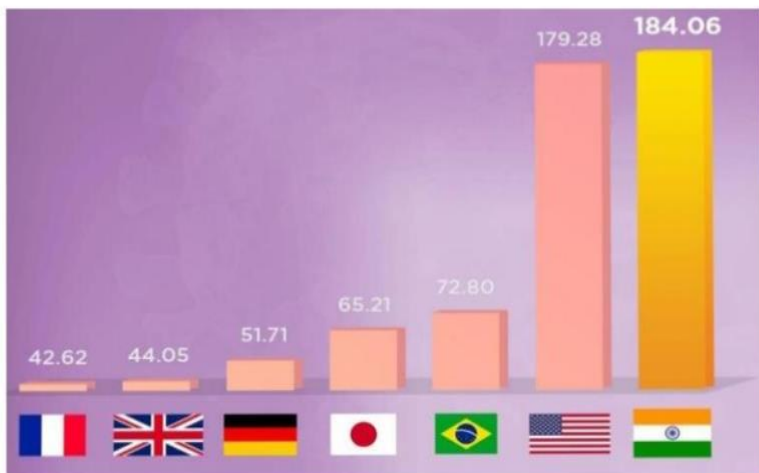
Analyze the global distribution of COVID-19 vaccines, considering factors like geographic location, population density, and socio-economic indicators.

- 3.3 Vaccine Hesitancy:

Study the factors contributing to vaccine hesitancy and analyze its impact on vaccination rates  
Develop strategies to address vaccine hesitancy through data-driven insights.

DATA SET:

## DATA SET:



### **India Leading the world covid vaccination**

More than 184 million individuals fully vaccinated so far



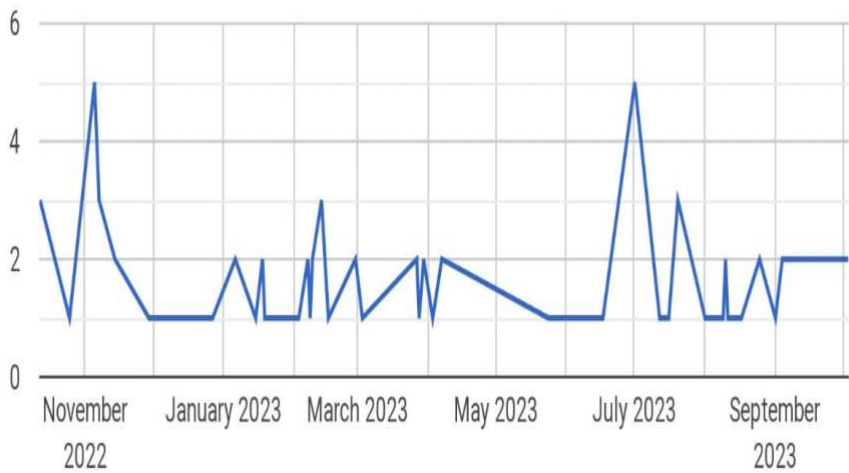
## Vaccination coverage in states

Percentage of eligible population receiving two doses





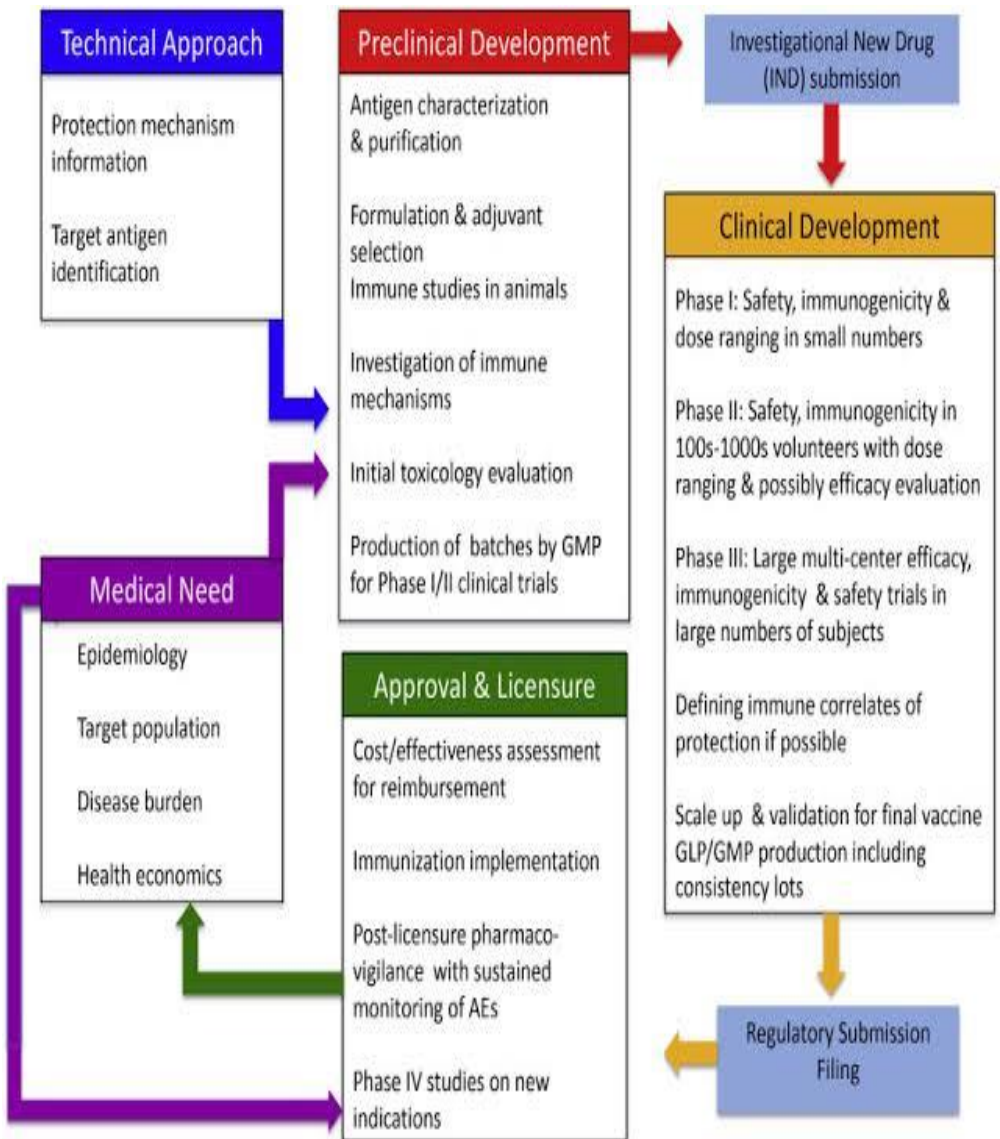
**Types of covid -19 vaccine india**



# DATA SET

<https://in.docworkspace.com/d/sIKSisfjMAY6OmakG>

The following link contains the dataset of country vaccinations





# Over view

- ❖ Problem definition
- ❖ Data set
- ❖ Flowchart
- ❖ Conclusion

## **Conclusion:**

- The problem definition for the given topic(covid-19 vaccine analysis)has been created
- The datasets are been given next to it.It contain
  - 1.India Leading the world covid vaccination
  - 2.Vaccination coverage in states
  - 3.Vaccination used in india

4. Major vaccination  
used in india

5. Tamilnadu covid -19  
vaccine data set

- The flowchart for the vaccine analysis has been attached
- The over view of the project has been given
- Next, we end up the project with the conclusion

**Thank you**