

Analysis of the COVID-19 Vaccine

Phase 2

Welcome to Phase 2 of the COVID-19 Vaccine Analysis Project!

BU by Bharathi Udhayakumar



Introduction

Understand the background of COVID-19 and the purpose of our analysis project. Learn about the importance of vaccines in combating the pandemic.

Data Collection and Analysis

Discover the diverse sources of data used in our analysis project. Explore the various data collection methods and analysis techniques employed to gain valuable insights. The covid-19 vaccination data was collected from an online resource and the collected file was imported to the desktop.

Installing Libraries

```
pip install scikit learn
```

```
import numpy as np
```

```
import pandas as pd
```

```
import matplotlib.pyplot as plt
```

```
from sklearn.datasets import load.iris
```

Explanation

Wondering what this project is all about? In this card, we'll provide a brief overview of the COVID-19 Vaccine Analysis Project and what you can expect from each phase. We'll also introduce you to the team behind this project and how you can get involved.

Next Steps

Now that you have an understanding of the project and its phases, it's time to dive deeper. In this card, we'll explore the process of data visualization and how it plays a crucial role in analyzing the COVID-19 vaccine data. Get ready to uncover valuable insights!

Reading Data

```
data_frame = pandas.read_csv(country_vaccinations_by_manufacturer)  
  
print(data_frame.head(10))
```

output

Argentina	#####	Moderna	2
Argentina	#####	Oxford/AstraZeneca	3
Argentina	#####	Sinopharm/Beijing	1
Argentina	#####	Sputnik V	20481
Argentina	#####	Moderna	2
Argentina	#####	Oxford/AstraZeneca	3
Argentina	date	vaccine	total_vaccinations
Argentina	#####	Sinopharm/Beijing	1
Argentina	#####	Sputnik V	40583
Argentina	#####	Moderna	2

A large, light beige handprint graphic is centered in the background. The hand is open, with fingers spread. Overlaid on the palm and fingers are several darker beige, irregular shapes representing fingerprints.

Conclusion

And that concludes our journey through the COVID-19 Vaccine Analysis Project! We hope you found this exploration informative and insightful. Remember, knowledge is power, and by understanding the data, we can make more informed decisions. Thank you for joining us on this important mission.