

Analysis of the COVID-19 Vaccine





Introduction

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

The background of the slide features a soft, pastel-colored design. A large, stylized plant with broad, greyish-green leaves and a thick, brown stem is positioned in the center. To the left of the plant, there is a large, light pink hashtag symbol (#). The overall color palette consists of light pinks, peaches, and soft greens, creating a clean and modern aesthetic.

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
```

The background of the slide features a large, stylized illustration of a hand in a light beige color, with fingers spread. In the bottom-left corner, there is a small, multi-colored rainbow. The overall background is a soft, light green gradient.

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
a	#####	Oxford/ AstraZeneca	3
Argentina	#####	AstraZeneca	1
a	#####	Sinopharm / Beijing	20481
Argentina	#####	and Sputnik V	2
a	#####	Moderna	3
Argentina	date	Oxford/ AstraZeneca	total_vaccination
a	#####	AstraZeneca vaccine	1
Argentina	#####	ne	40583
a	#####	Sinopharm / Beijing	2
Argentina		and Sputnik V	
a		Moderna	

Argentina

The background of the slide features a large, stylized hand in shades of pink and orange. The hand is positioned with the palm facing forward, and several colorful fingerprints (in shades of purple, blue, and green) are visible on the palm and fingers. The overall aesthetic is clean and modern.

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.