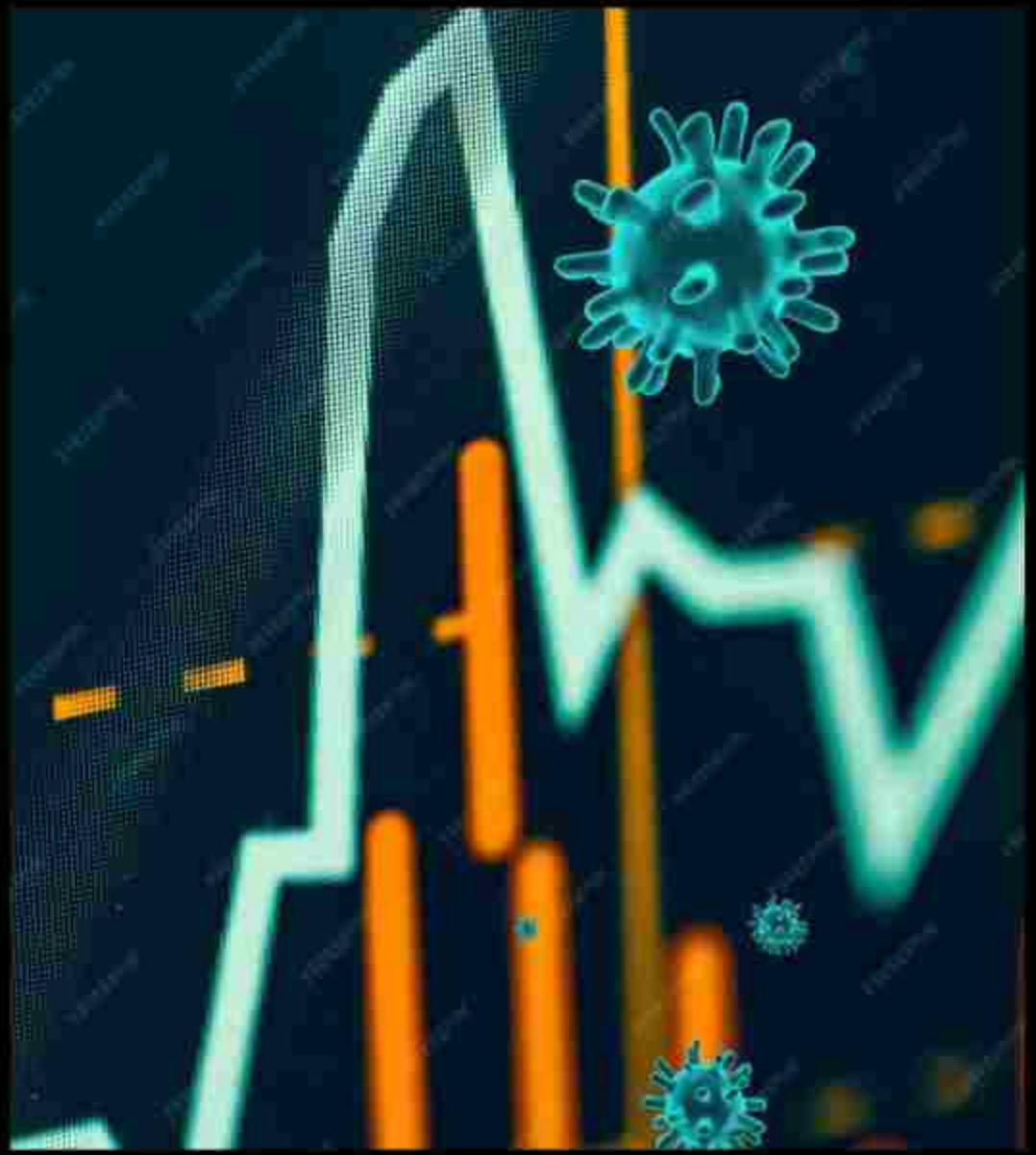
PHASE-1 PROJECT COVID-19 using cognos



Introduction

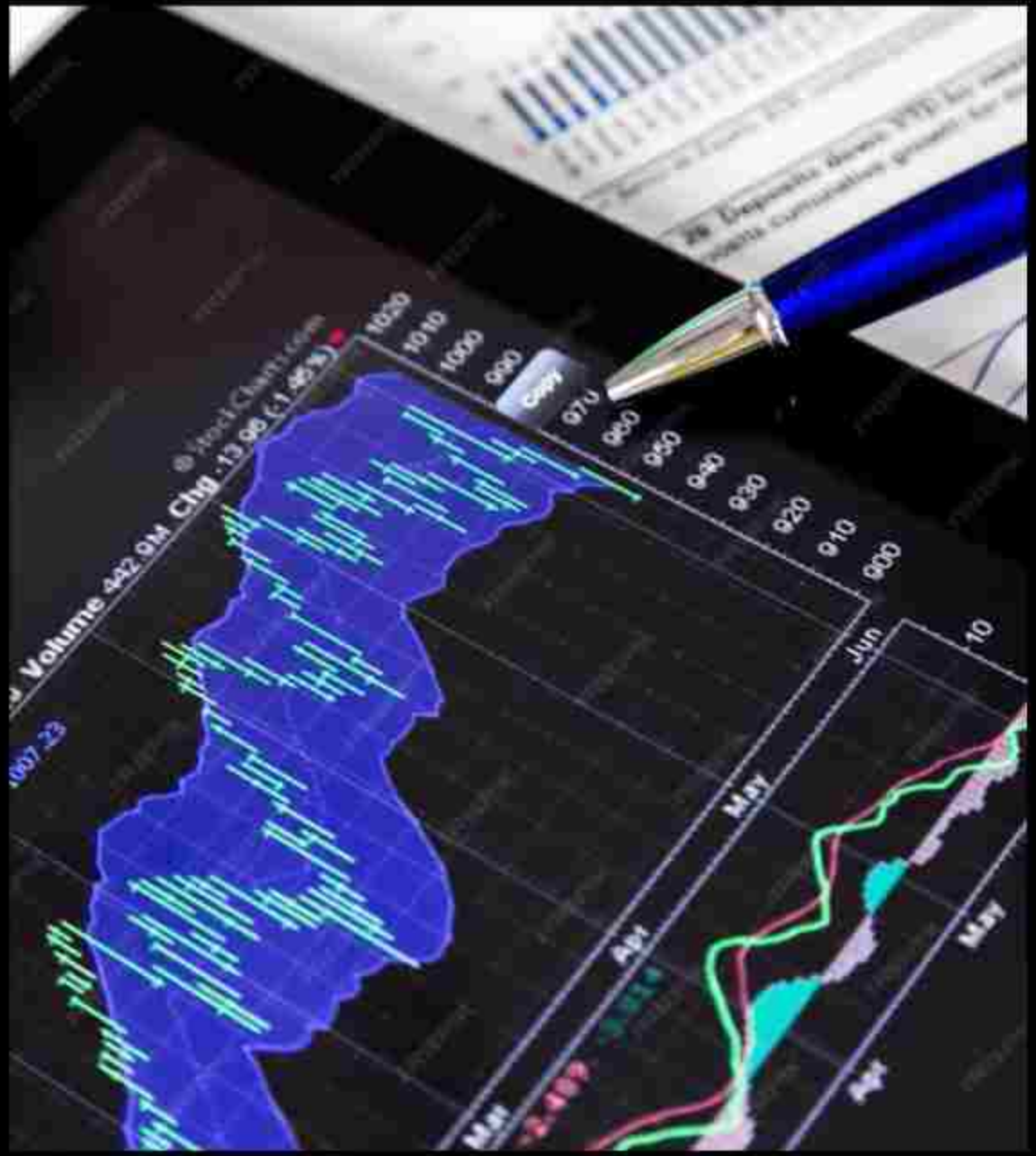
This presentation aims to analyze the **COVID-19 trends** in the EU/EEA region using **IBM Cognos**. The analysis will focus on **mean values and standard deviations** to provide a comprehensive understanding of the pandemic's impact. By examining these statistical measures, we can gain insights into the severity and variations of the virus across different countries.

Data Collection

To conduct the analysis, a **comprehensive dataset** was collected from reliable sources such as national health agencies and international organizations. The dataset includes various COVID-19 indicators, such as daily cases, deaths, and testing rates, for each country in the EU/EEA region. This extensive data collection ensures the accuracy and reliability of the analysis results.

Mean Values Analysis

The mean values analysis provides insights into the **average COVID-19 indicators** across the EU/EEA region. By calculating the mean values of daily cases, deaths, and testing rates, we can identify the **general trends** and compare the situation among different countries. This analysis helps us understand the overall impact of the pandemic and identify countries that require specific attention.

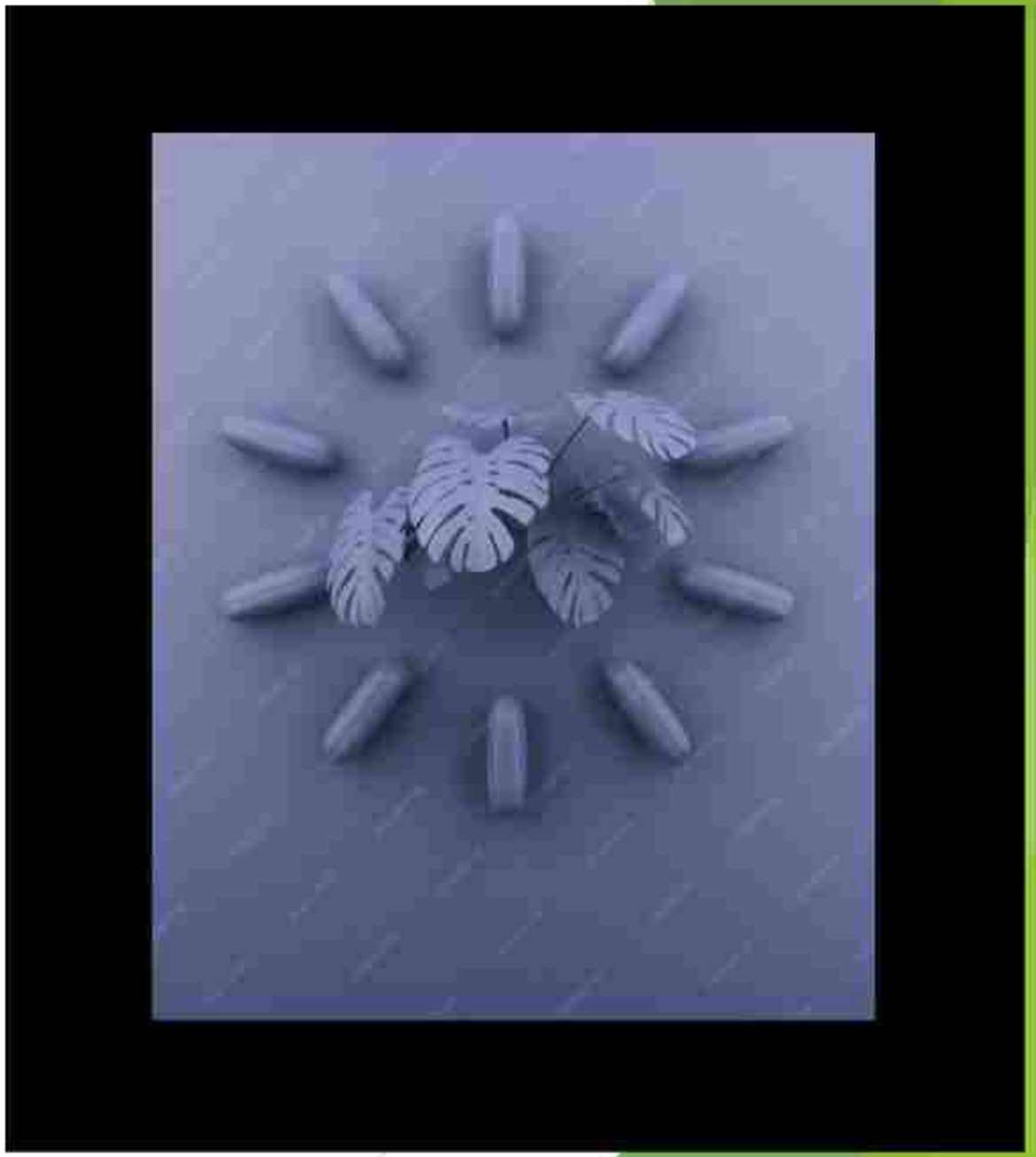


Standard Deviations Analysis

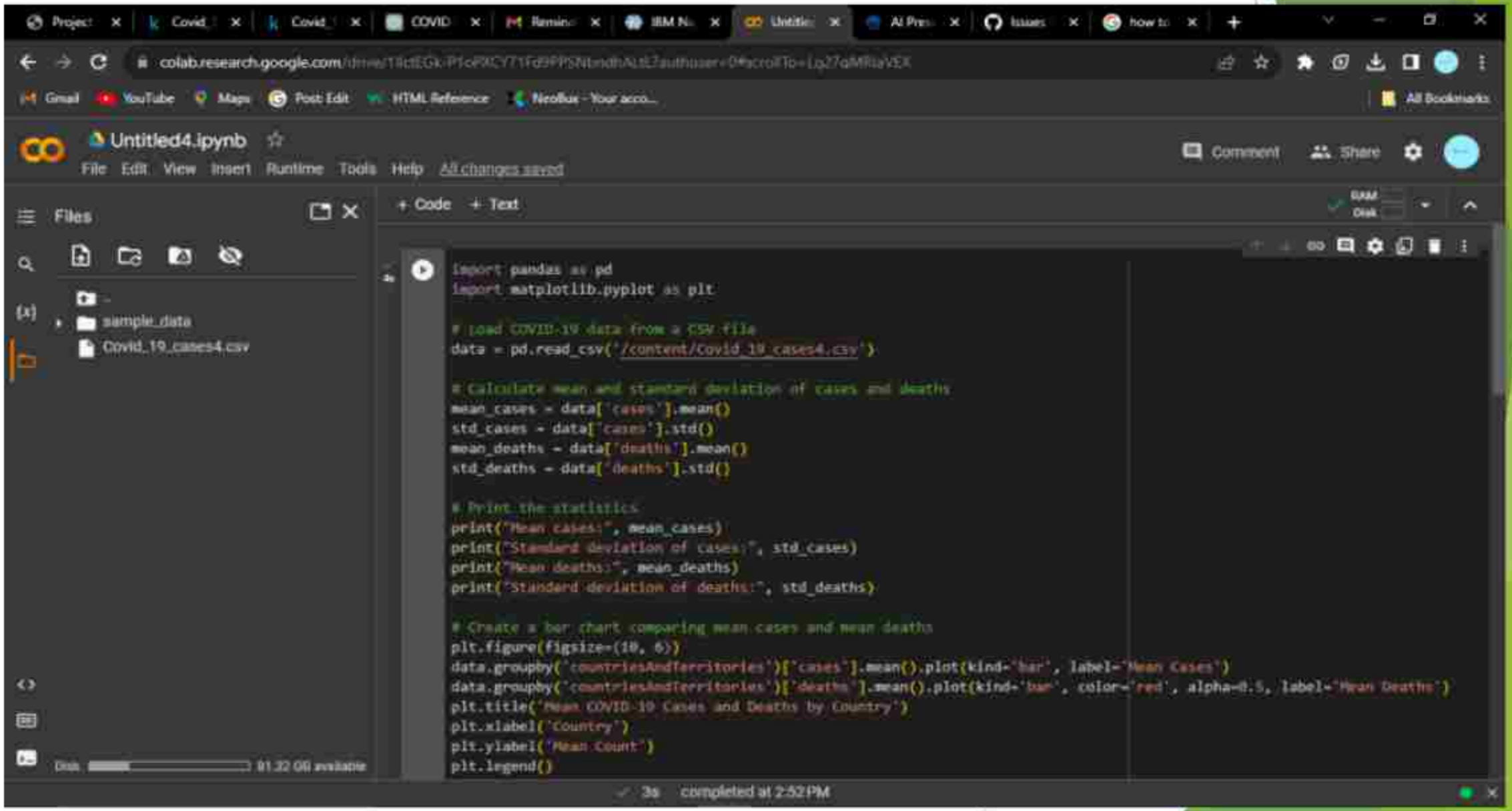
The standard deviations analysis explores the **variations and disparities** in COVID-19 indicators across the EU/EEA region. By calculating the standard deviations of daily cases, deaths, and testing rates, we can identify countries with **higher or lower variations** from the mean values. This analysis helps us understand the **diversity** of the pandemic's impact and highlight potential areas of concern.

Key Findings

Based on the analysis, several key findings emerge. Firstly, there are significant variations in COVID-19 indicators among EU/EEA countries, with some experiencing higher deviations from the mean values. Secondly, certain countries exhibit consistently higher or lower mean values, indicating different levels of severity. Lastly, the analysis highlights the importance of targeted interventions and collaboration to address the diverse impact of COVID-19 in the EU/EEA region.



1.Analysis Objectives: Define the specific objectives of analyzing COVID-19 cases and deaths data, such as comparing mean values and standard deviations.



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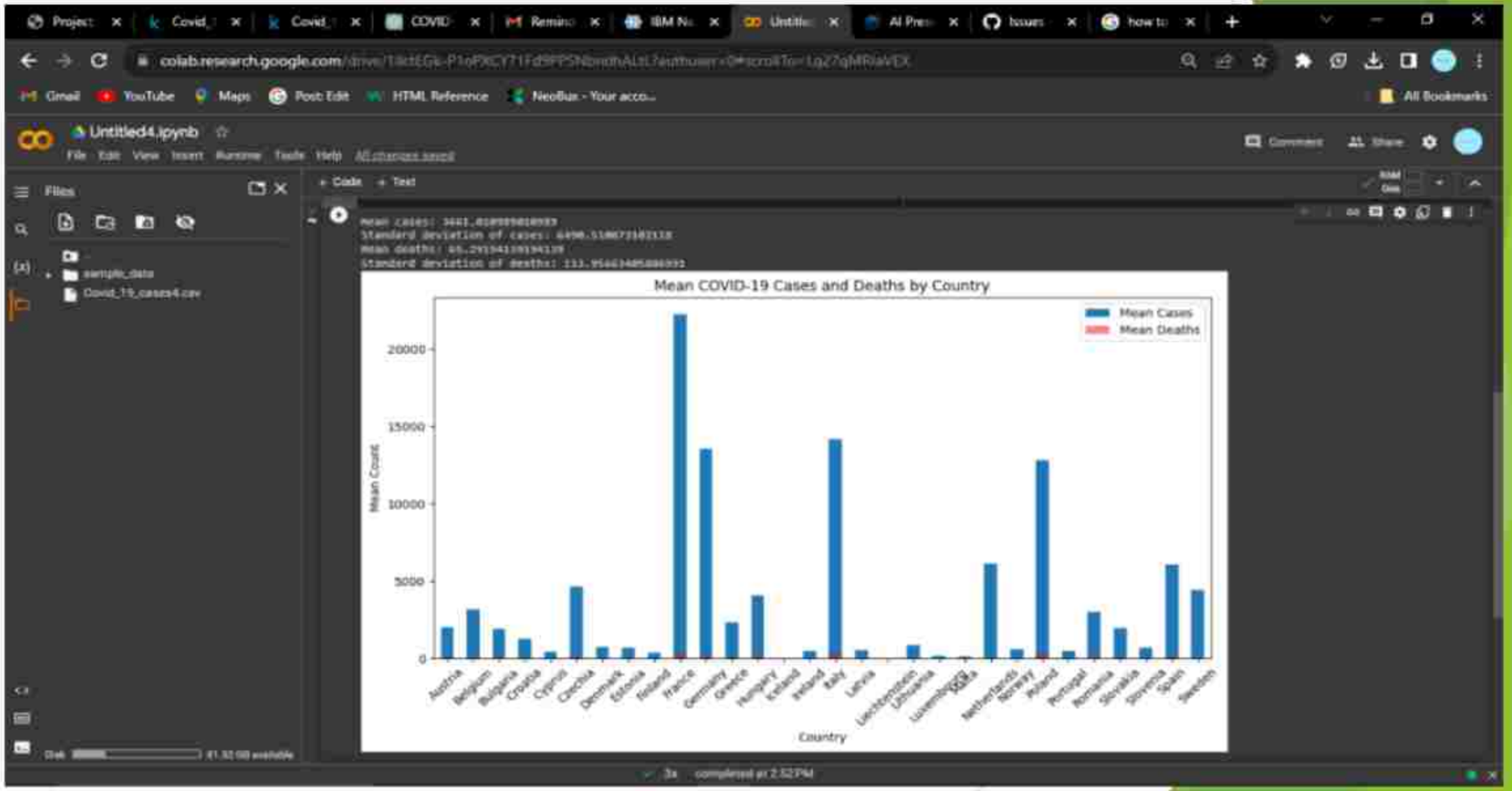
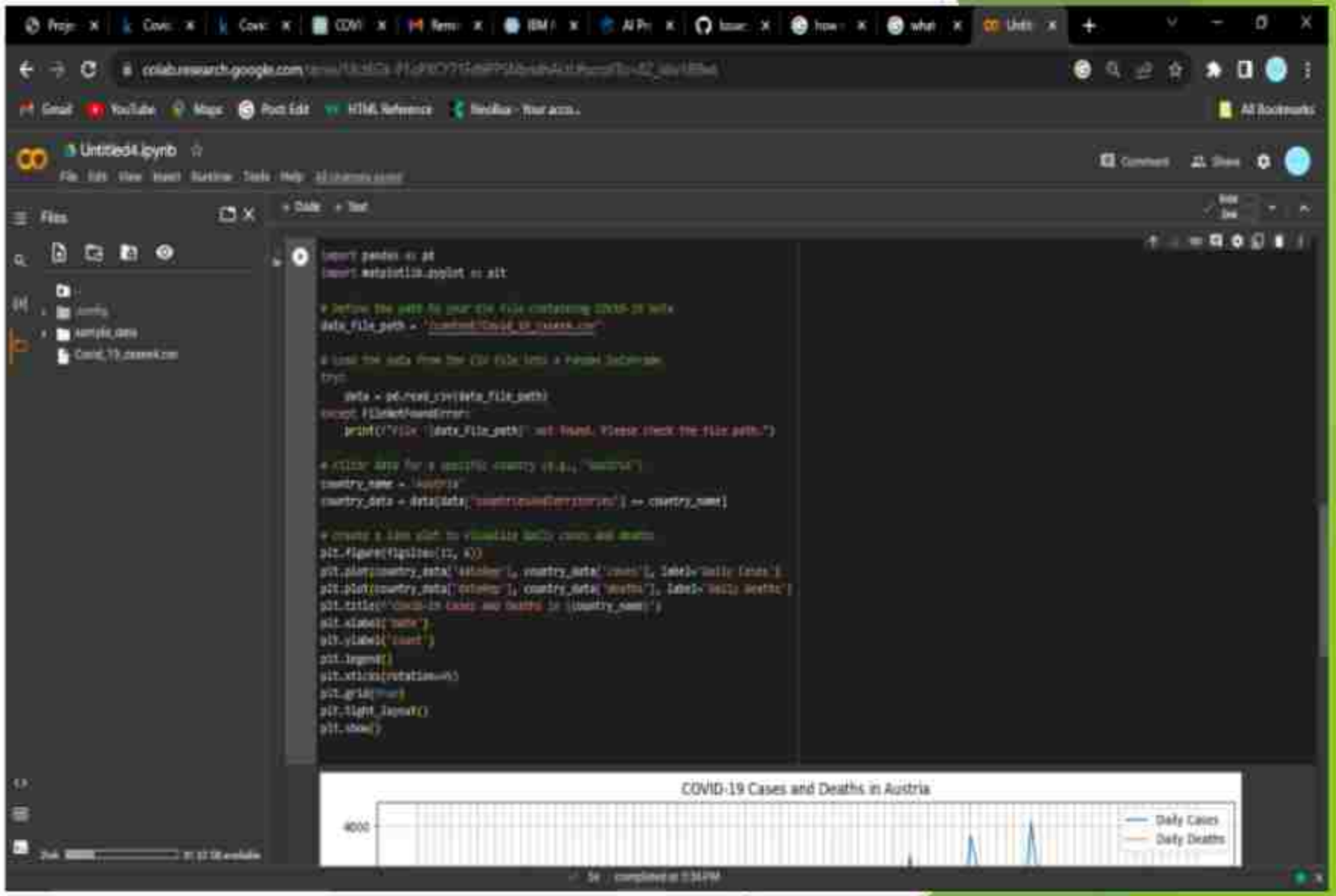

Mean COVID-19 Cases and Deaths by Country
Mean Cases
Mean Deaths
Mean Count
Country
0
5000
10000
15000
20000
Austria
Belgium
Bulgaria
Croatia
Cyprus
Czechia
Denmark
Estonia
Finland
France
Germany
Greece
Hungary
Iceland
Ireland
Italy
Latvia
Liechtenstein
Lithuania
Luxembourg
Malta
Netherlands
Norway
Poland
Portugal
Romania
Slovakia
Slovenia
Spain
Sweden

2.Data Collection: Obtain the provided data file containing COVID-19 cases and deaths information per day and by country in the EU/EEA.



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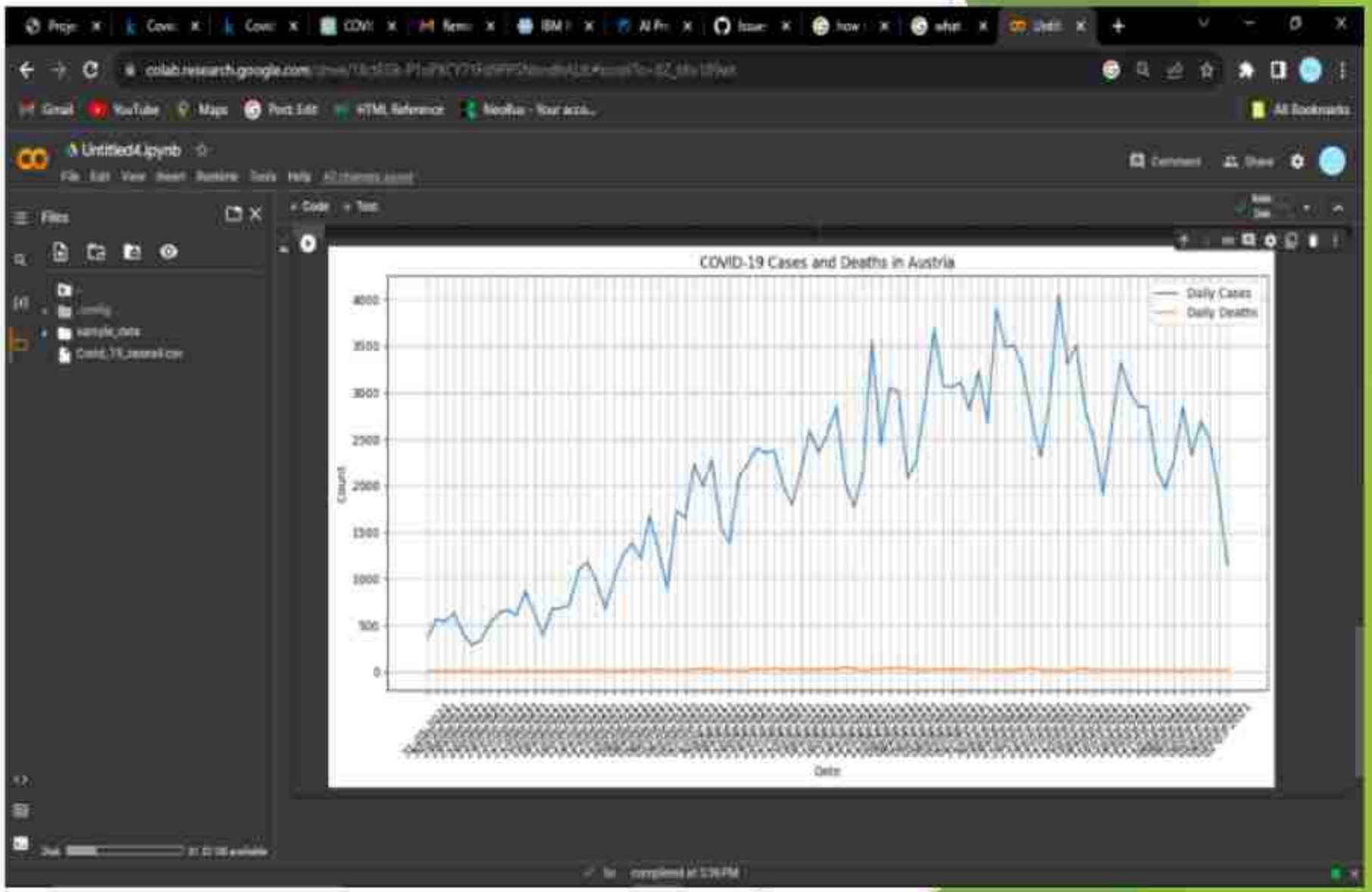
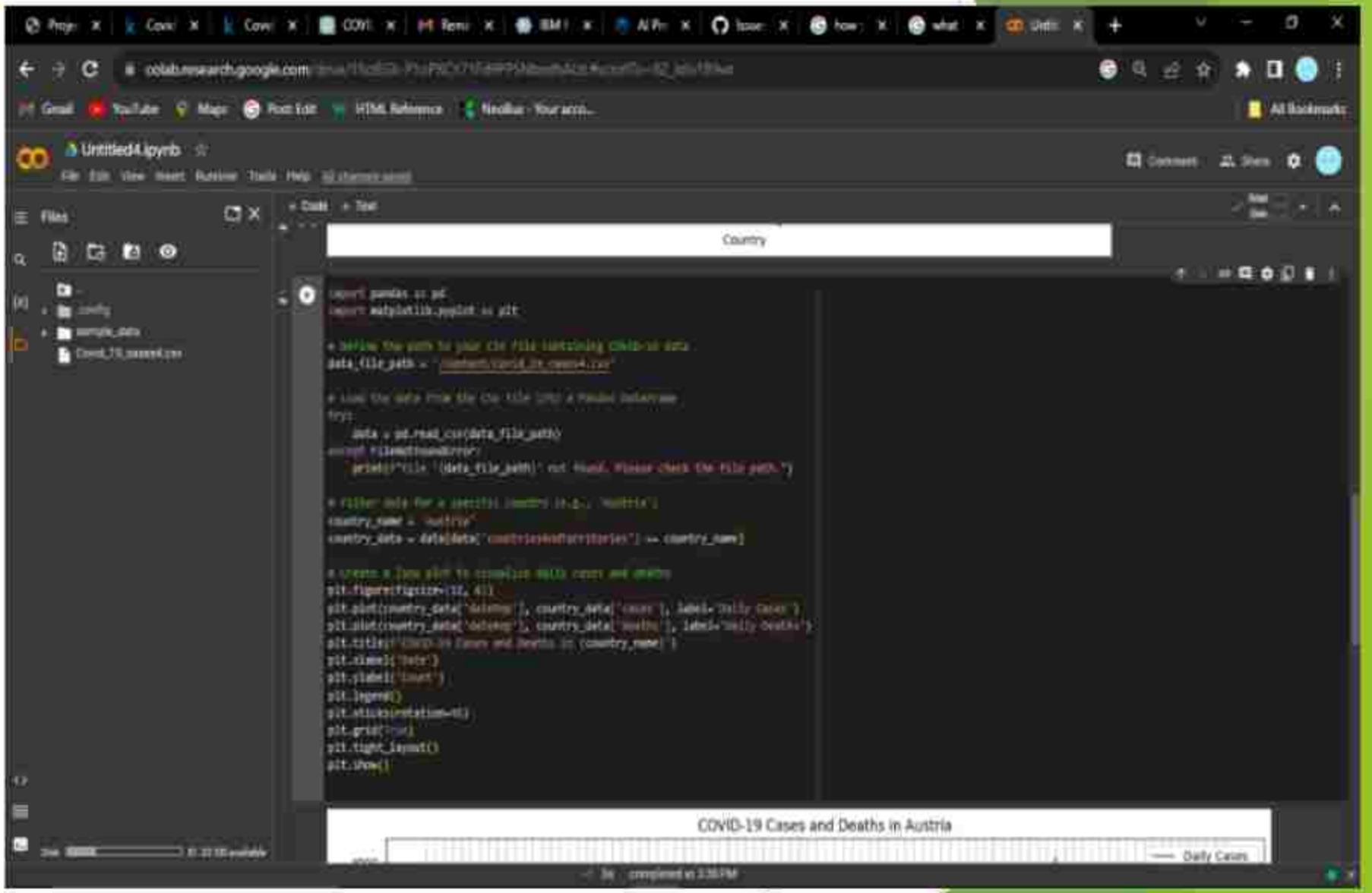

COVID-19 Cases and Deaths in Austria
Daily Cases
Daily Deaths
Count
Date
4000
3500
3000
2500
2000
1500
1000
500
0

3.Visualization Strategy: Plan how to visualize the mean values and standard deviations using IBM Cognos to create informative charts and graphs.



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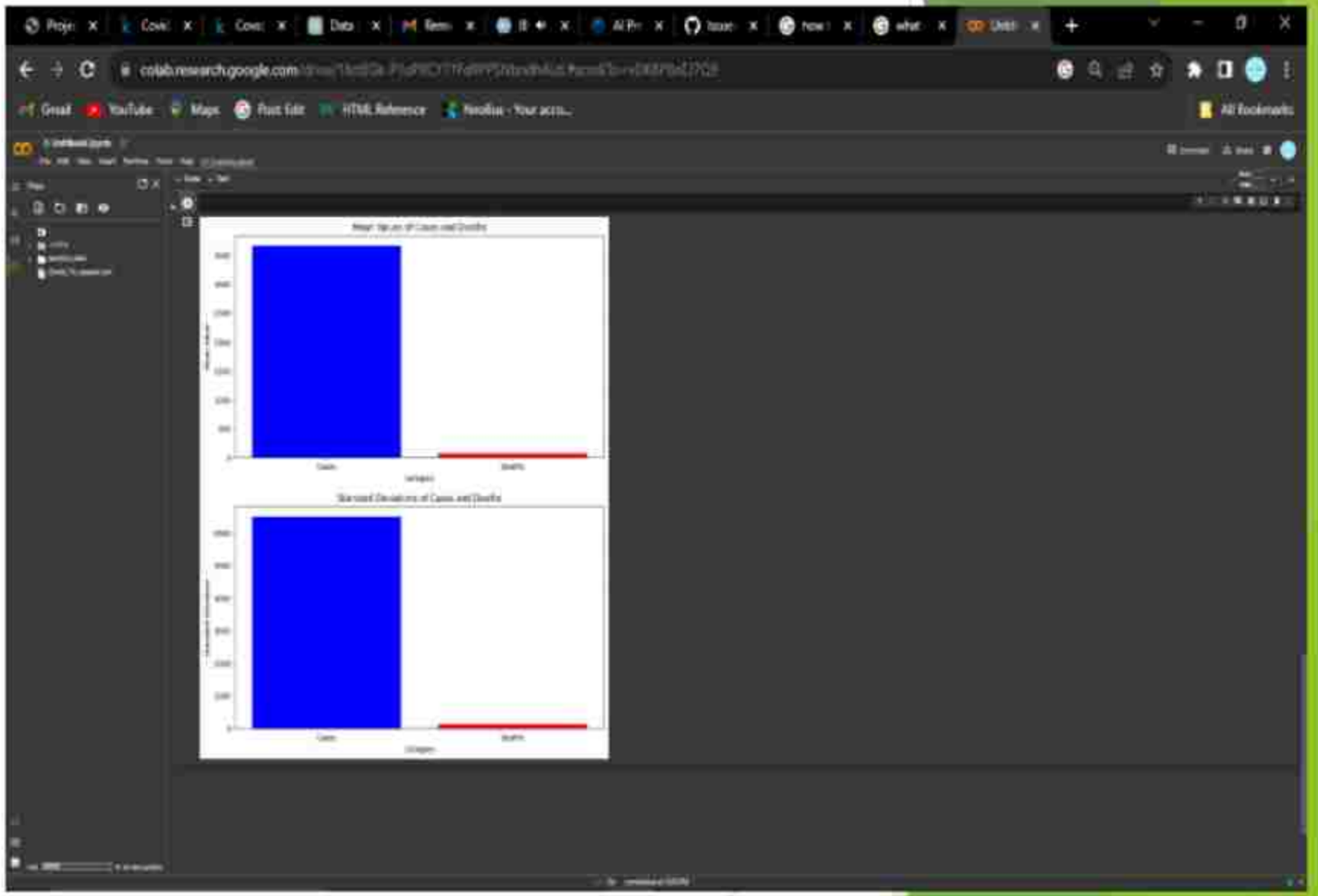
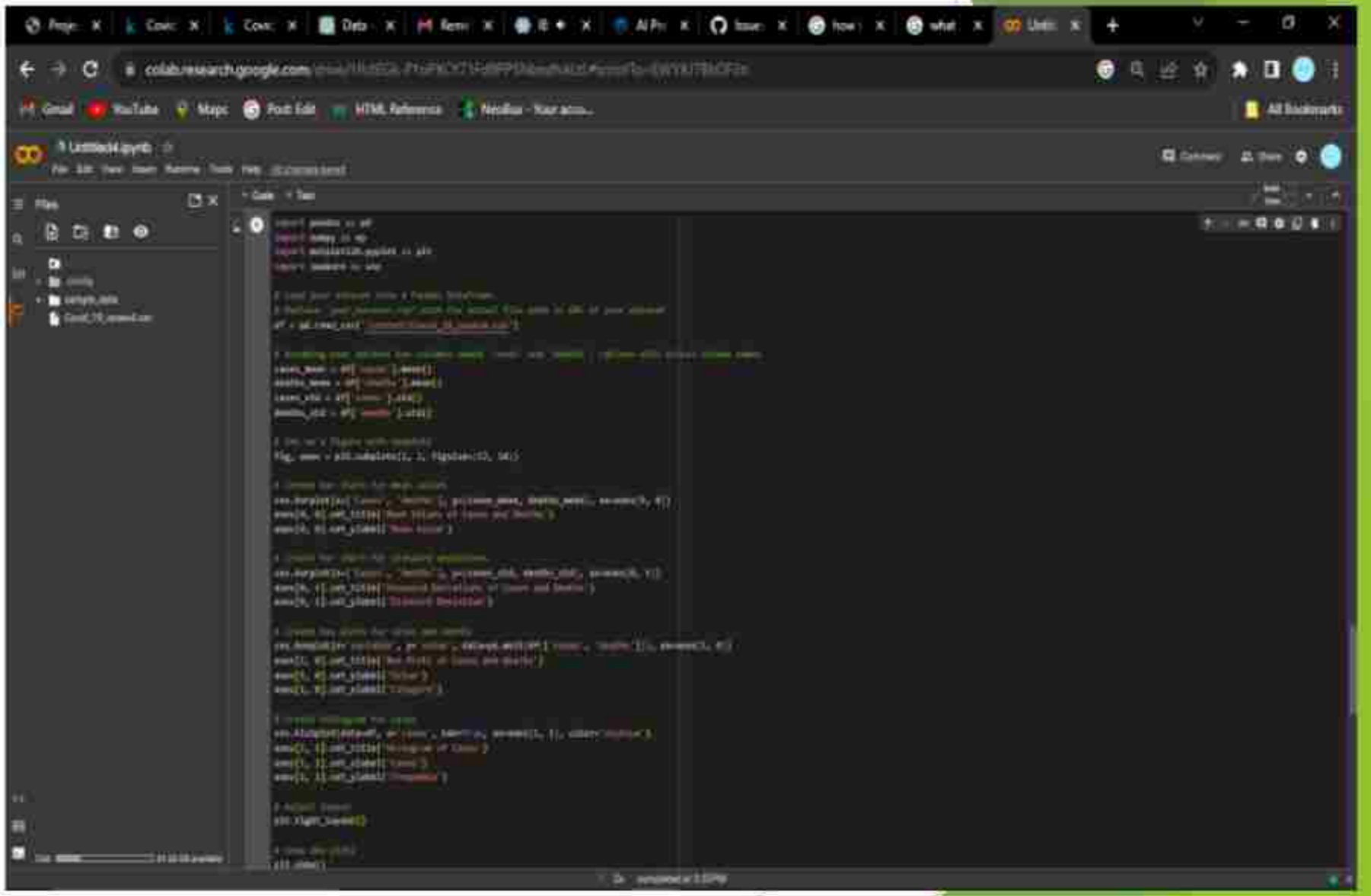


4.Insights Generation: Identify potential insights from the comparison of mean values and standard deviations of cases and deaths.



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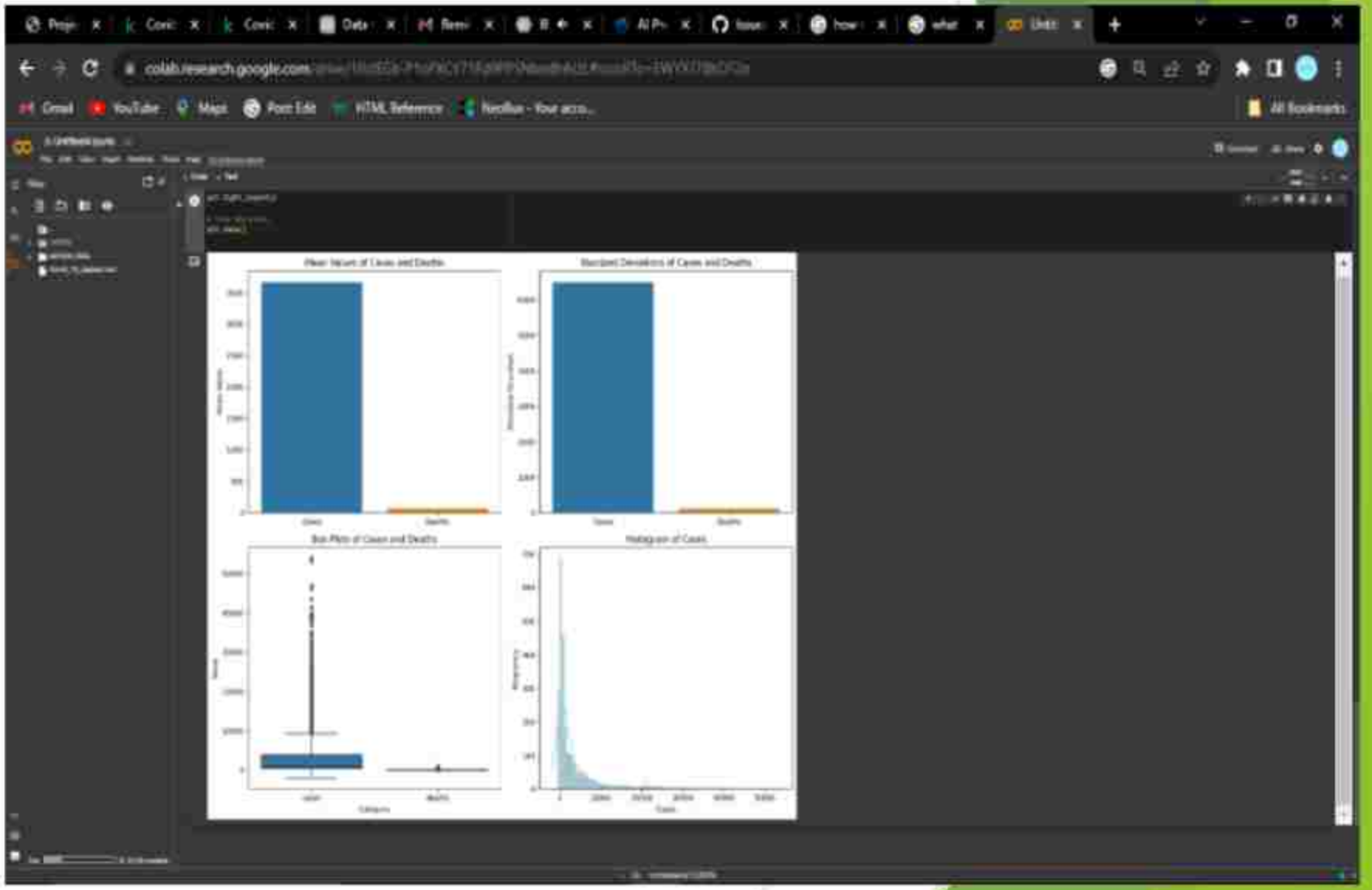
colab.research.google.com
Gmail
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Maps
Post Edit
HTML Reference
All Bookmarks
Mean Values of Cases and Deaths
Standard Deviations of Cases and Deaths
Box Plots of Cases and Deaths
Histogram of Cases

Conclusion

In conclusion, the analysis of COVID-19 trends in the EU/EEA region using IBM Cognos reveals valuable insights into the pandemic's impact. By examining mean values and standard deviations, we gain a comprehensive understanding of the severity, trends, and disparities across countries. These findings emphasize the need for tailored strategies and collaborative efforts to effectively combat the ongoing challenges posed by COVID-19.

Thanks!