COVID-19 Data Analysis

The project involves analyzing COVID-19 cases and deaths data using IBM Cognos.

OBJECTIVE:

Tocompare and contrast the mean values and standard deviations of cases and associated deaths per day and by country in the EU/EEA. This project encompasses defining analysis objectives, collecting COVID-19 data, designing relevant visualizations in IBM Cognos, and deriving insights from the data.

Analyzing COVID-19 data using IBM Cognos for the EU/EEA is a comprehensive project. To get started, we can follow these steps:

Define Analysis Objectives:

Clearly state thecgoals and what we aim to discover from the data. For example, above mentioned comparing mean values and standard deviations of cases and deaths per day and by country. Ensure your objectives are specific and well-defined.

Data Collection:

Gather reliable and up-to-date COVID-19 data for the EU/EEA region. We can source this data from reputable health organizations or government websites.

Data Preparation:

Clean and preprocess the data. This may involve handling missing values, data transformation, and structuring it in a way that's suitable for analysis.

IBM Cognos Setup:

Install and configure IBM Cognos as needed for your project.

Data Integration:

Import the prepared data into IBM Cognos. Ensure that it's well-organized and can be easily accessed for analysis.

Design Visualizations:

Create relevant visualizations such as line charts, bar charts, or heatmaps to represent COVID-19 cases and deaths data over time and by country.

Analysis:

Utilize IBM Cognos tools to calculate mean values and standard deviations for cases and deaths per day and by country.

Interpret Insights:

Analyze the visualizations and derived statistics to draw meaningful conclusions.

Report Generation:

Generate reports or dashboards in IBM Cognos to present your findings effectively. These reports should help stakeholders understand the insights we've derived.

Share and Collaborate:

Share your reports with relevant stakeholders and collaborate with them to ensure your analysis aligns with their needs and objectives.

Continuous Monitoring:

COVID-19 data is dynamic, so consider setting up automated updates for your analysis to stay current.

Privacy and Security Data:

Ensure that you handle sensitive health data with care and in compliance with data privacy regulations.

Remember that COVID-19 data analysis is crucial for public health decision-making, so accuracy and reliability are paramount. Regularly update your analysis as new data becomes available and adjust your insights accordingly.