**Project Title :**

Analysing COVID-19 Cases and Deaths Data using IBM Cognos

**Project definition :**

✓ The project aims to conduct a comprehensive analysis of COVID-19 cases and deaths data within the EU/EEA region using IBM Cognos.

✓Specifically, the objective is to compare and contrast the mean values and standard deviations of cases and associated deaths per day and by country.

✓This analysis will provide valuable insights into the variability and trends of COVID-19 cases and deaths across the region.

**Design Thinking Approach:**

**1.Analysis Objectives:**

**✓**The primary objective is to compare mean values and standard deviations of cases and deaths.

**✓**Secondary objectives include identifying trends, patterns, and potential correlations within the data.

**2.Data Collection:**

**✓**Acquire the provided data file containing COVID-19 cases and deaths information per day and by country in the EU/. EEA.

✓Verify the integrity, accuracy, and completeness of the dataset.

**3.Visualization Strategy:**

✓Utilise IBM Cognos to design visualisations that effectively convey the comparison of mean values and standard deviations.

✓Consider employing line charts, bar graphs, and scatter plots to highlight trends and variances.

**4.Insights Generation:**

•Identify potential insights through the comparison of mean values and standard

deviations:

✓ Detects anomalies or spikes in case and death rates.

✓Analyze variations in trends between different countries.

✓Assess the impact of public health measures on case and death statistics.

✓Determine if there are correlations between cases and death.

**CONCLUSION:**

**✓**This document outlines the project's objectives, design thinking approach. It serves as a guide for the successful execution of the COVID-19 data analysis using IBM Cognos.

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