**Project Title : Covid-19 using cognos**

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**Abstract:**

**Project Definition:** The project involves analyzing COVID-19 cases and deaths data using IBM Cognos. The objective is to compare 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.

**Design Thinking:**

1. Analysis Objectives:

* To specify the objectives of analyzing COVID-19 cases and deaths data, such as comparing mean values and standard deviations and understand the patterns of COVID-19 cases and deaths over time, identifying spikes, declines, and potential outbreaks.

2. Data Collection:

* To obtain the provided data file containing COVID-19 cases and deaths information per day and by country in the EU/EEA.
* This data is then used to generate insights and trends, assess the effectiveness of interventions, and predict future outbreaks.

3. Visualization Strategy:

* To visualize the mean values and standard deviations using IBM Cognos to create informative charts and graphs.
* Interactive dashboards with dynamic visualizations like line charts, heat maps, and geospatial representations to display trends over time and geographic regions of COVID-19 cases.

4. Insights Generation:

* To identify potential insights from the comparison of mean values and standard deviations of cases and deaths.
* These insights aid decision-makers in understanding current scenarios of , predicting future trends, and making informed choices.
* These insights guide policymakers and healthcare professionals in allocating resources, implementing containment strategies, and adjusting public health measures to manage and mitigate the impact of COVID-19 effectively.