

# COVID-19 using Cognos

## Phase 1: Problem Definition and Design Thinking

In this part you will need to understand the problem statement and create a document on what have you understood and how will you proceed ahead with solving the problem. Please think on a design and present in form of a document.

**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:** Define the specific objectives of analyzing COVID-19 cases and deaths data, such as comparing mean values and standard deviations.
2. **Data Collection:** Obtain the provided data file containing COVID-19 cases and deaths information per day and by country in the EU/EEA.
3. **Visualization Strategy:** Plan how to visualize the mean values and standard deviations using IBM Cognos to create informative charts and graphs.
4. **Insights Generation:** Identify potential insights from the comparison of mean values and standard deviations of cases and deaths.

**Dataset Link:** <https://www.kaggle.com/datasets/chakradharmattapalli/covid-19-cases>