COVID-19 using Cognos

PROJECT DEFINITION:

❖ The COVID-19 Data Analysis and Reporting Project is aimed at leveraging IBM Cognos to gather, analyse, and visualize data related to the COVID-19 pandemic.

❖ The primary objective of this project is to provide decision-makers, healthcare professionals, and the general public with accurate and up-to-date information on the status and impact of COVID-19.

❖ This project will involve collecting data from various sources, creating meaningful reports and dashboards, and ensuring data accuracy and accessibility.

DESIGN THINKING:

1.Analysis Objectives:

❖ Monitor and Visualize COVID-19 Trends
❖ Identify Hotspots and High-Risk Areas
❖ Evaluate Vaccine Distribution and Coverage
❖ Forecast Future COVID-19 Trends
❖ Ensure Data Quality and Integrity

2.Data Collection:

❖ Identify Data Sources
❖ Access Data
❖ Data Extraction
❖ Data Cleaning and Transformation
❖ Data Integration

3.Visualization Strategy:

Creating an effective visualization strategy for COVID-19 data using IBM Cognos involves designing visualizations that are not only aesthetically appealing but also informative, accessible, and actionable.

4.Insights Generation:

Generating insights from data is a crucial step in the data analysis process. It involves extracting meaningful and actionable information from raw data to support decision-making, problem-solving, and understanding of specific phenomena.