**Project Title:** Big Data Analysis with IBM Cloud Databases

**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.

**Problem Definition:**The project involves delving into big data analysis using IBM Cloud Databases. The objective is to extract valuable insights from extensive datasets, ranging from climate trends to social patterns. The project includes designing the analysis process, setting up IBM Cloud Databases, performing data analysis, and visualizing the results for business intelligence.

**Design Thinking:**

**1. Data Selection**: Identify the datasets to be analyzed, such as climate data or social media trends.

**2. Database Setup**: Set up IBM Cloud Databases for storing and managing large datasets.

**3. Data Exploration**: Develop queries and scripts to explore the datasets, extract relevant information, and identify patterns.

**4. Analysis Techniques**: Apply appropriate analysis techniques, such as statistical analysis or machine learning, to uncover insights

**5. Visualization:** Design visualizations to present the analysis results in an understandable and impactful manner.

**6. Business Insights:** Interpret the analysis findings to derive valuable business intelligence and actionable recommendations.