BIG DATA ANALYSIS WITH IBM CLOUD DATA BASE

Abstract:

This abstract outlines the utilization of IBM Cloud Database for Big Data analysis. It discusses how IBM's cloud-based platform facilitates efficient management, processing, and insights generation from large datasets, empowering data-driven decision-making across industries.

Problem Definition and Design Thinking:

1.Scope Clarification: Begin by defining the boundaries of the problem you're addressing to avoid ambiguity.

2.Context Understanding: Gain a deep understanding of the context surrounding the problem, including its history, stakeholders, and constraints.

3.User-Centered Approach: Consider the needs and perspectives of end-users to ensure the problem is framed from their standpoint.

4.Stakeholder Identification: Identify all relevant stakeholders, both internal and external, who are impacted by or can contribute to solving the problem.

5.Problem Statement: Formulate a concise and clear problem statement that encapsulates the essence of the issue to be solved.

6.Empathizing: Start by empathizing with the end-users to gain insights into their needs, pain points, and experiences.

7.Defining the Problem: Refine and solidify the problem statement based on the insights gathered during the empathy phase.

8.Ideation: Encourage brainstorming and creative thinking to generate a wide range of potential solutions.

9.Prototyping: Develop quick, low-fidelity prototypes or mock-ups of potential solutions to test and refine ideas.

10.Problem-Solving Tool: Design thinking is a versatile problem-solving tool applicable in various fields, from product design to service improvement.