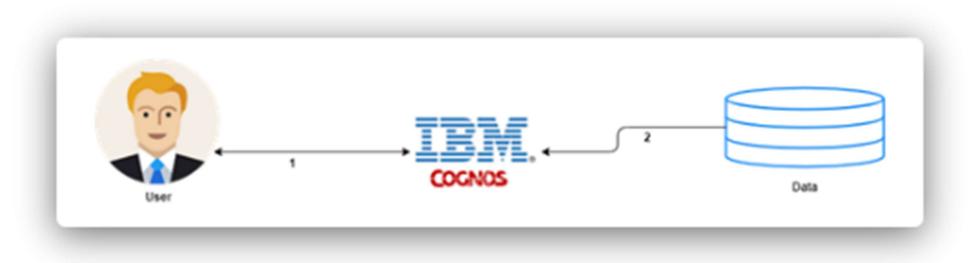
# Project Design Phase-II Technology Stack (Architecture & Stack)

Date	12 October 2022
Team ID	PNT2022TMID00847
Project Name	Project - GLOBAL SALES DATA ANALYTICS
Maximum Marks	4 Marks

#### **Technical Architecture:**

# **Technical Architecture:**



### Components & Technologies:

S.No	Component	Description	Technology
1	User Interface	How user interacts with application e.g.	IBM Cognos Analytics with Watson
		Web UI, Mobile App, Chatbot etc.	
2	UPLOAD DATA	Logic for a process in the application	IBM Cognos Analytics with Watson
3	PREPARE DATA	Logic for a process in the application	IBM Cognos Analytics with Watson
4	EXPLORATION	Logic for a process in the application	IBM Cognos Analytics with Watson
5	PRESENT DATA	Logic for a process in the application	IBM Cognos Analytics with Watson
6	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant
7	File Storage	File storage requirements	IBM CLOUD
8	Infrastructure (Server / Cloud)	Application Deployment on Local System /	IBM CLOUD.
		Cloud	
		Local Server Configuration:	
		Cloud Server Configuration :	

## **Application Characteristics:**

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the frameworks used	IBM COGNOS With Watson,IBM
			CLOUD
2.	Security Implementations	List all the security / access controls	LDAP OR Active Directory
		implemented, use of firewalls etc.	
3.	Scalable Architecture	Justify the scalability of architecture	Three server tiers: Web Tier.
4.	Availability	Ability to create complex, multi-page layouts	WebSphere® Application Server,
		using different data sources. High	Cognos® Business
		performance data access across all sources.	Intelligence server
		Complete connectivity regardless of	
		environment.	
5.	Performance	Design consideration for the performance of	3IBM® Cognos® Performance
		the application.	Management Hub (PMHub)