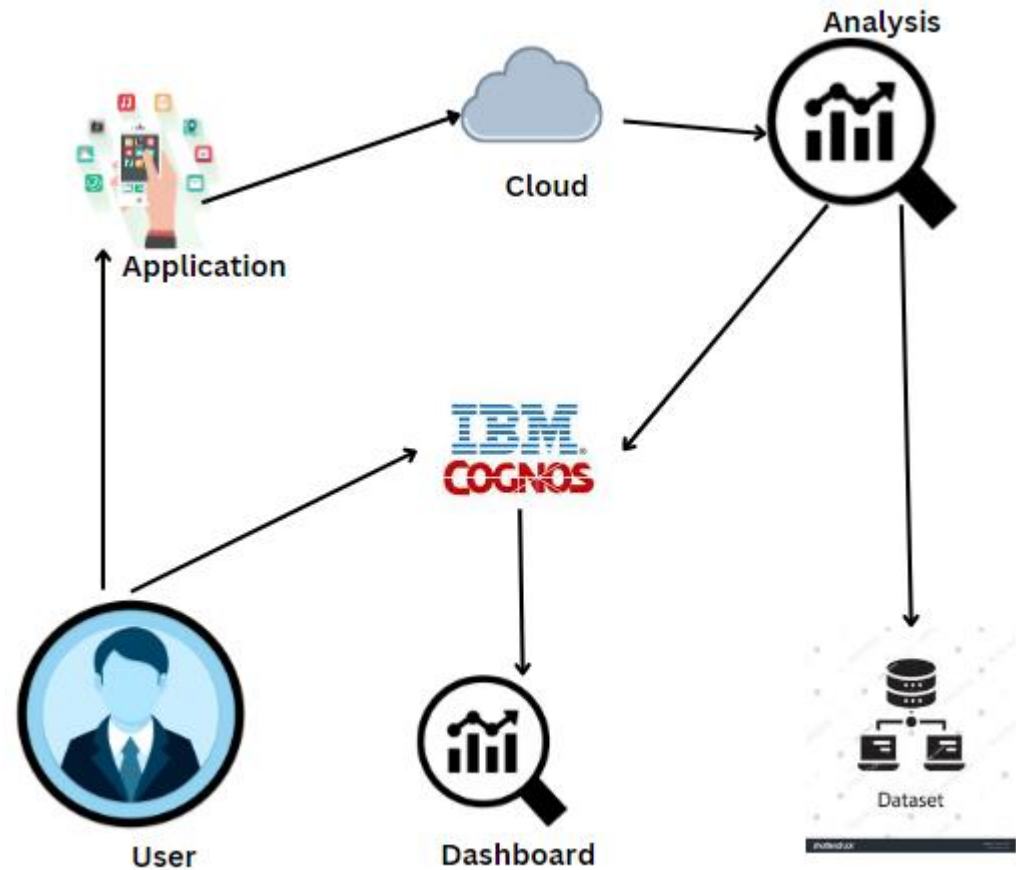


Project Design

Phase-II Technology Stack (Architecture & Stack)

Date	19 October 2022
Team ID	PNT2022TMID30128
Project Name	Project – Global Sales Data Analytics
Maximum Marks	4 Marks

Technical Architecture:



Components & Technologies:

S.No	Component	Description	Technology
1	User Interface	How user interacts with application	IBM Cognos Analytics
2	Working with the dataset	Cleaning, extracting process of dataset is done	IBM Cognos Analytics with Watson
3	Data Exploration	Information in the dataset is identified	IBM Cognos Analytics with Watson
4	Data Visualization	Data is represented in form of chart, table and graph in an interactive way	IBM Cognos Analytics with Watson
5	Outcome of analysis process	The user will see the visualization through dashboards, report and story	IBM Cognos Analytics with Watson
6	Cloud Database	Uploaded data are stored in the cloud database (Database Service on Cloud)	IBM DB2, IBM Cloudant
7	File Storage	File storage requirements	IBM CLOUD

Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the frameworks used	IBM COGNOS With Watson, IBM CLOUD
2.	Security Implementations	Secure storage and access of information	LDAP or Active Directory
3.	Scalable Architecture	Supports data in different size	IBM Cloud
4.	Availability	Ability to create complex, multi-page layouts using different data sources. High performance data access across all sources. Complete connectivity regardless of environment.	WebSphere® Application Server, Cognos® Business Intelligence server
5.	Performance	Large amount of information can be processed.	3IBM® Cognos® Performance Management Hub (PMHub)