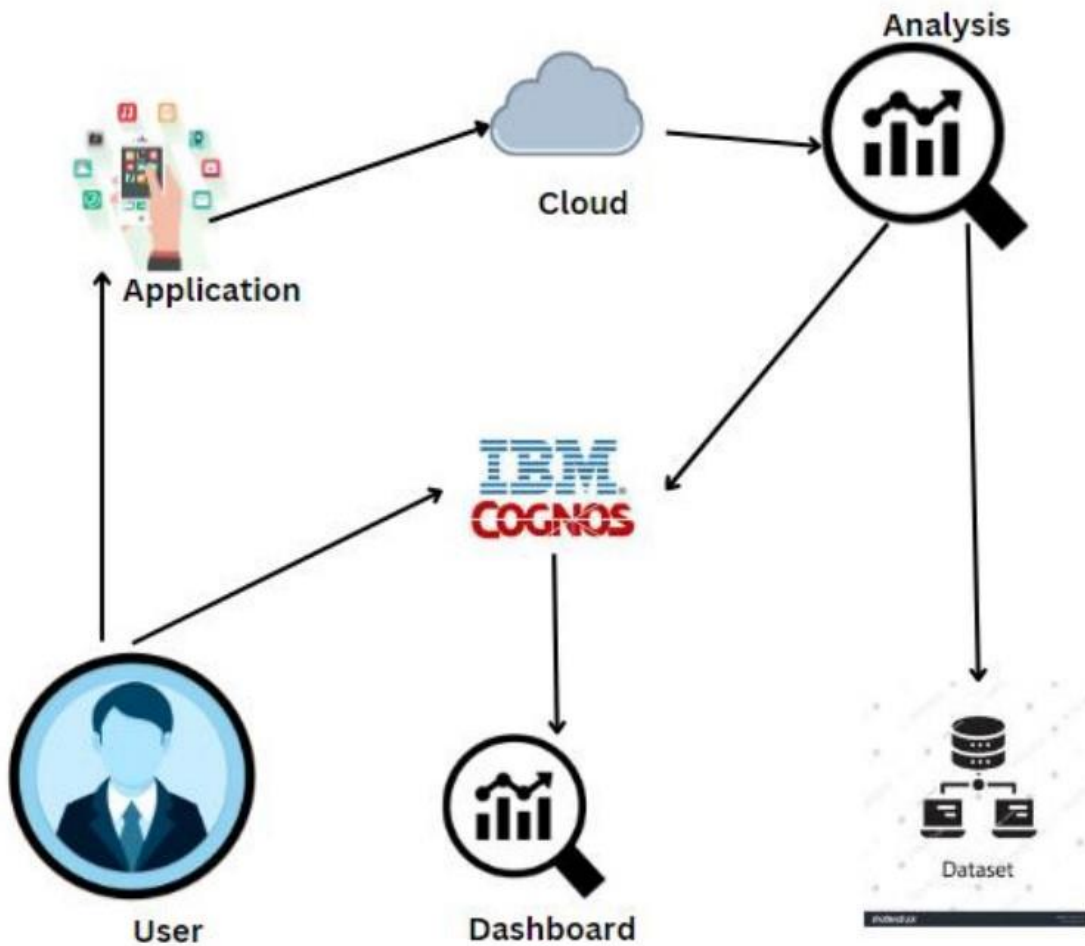


Project Design Phase-II

TECHNOLOGY STACK

Date	20-October-2022
Team ID	PNT2022TMID05132
Project Name	GLOBAL SALES DATA ANALYTICS
Team Members	ABISEKH M -(921319106005) ABDUSH SAMAD M-(921319106002) ABIKRISHNA M - (921319106003) ARAVINDAN N - (921319106020)

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
3	Data Exploration	Information in the dataset is identified	IBM Cognos Analytics
4	Data Visualization	Data is represented in form of chart, table and graph in an interactive way	IBM Cognos Analytics
5	Outcome of analysis process	The user will see the visualization through dashboards, report and story	IBM Cognos Analytics
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	Component	Description	Technology
1	Open-Source Frameworks	List the frameworks used	IBM Cognos Analytics, 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 serve
5	Performance	Large amount of information can be processed.	IBM Cognos Performance Management Hub