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

Date	13 October 2022
Team ID	PNT2022TMID28002
Project Name	Global Sales Data Analytics
Maximum Marks	4 Marks

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	Dataset	A complete dataset which has a variety of data from the previously recorded sales.	NA
2.	Cloud Database	The model is provided with data from IBM cloud database	IBM Cloud DB.
3.	Data Analyzer	Used to analyze the given dataset with a given condition as a parameter.	IBM COGNOS.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Data Visualization	The given Dataset can be easily visualized with the usage of various graphs and charts.	IBM Cognos
2.	Security Implementations	Request authentication the verification process, so that the data is ensured to be safe in use.	IBM Cloud DB and IBM Cognos.
3.	Scalable Architecture	Support for Multiple Sample prediction using Excel File	Pandas, Numpy IBM Cognos
4.	Availability	Availability is increased by Distributed Servers in Cloud VPS	IBM Cloud Hosting

Technical Architecture: