Date	**11/08/2002**
Team ID	**PNT2022TMID00859**
Project Name	**Project – Corporate Employee Attrition**
Maximum Marks	**4 marks**

Technical Architecture:

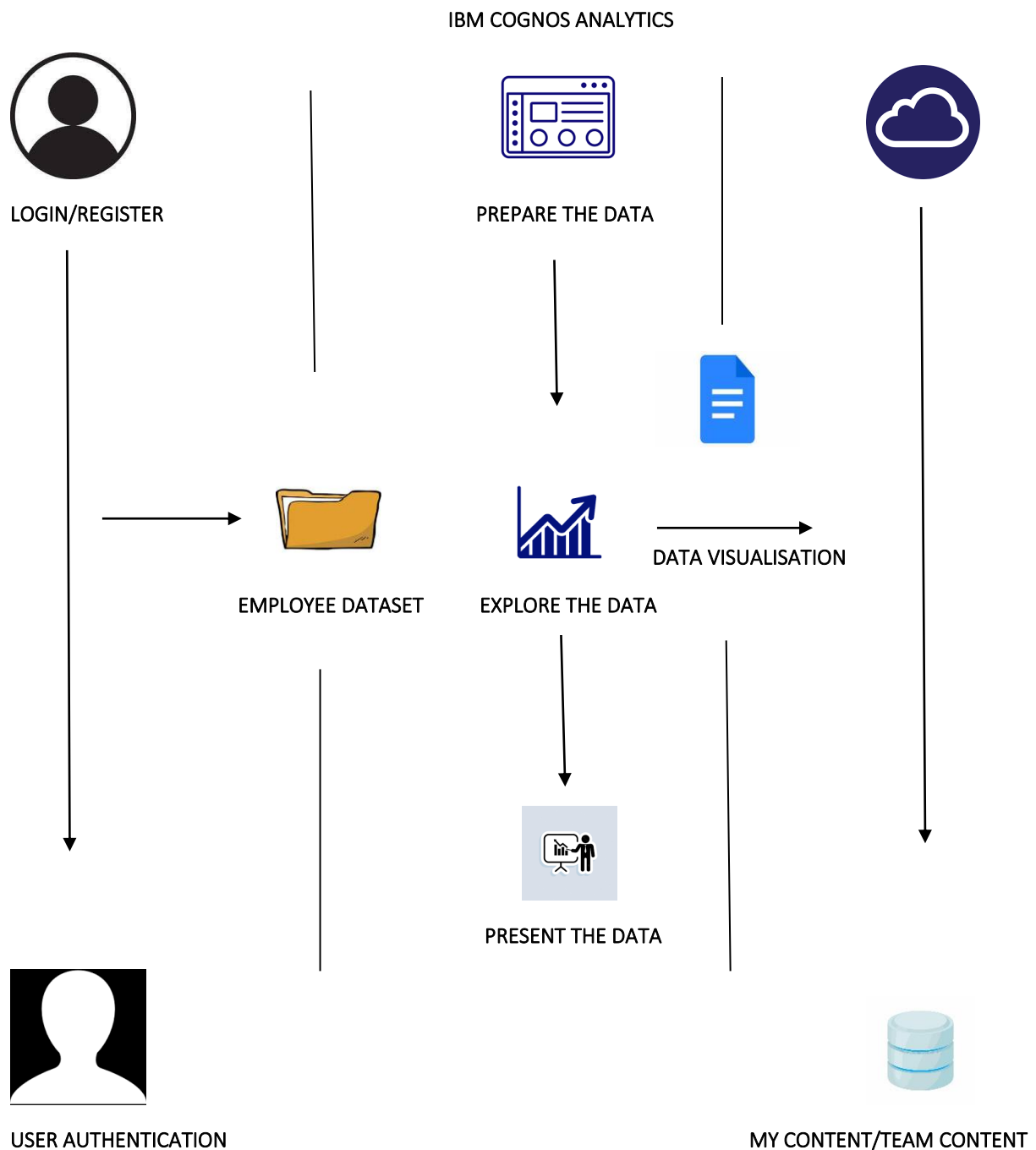The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

Table-1: Components & Technologies:

S. No	Component	Description	Technology
1.	User Interface	Mostly GUI components accessed through provided links	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Database	Manipulating given datasets	MySQL, NoSQL, etc.
3.	File Storage	Datasets can be uploaded tp your Cognos Account	IBM Block Storage or Other Storage Service or Local Filesystem
4.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration:	Local, Cloud Foundry, Kubernetes, etc.

Table-2: Application Characteristics:

S. No	Characteristics	Description	Technology
1.	Open-Source Frameworks	IBM provides tools for simple to complex visualisations to be implemented	IBM Cognos Analytics
2.	Security Implementations	It provides Exclusivity and is only ever share-able from your own account	Encryptions, IAM Controls, OWASP etc
3.	Scalable Architecture	It is capable of handling very large datasets	Cognos Analytics
4.	Availability	Clicking on the shared link redirects you to the data visualisations as long as you have an account	Cognos Analytics
5.	Performance	It is a simple tool that can be used to achieve complex and large visualisations with ease	Cognos Analytics