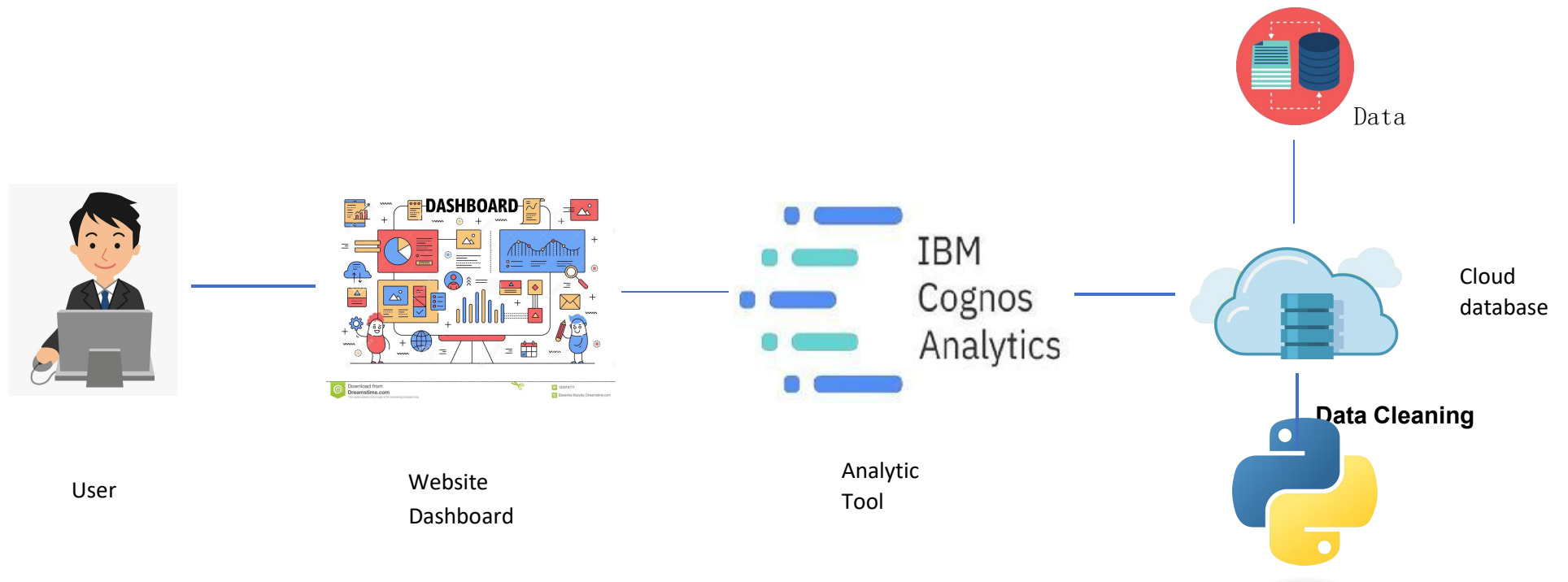


## Project Design Phase-II Technology Stack (Architecture & Stack)

Date	03 October 2022
Team ID	PNT2022TMID53427
Project Name	Project – Global Sales Data Analytics
Maximum Marks	4 Marks

### Technical Architecture:



**Table-1 : Components & Technologies:**

S.No	Component	Description	Technology
1.	User Interface	Web UI-IBM cognos	HTML
2.	Application Logic-1	Preparing the dataset	Python
3.	Application Logic-2	Data Exploration	IBM Cognos
4.	Application Logic-3	Data Visualization	IBM Cognos
5.	Cloud Database	Database Service on Cloud	IBM DB2
6.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local File system
7.	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	For data pre-processing and data cleaning	Google Collaboratory, Jupyter notebook
2.	Scalable Architecture	Supports various data sizes	IBM Cognos Analytics
3.	Availability	Supports all compactable web browser	Any web browser
4.	Performance	Processing huge amount of data and make dashboards	IBM Cognos Analytics