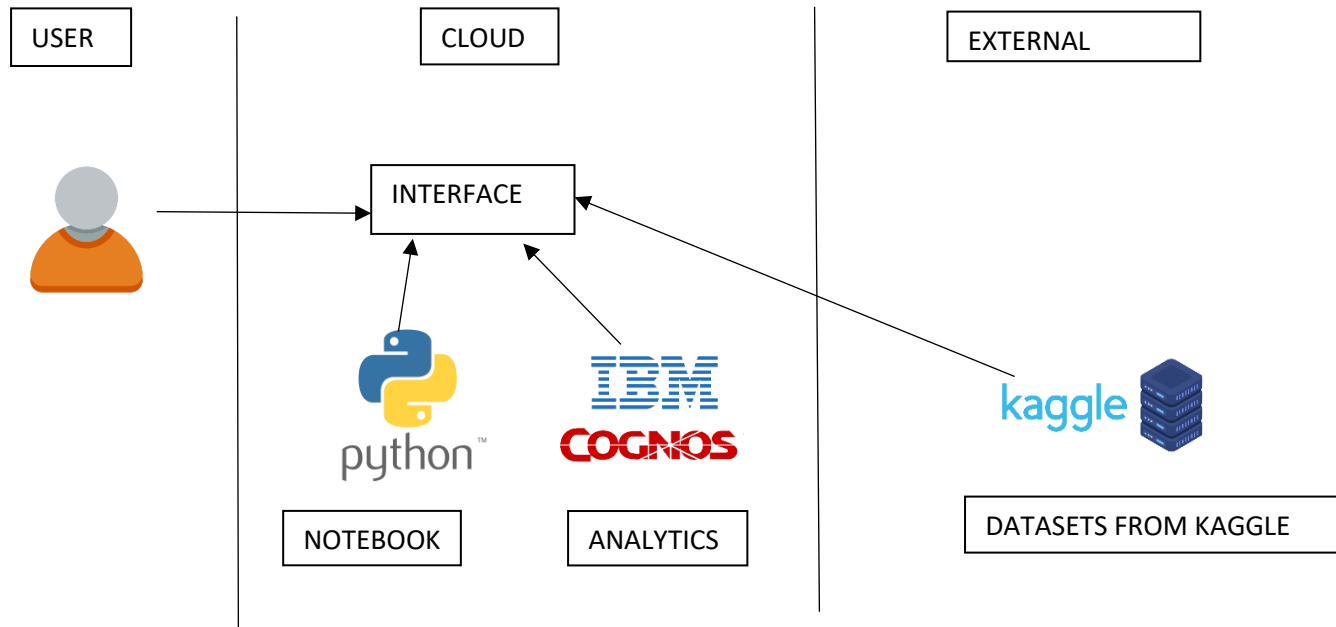


## Project Design Phase-II Technology Stack (Architecture & Stack)

Team ID	PNT2022TMID53188
Project Name	Project - Airlines Data Analytics for Aviation Industry

### 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	User views the analytics performed	Python interface
2.	Application Logic-1	Airlines data analytics	IBM Cognos
3.	Application Logic-2	Airlines data analytics	Collab/Jupyter or any notebook
4.	File Storage	File storage – CSV Files (dataset)	In IBM Cognos and notebook
5.	Dataset	Dataset used	From Kaggle
6.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud	IBM Cloud

**Table-2: Application Characteristics:**

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Open-source framework	Python