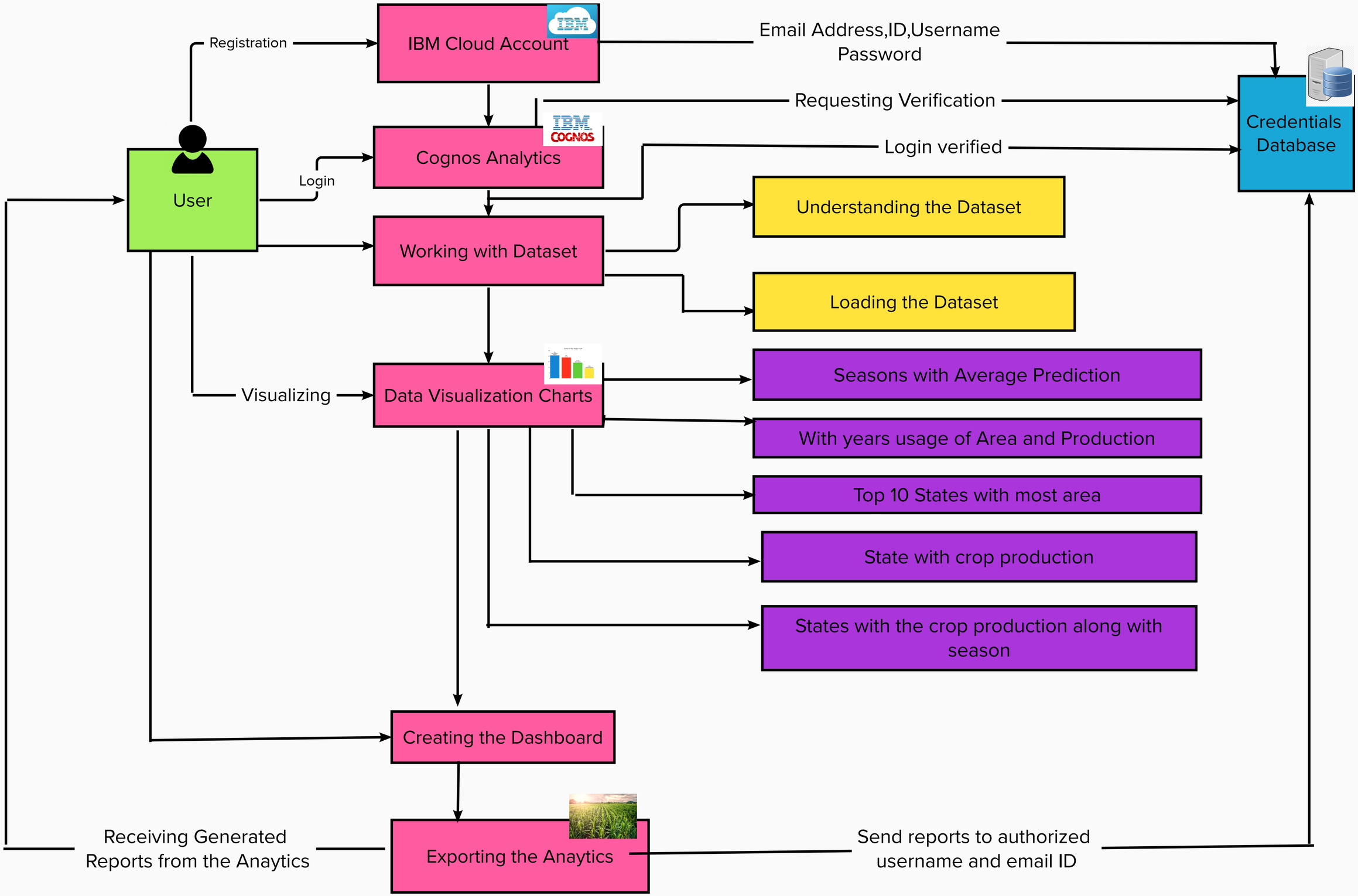
Project Design Phase-II
Data Flow Diagram & User Stories

Date	**03 October 2022**
Team ID	**PNT2022TMID20578**
Project Name	**Estimate the crop yield using data analytics**
Maximum Marks	**4 Marks**

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.


Registration
IBM Cloud Account
Email Address,ID,Username
Password
Requesting Verification
Credentials
Database
Login verified
Login
User
Cognos Analytics
Understanding the Dataset
Working with Dataset
Loading the Dataset
Seasons with Average Prediction
Visualizing
Data Visualization Charts
With years usage of Area and Production
Top 10 States with most area
State with crop production
States with the crop production along with
season
Creating the Dashboard
Receiving Generated
Reports from the Anaytics
Exporting the Anaytics
Send reports to authorized
username and email ID

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer (Mobile user)	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Mobile user)	Registration	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
Customer (Mobile user)	Registration	USN-4	As a user, I can register for the application through Gmail	I can register for the application through Gmail	Medium	Sprint-1
Customer (Mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password	I can log into the application by entering email & password	High	Sprint-1
Customer (Mobile user)	Working with Dataset	USN-6	As a user, I can able to work with Dataset	I can able to understand and load the dataset	High	Sprint-2
Customer (Mobile user)	Data Visualizing Charts	USN-7	As a user, I can able to visualize the data into charts	I can able to visualize the data into charts	Medium	Sprint-2
Customer (Mobile user)	Creating the Dashboard	USN-8	As a user, I can able to create the Dashboard	I can able to create the Dashboard	Medium	Sprint-3
Customer (Mobile user)	Exporting Analytics	USN-9	As a user, I can export the analytics	I can able to export the analytics and find the crop yield	High	Sprint-3