

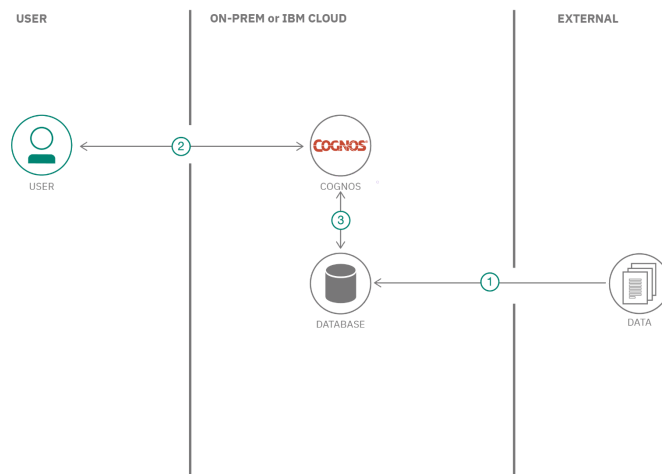
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID00162
Project Name	Project - Estimate the Crop Yield Using Data Analytics
Maximum Marks	4 Marks

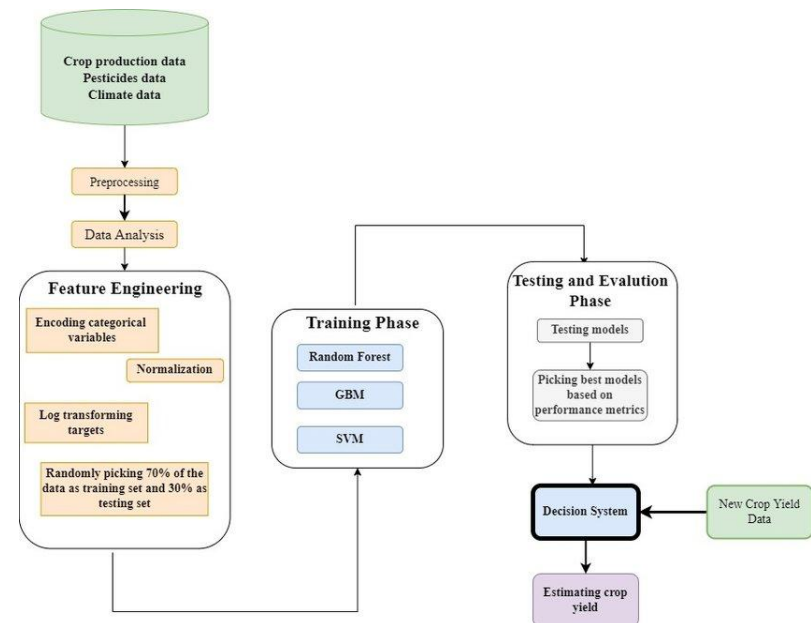
Data Flow Diagrams:

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.

FLOW:



DFD (Industry Standard)



User Stories

List of all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-1	To collect and understand the dataset		Medium	Sprint-1
		USN-2	Load the dataset into the IBM Cognos platform and create a demo visualization and run the demo	can be used to visualize the data in different charts	High	Sprint-1
		USN-3	Customize Data Visualization as below: 1) Seasons with average productions 2) With years usage of Area and Production	Customization of data can be visualized	Medium	Sprint-2
		USN-4	Customize Data Visualization as below: 1) Top 10 States with most area 2) State with crop production 3) States with the crop production along with season (Text Table)	Customization of data can be visualized	Medium	Sprint-2
		USN-5	Create a interactive dashboard with the mentioned customization	Customers can use the interactive dashboard to visualize the data and to view different with required filters	High	Sprint-3
Customer (Web user)		USN-6	Export the analysis and display it to the user	User can view different visualization in custom dashboard on crop production in India	High	Sprint-4