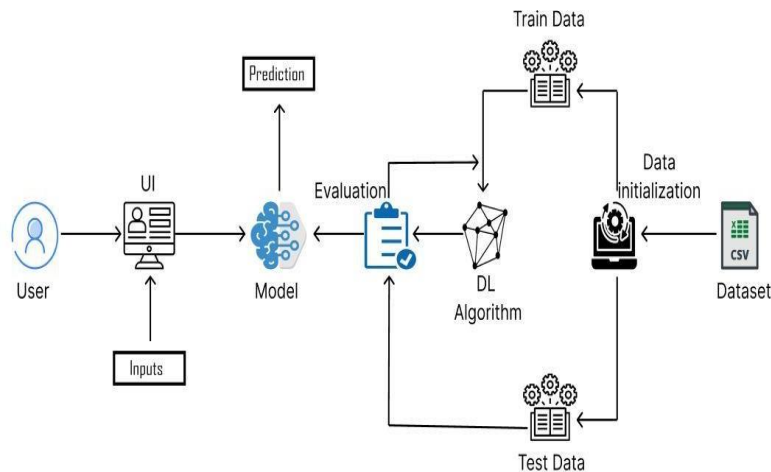


Project Design Phase-II Data Flow Diagram & User Stories

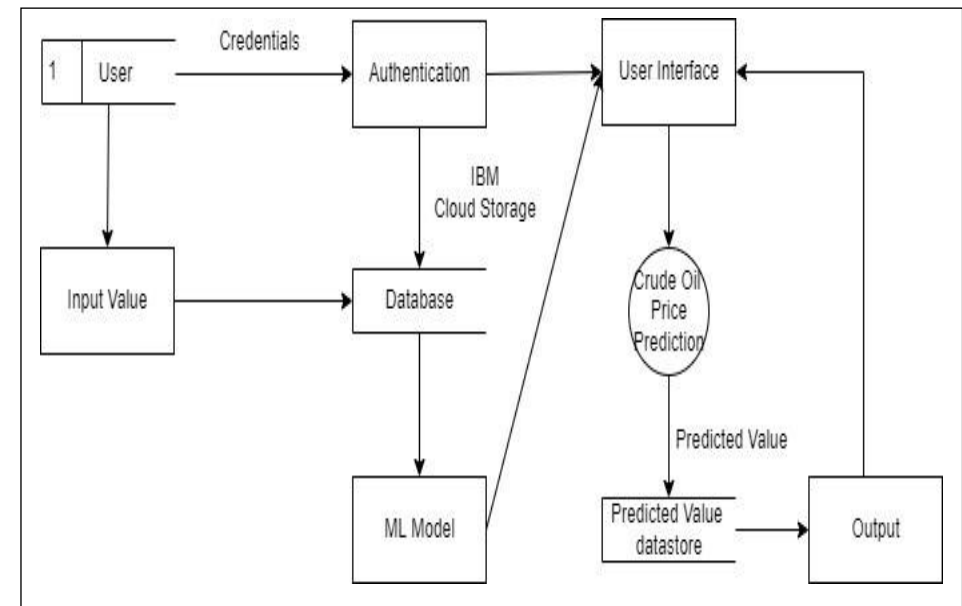
Date	12 October 2022
Team ID	PNT2022TMID53313
Project Name	Project – Crude Oil Price Prediction
Maximum Marks	4 Marks

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.



DFD for Crude Oil Price Prediction



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (common People, Business man)	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
		USN-2	As a user, I can register for the application by entering my Facebook id.	I can register and access the dashboard with Gmail	High	Sprint-1
	Login	USN-3	As a user, I can log into the application by entering email & password	I can login and access using the email and password	Low	Sprint-2
	Dataset Management	USN-4	As a user, I split the dataset for training and testing.	Dataset split for training and testing.	High	Sprint-1
	Model Building	USN-5	As a user I build a model and train the model, test the model to predict the future price.	The model is build and model is trained and tested.	High	Sprint-1
Administrator	Login	USN-1	As an Administrator, I can login into the analysis page.	I can login using email and password.	High	Sprint-1
	Dashboard	USN-2	As an Administrator, I can access the Dashboard.	I can update the details of the features.	Medium	Sprint-2
	Authentication	USN-3	As an Administrator, I can verify the identity of the user.	I can check the email and password is correct or not.	High	Sprint-1
	Authorization levels	USN-4	As an Administrator, I can determine the extent of system rights that the user has access to.	I can verify the user has been properly identified and authenticated.	Medium	Sprint-2