

Project Design Phase-II Data Flow Diagram & User Stories

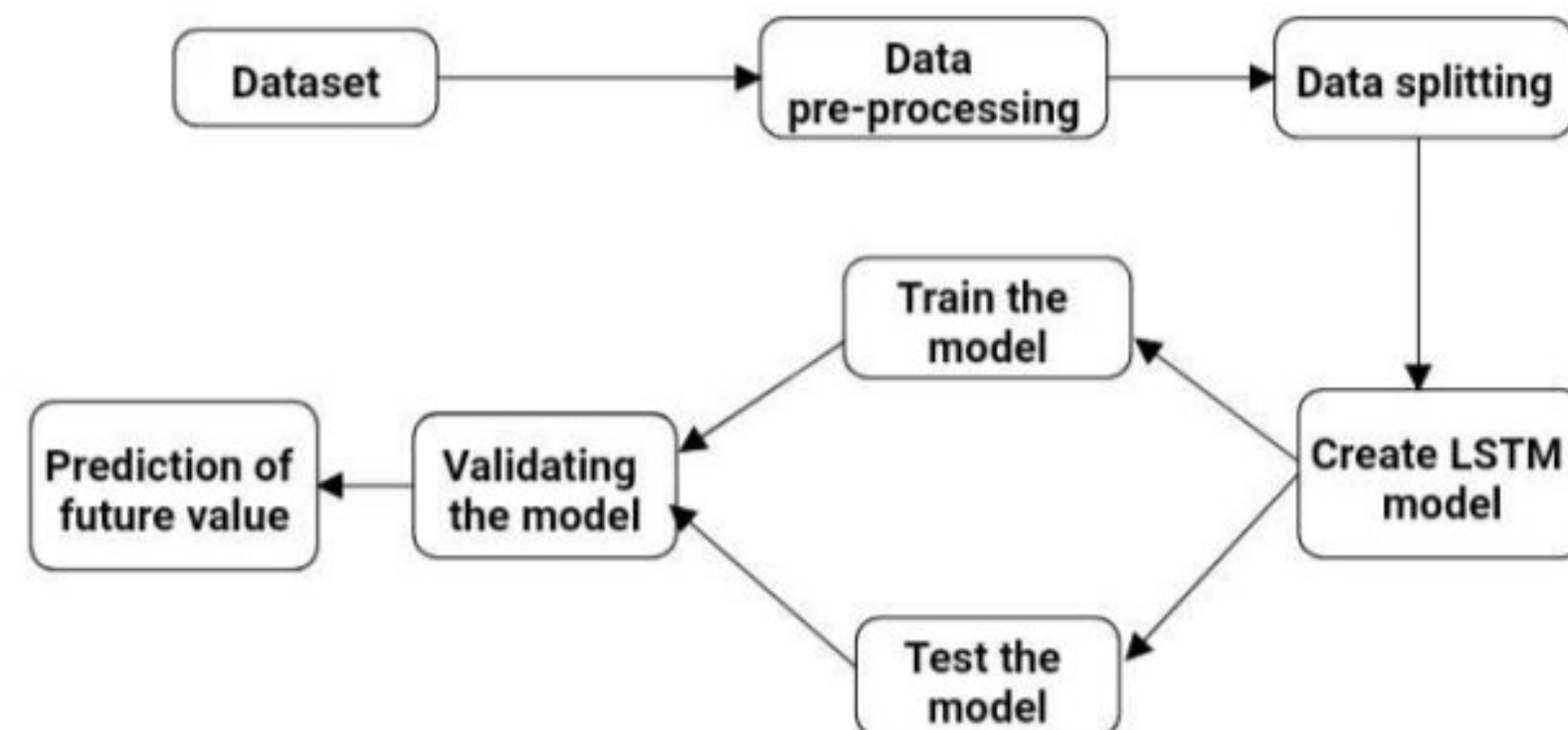
Date	15 October 2022
Team ID	PNT2022TMID40520
Project Name	Crude Oil Price Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

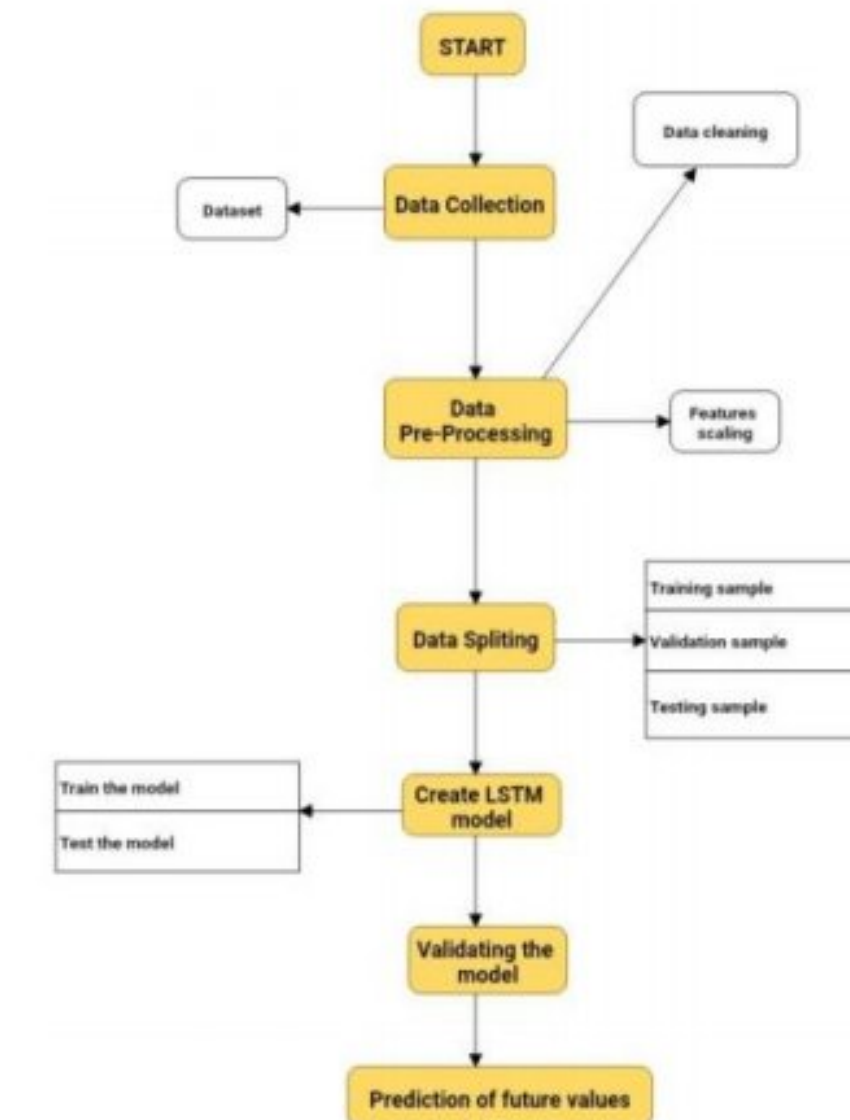
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is simplified.

Example: [Simplified](#)

Flow



EXAMPLE: DFD Level 0(Industry Standard)



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 (People)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I can register for the application through Gmail.	I can register & access the dashboard with Gmail.	Medium	Sprint-2
	Login	USN-3	As a user, I can log into the application by entering email & password.	I can login using the email & password.	High	Sprint-1
	Historical data 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