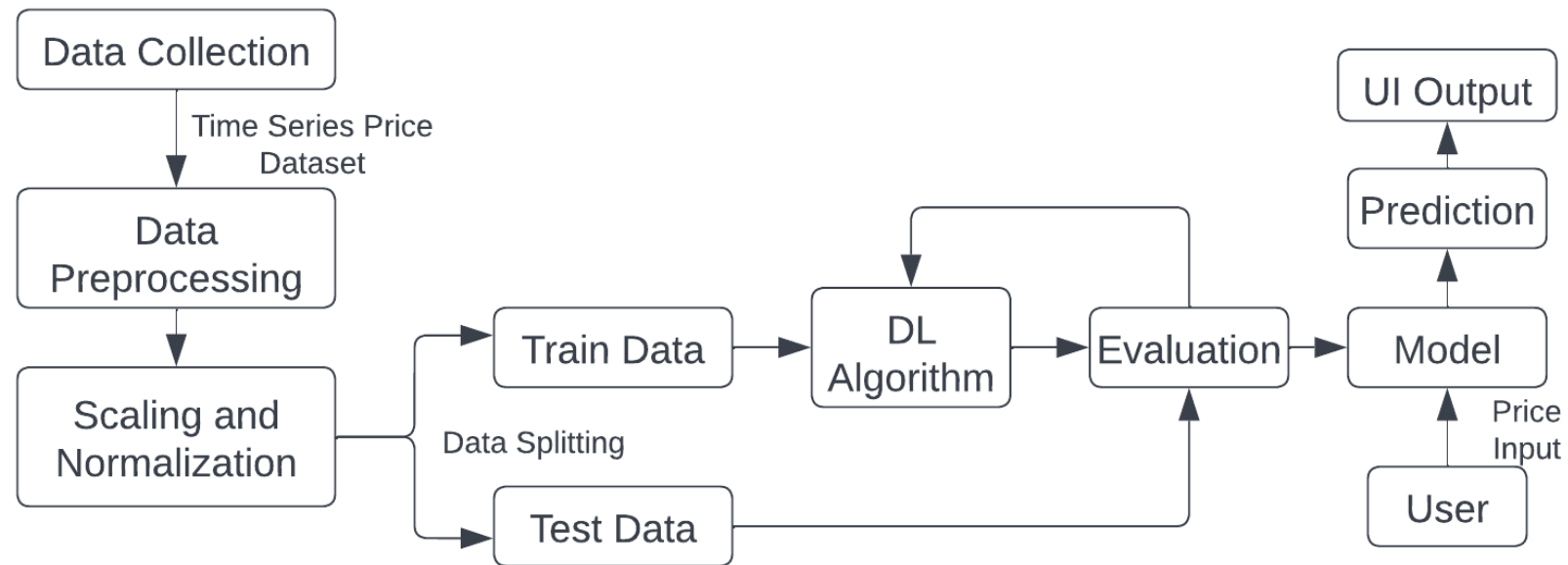


## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID13214
Project Name	Project – Crude Oil Price Prediction

#### Data Flow Diagram:



## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	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 dashboard	High	Sprint-1
		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
		USN-3	As a user, I can register for the application through Gmail	I can register for the dashboard using Gmail	Medium	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering my credentials	I can login successfully with my credentials	High	Sprint-2
	Dashboard	USN-5	As a user, I can view the dashboard after authentication.	I can view the Dashboard after authentication	High	Sprint-3
	Input Parameters	USN-6	As a user, I can give the input required for crude oil price prediction	I can view the predictions.	High	Sprint 4
Administrator	Registration	USN-7	As an administrator, I can register for the application by entering my email, password, and confirming my password.	I can access my dashboard	High	Sprint-2
	Login	USN-8	As an administrator, I can log into the application by entering my credentials	I can login successfully with my credentials	High	Sprint-2
	Upload Dataset	USN-9	As an administrator, I can upload the dataset containing the time series price history.	I can upload the dataset successfully	High	Sprint-3
	Model Training	USN-10	As an administrator, I can train the RNN-LSTM model on the dataset	I can train the model successfully	High	Sprint-3