

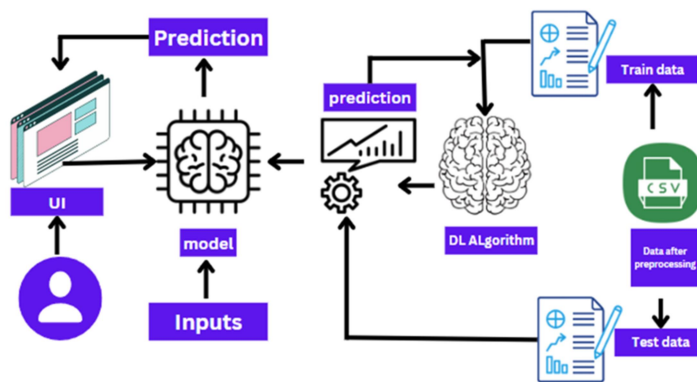
## Project Design Phase-II Data Flow Diagram & User Stories

|               |                                      |
|---------------|--------------------------------------|
| Date          | 03 October 2022                      |
| Team ID       | PNT2022TMID10046                     |
| Project Name  | Project – Crude Oil Price Prediction |
| Maximum Marks | 4 Marks                              |

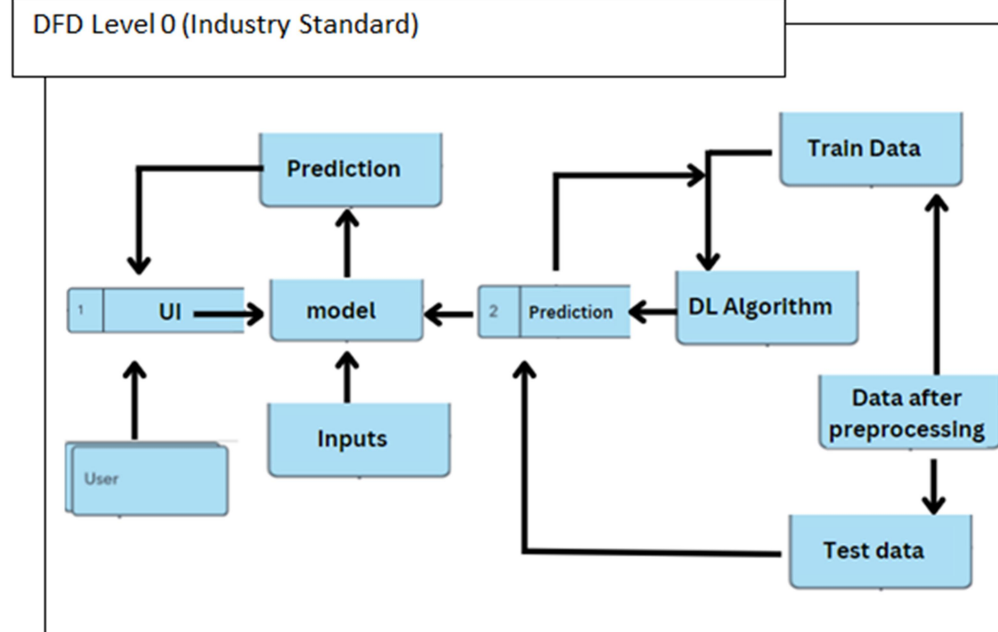
### Data Flow Diagrams:

A Data Flow Diagram (DFD) for the project Crude Oil Price prediction is depicted below.

#### DFD:



1. User goes to the web page and clicks on the button to predict, then the prediction webpage opens up.
2. Then the user gives the first 10 days Crude oil prices values and then clicks on the predict button.
3. Then the predicted price will be displayed in the webpage.



## 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/User<br>Oil Trader,<br>Importer and<br>Producer (Web<br>user) | Dashboard                     | USN-1             | As a user, I can get into dashboard in which it shows button for predicting future crude oil prices.   | I can access my dashboard   | High     | Sprint-1 |
|  |                               | USN-2             | As a user, If I click the prediction button, crude oil price prediction page will open.  | The Price prediction page opens up  | High     | Sprint-2 |
|  |                               | USN-3             | As a user, I can enter the First 10 days Crude oil prices and then click on predict button and then the predicted price will be displayed.             | The predicted price will be displayed in the webpage.                         | High     | Sprint-3 |
| Administrator  | Application                   | USN-4             | As an Administrator, I can change the deployment settings and can improve the ease of access of the web page and can solve any issues in the web page. | Can change the settings, ease of accessing improvements and solve any issues. | High     | Sprint-4 |