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| <b>TEAM ID</b>      | <b>PNT2022TMID34645</b>  |
| <b>PROJECT NAME</b> | <b>Exploratory Analysis Of Rain<br/>Fall Data In India For Agriculture</b> |

## **PROJECT FLOW**

To accomplish this, we have to complete all the activities and tasks listed below

### **Data Collection**

- Collect the dataset or Create the dataset

### **Data Pre-processing**

- Import the Libraries.
- Importing the dataset.
- Checking for Null Values.
- Data Visualization.
- Taking care of MissingData.
- Label encoding.
- One Hot Encoding.
- Feature Scaling.
- Splitting Data into Train and Test.

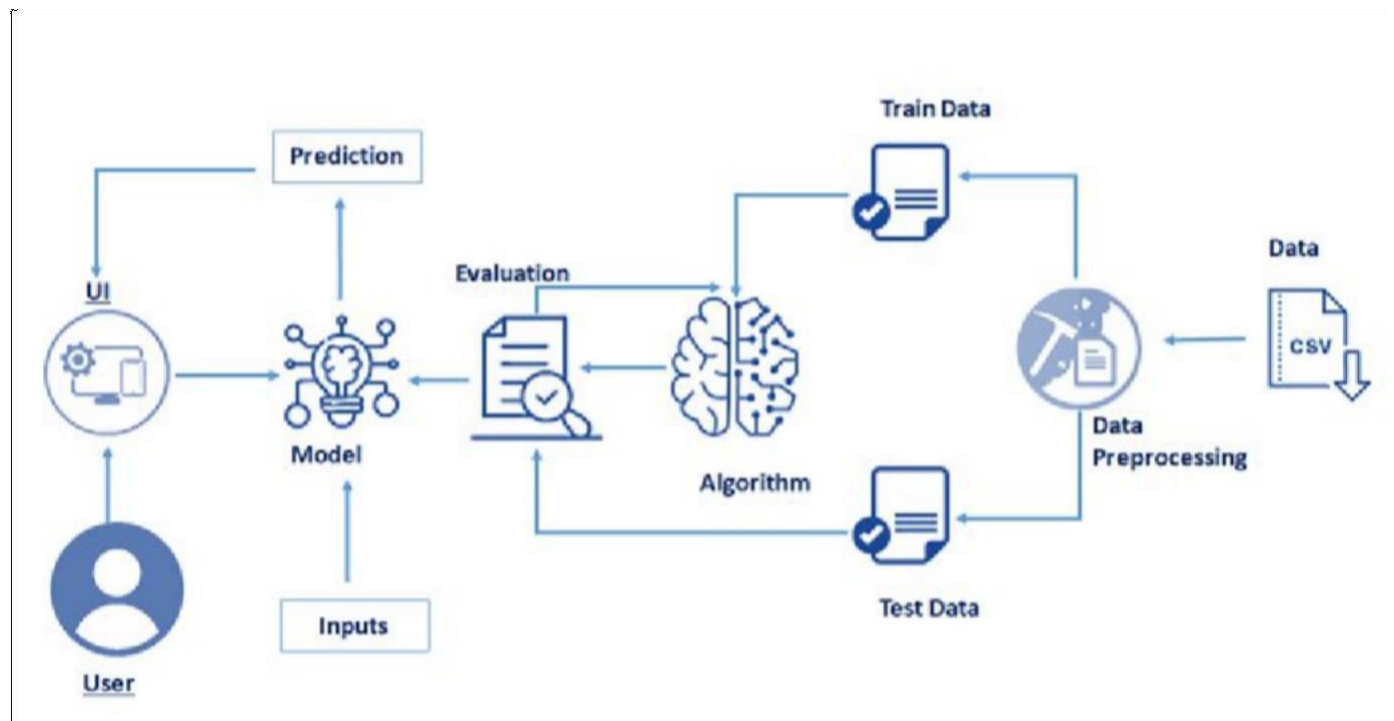
### **Model Building**

- Training and testing the model
- Evaluation of Model

### **Application Building**

- Create an HTML file
- Build a PythonCode

## Diagram:



## Final Output:

- User interacts with the UI (User Interface) to enter the input values
- Entered input values are analyzed by the model which is integrated
- Once the model analyses the input the prediction is showcased on the UI