PROJECT FLOW

TEAM ID	PNT2022TMID22690
PROJECT NAME	Exploratory Analysis of Rainfall Data in India for Agriculture

To achieve this project, we have to absolute all the tasks listed below:

DATA COLLECTION:

- Collect the related dataset

DATA PRE-PROCESSING:

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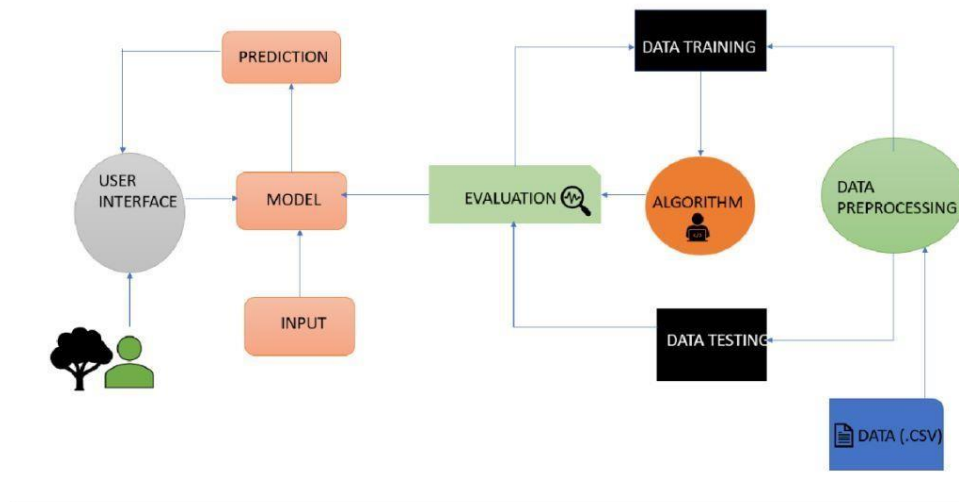- Splitting Data into Train and Test.

MODEL BUILDING:

- Training and testing the model
- Evaluation of Model

APPLICATION BUILDING:

- Create an HTML file
- Build a Python Code

FLOW DIAGRAM:

Solution Architecture Diagram:

FINAL OUTPUT:

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