Project Flow

Exploratory Analysis Of RainFall Data In India For Agriculture

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1.Installing Required Libraries:

2.Data Collection.

- Collect the dataset

3.Data Pre-processing.

- •Import the Libraries.
- Importing the dataset.

  Understanding Data Types and Summary of features

  ●Checking for Null Values.

- Data Visualization.
- Taking care of Missing Data.
- Feature Scaling.
- Splitting Data into Train and Test.

4.Model Building

- •Import the model building Libraries
- •Initializing the model
- Decision Tree Model

  Random Forest Model

  KNN Model

- ●Xgboost Model
- ●SVM
- Logistic Regression
- Training and testing the model

  Evaluation of Model

  Save the Model

5.Application Building

- ●Building Html page
- Build a Python Code

  Run the Application

6.Final UI

- Dashboard of the flask app

7.Train The Model On IBM

- ●Registering For IBM
- Training The ML Model on IBM

  Integrate Flask With Scoring End Point