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