

Project Flow

Team ID

PNT2022TMID51007

Project Name

Efficient water quality analysis and prediction using machine learning

Project Flow

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

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

- Data Collection.
 - Collect the dataset or Create the dataset
- Data Preprocessing.
 - 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