

# PROJECT FLOW

**TEAM ID:** PNT2022TMID40686

**TITLE:** Predicting The Energy Output Of The Wind Turbine  
Based On Weather Condition

**You will go through all the steps mentioned below to complete the project.**

- 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