PREREQUISITES

TEAM ID: PNT2022TMID33245
PROJECT:
PREDICTING THE ENERGY OUTPUT OF WIND TURBINE BASED ON WEATHER CONDITION

In arrange to create this extend we got to introduce the taking after software/packages:

Step 1:

Anaconda Navigator:

Anaconda constrictor Pilot could be a free and open-source conveyance of the Python and R programming dialects for information science and machine learning related applications. It can be introduced on Windows, Linux, and MAC OS. Anaconda constrictor is an open-source, cross-platform, bundle administration framework. Boa constrictor comes with awesome instruments like Jupyter Lab, Jupyter Scratch pad, Qt Support, Spyder, Glueviz, Orange, R studio, Visual Studio Code.

For this project, we will be using Jupyter notebook and Spyder

Step 2:

To build Machine learning models you must require the following packages

Sklearn: Scikit-learn may be a library in Python that gives numerous unsupervised and administered learning calculations.

NumPy: NumPy may be a Python bundle that stands for 'Numerical Python'. It is the center library for logical computing, which contains a effective n-dimensional cluster protest

Pandas: pandas could be a quick, effective, adaptable, and simple to utilize open-source information investigation and control instrument, built on best of the Python programming dialect.

Matplotlib: It gives an object-oriented API for implanting plots into applications utilizing general-purpose GUI toolkits

Flask: Web system utilized for building Web applications. Introduce Anaconda constrictor pilot and to know how to utilize Jupyter Note pad & Spyder utilizing Boa constrictor observe the video