OPEN SOURCE FRAMEWORKS

Date	20 Nov 2022
Team ID	PNT2022TMID52191
Project Name	Predicting the energy output of Wind Turbine based on Weather conditions
Maximum Marks	2 Marks

What is Open source frameworks?

Open source software is **code that is designed to be publicly accessible**—anyone can see, modify, and distribute the code as they see fit. Open source software is developed in a decentralized and collaborative way, relying on peer review and community production.

S.No	Description	Technology
1.	List the open-Source framework	Flask

Flask Frameworks :

Flask is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries. It has no database abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions. However, Flask supports extensions that can add application features as if they were implemented in Flask itself. Extensions exist for object relational mappers, form validation, upload handling, various open authentication technologies and several common framework related tools.

Applications that use the Flask framework include Pinterest and LinkedIn

Features

- Development server and debugger
- Integrated support for unit testing
- RESTful request dispatching
- Uses Jinja templating
- Support for secure cookies (client side sessions)
- 100% WSGI 1.0 compliant
- Unicode-based
- Complete documentation
- Google App Engine compatibility
- Extensions available to extend functionality