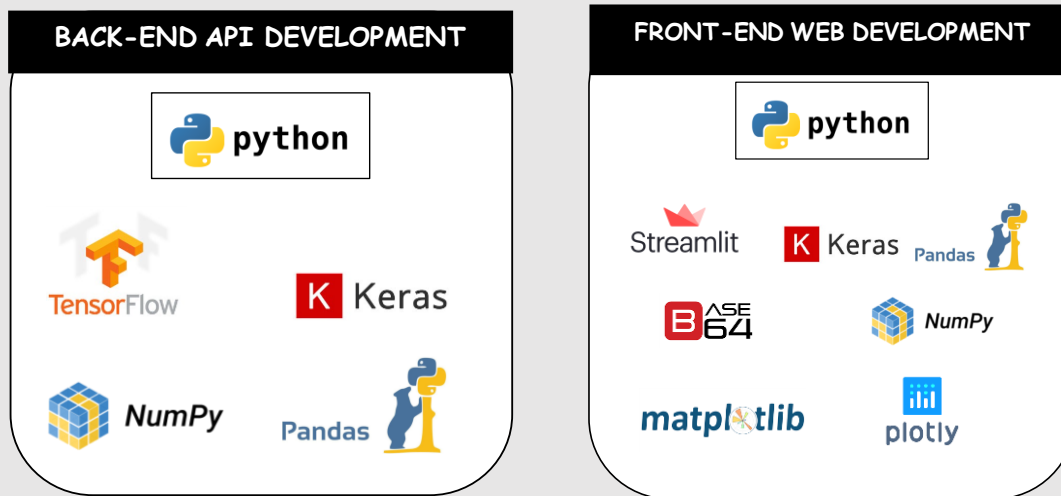


Date	01 November 2022
Team ID	PNT2022TMID05596
Project Name	PREDICTING THE ENERGY OUTPUT OF WIND TURBINE BASED ON WEATHER CONDITION
Maximum Marks	4 Marks

TECHNOLOGY STACK



S.NO	Component	Description	Technology
1.	User Interface	How the user interacts with the application. To depict the human-computer interaction and communication.	HTML / Python Streamlit library
2.	Application Logic-1	A page to upload images as input	Python

3.	Application Logic-2	To use the Machine Learning model and predicting the result	Python
4.	Database	Structured data-images	MySQLite
5.	Cloud Database	Database that typically runs on a cloud computing platform and access to the database is provided as-a- service	IBM Cloud Databases for MySQLite
6.	File Storage	To store data in a hierarchical structure	Streamlit cloud storage
7.	Machine Learning Model	Here, we use a Support Vector Machine Algorithm that is used widely in Classification and Regression problems.	BiLSTM Network Model (Bidirectional Long Short Term Memory)