

Project Development Phase Model Performance Test

Team ID	PNT2022TMID03363
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	4 Marks

Model Performance Testing :

Project team shall fill the following information in model performance testing template.

The screenshot shows a web browser window with the URL `127.0.0.1:5000/windapi`. The page has a green header with the title "Predicting The Energy Output Of Wind Turbine Based On Weather Condition". Below the header, there is a form with a red-bordered box containing the text "GIVE YOUR CITY NAME TO KNOW THE WEATHER CONDITIONS". A dropdown menu labeled "select City" is present. To the right, there is a green button labeled "CHECK THE WEATHER CONDITIONS". Below this button, a table displays the weather conditions for a city:

The weather conditions of the city are	
Temperature	28.740000000000001 °C
Humidity	64 %
Pressure	1014 mmHG
Wind Speed	20.16 Km/s

To the right of the table, there is a green button labeled "PREDICT". Above this button, there are two input fields: the first contains the value "300" and the second contains the value "20.16". The background of the page features a landscape with wind turbines at sunset.

Home Page - Select o xPower_Prediction - Jul xhttps://api.openweath xService Details - IBM xIBM Watson Studio xWind Energy Predictic x

127.0.0.1:5000/y_predict

GmailMapsYouTubeNewsAbalone Age Predic...

Predicting The Energy Output Of Wind Turbine Based On Weather Condition

GIVE YOUR CITY NAME TO KNOW THE WEATHER CONDITIONS

select City

CHECK THE WEATHER CONDITIONS

The weather conditions of the city are

Temperature
Humidity
Pressure
Wind Speed

Predict the Wind Energy!!

Theoretical Power in KWh

Wind Speed in m/s

PREDICT

The energy predicted is 1749.57 KWh

Type here to search

29°C

11:35 AM

11/7/2022