Sprint-1

Date	18 November 2022
Team ID	PNT2022TMID37323
Project Name	Predicting the energy output of wind turbine based on weather condition

Intro.html

```html
<html>
    <head>
    <title>Wind Energy Prediction</title>
    <style>

        .header {
            top:0px;
            margin:0px;
            left: 0px;
            right: 0px;
            position: fixed;
            background: #a4a717;
            color: rgb(255, 255, 255);
            overflow: hidden;
            padding-bottom: 30px;
            font-family:Georgia, 'Times New Roman', Times, serif, serif;
            font-size: 2.5vw;
            width: 100%;
            padding-left:0px;
            text-align: center;
            padding-top:20px;
        }
        .second{
            top:90px;
            bottom:0px;
            margin:0px;
            left: 0px;
```

```css
        right: 0px;
        position: fixed;
        padding: 0px;
        width: 100%;
        background-image:url(https://i.pinimg.com/originals/e4/a8/b8/e4a8b8817c453d28b22fe88f330479eb.gif);
        background-repeat:no-repeat;
        background-size: contain;
}
    .inside{
        top:90px;
        bottom:0px;
        margin:0px;
        left: 35%;
        right: 0%;
        position: fixed;
        padding-left: 40px;
        padding-top:15%;
        padding-right:40px;
        background-color:#f5e3c5;
        opacity: 100%;
        font-family:Georgia, serif;
        color:black;
        font-size:20px;
        text-align:justify;

}
    .myButton{
        border: none;
        text-align: center;
        cursor: pointer;
        text-transform: uppercase;
        outline: none;
        overflow: hidden;
        color: #fff;
        font-weight: 700;
        font-size: 15px;
        background-color: #6c493a;
```

```
                padding: 10px 15px;
                margin: 0 auto;
                box-shadow: 0 5px 15px rgba(0,0,0,0.20);
        }
    </style>
    </head>
    <body>

        <div class="header">Predicting The Energy Output Of Wind Turbine Based On Weather Condition</div>
        <div class="second">
            <div class="inside">A wind turbine turns wind energy into electricity using the aerodynamic force from the rotor
blades, which work like an airplane wing or helicopter rotor blade. <br><br>
                The amount of electricity generated by wind increased by almost 273 TWh in 2021 (up 17%), 45% higher growth than
that achieved in 2020 and the largest of all power generation technologies. Wind remains the leading non-hydro renewable
technology, generating 1 870 TWh in 2021, almost as much as all the others combined.
        <br><br><br>
        <a href="http://localhost:5000/predict"><button type="button" class="myButton" >Click Here To Predict The wind
Energy!</button></a>
        </div>


        </div>
    </body>
</html>
```

Predicting The Energy Output Of Wind Turbine Based On Weather Condition

A wind turbine turns wind energy into electricity using the aerodynamic force from the rotor blades, which work like an airplane wing or helicopter rotor blade.

The amount of electricity generated by wind increased by almost 273 TWh in 2021 (up 17%), 45% higher growth than that achieved in 2020 and the largest of all power generation technologies. Wind remains the leading non-hydro renewable technology, generating 1 870 TWh in 2021, almost as much as all the others combined.

CLICK HERE TO PREDICT THE WIND ENERGY!