CRUDE OIL PRICE PREDICTION

PNT2022TMID32702

SPRINT 2

GRAPH.HTML:

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Charts</title>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/4.0.1/chart.min.js"
integrity="sha512-
tQYZBKe34uzoeOjY9jr3MX7R/mo7n25vnqbnrkskGr4D6YOoPYSpyafUAzQVjV6xAozAqUFIEFsCO4z8mnVBXA=="
crossorigin="anonymous" referrerpolicy="no-referrer"></script>
    <style>

    canvas {
    display: block;
    size: 1;
    box-sizing: border-box;
    height: 10px;
    width: 3px;
    }
    body{

  font-family: sans-serif;
  width: 100%;
  height: 100vh;
  background-image: linear-
gradient(rgba(0,0,0,0.50),rgba(0,0,0,0.25)),url({{url_for('static',filename=
'crude_oil.jpg')}});
  background-size:cover;
  background-position: center;
  /* -webkit-filter: blur(8px); */

}
h2{
    color: aliceblue;
    margin-left: 40%;

}
nav {
  width: 100px;
  height:46px ;
  background:rgba(0,0,0,0.80);
  border-radius: 8px;
   box-shadow: 0px 15px 20px rgba(0,0,0,0.75);
left:35%;
}
```

```
nav a{
  font-size: 13px;
  color: #B9B7BD;
  font-family: sans-serif;
  border-radius: 50%;
  text-decoration: none;
  line-height: 45px;
  position: relative;
  z-index: 1;
  display: inline-block;
  text-align: center;
  text-transform: uppercase;
}
nav .animation{
  position: absolute;
  height: 2px;
  bottom: 0;
  z-index: 0;
  background: white;
  border-radius: 8px;
transition: all .5s ease 0s;
}
a:nth-child(1){
  width: 100px;
}
</style>
</head>
<body>
  <nav><a href=back>Back</a></nav>
  <h2>{{session["name"]}}</h2>

    <div>
        <canvas id="myChart" ></canvas>

      <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

      <script>
        const ctx = document.getElementById('myChart');
        var labels=[{% for i in range(1,history1+1) %}{{i}},{% endfor%}];
        var data=[{% for label in history %} {{ label }}, {% endfor %}];

        new Chart(ctx, {
          type: 'bar',
          data: {
            labels: labels,
            datasets: [{
              label: '# of Days And Price',
              data: data,
              borderWidth: 1
            }]
          },
          options: {
            scales: {
              y: {
```
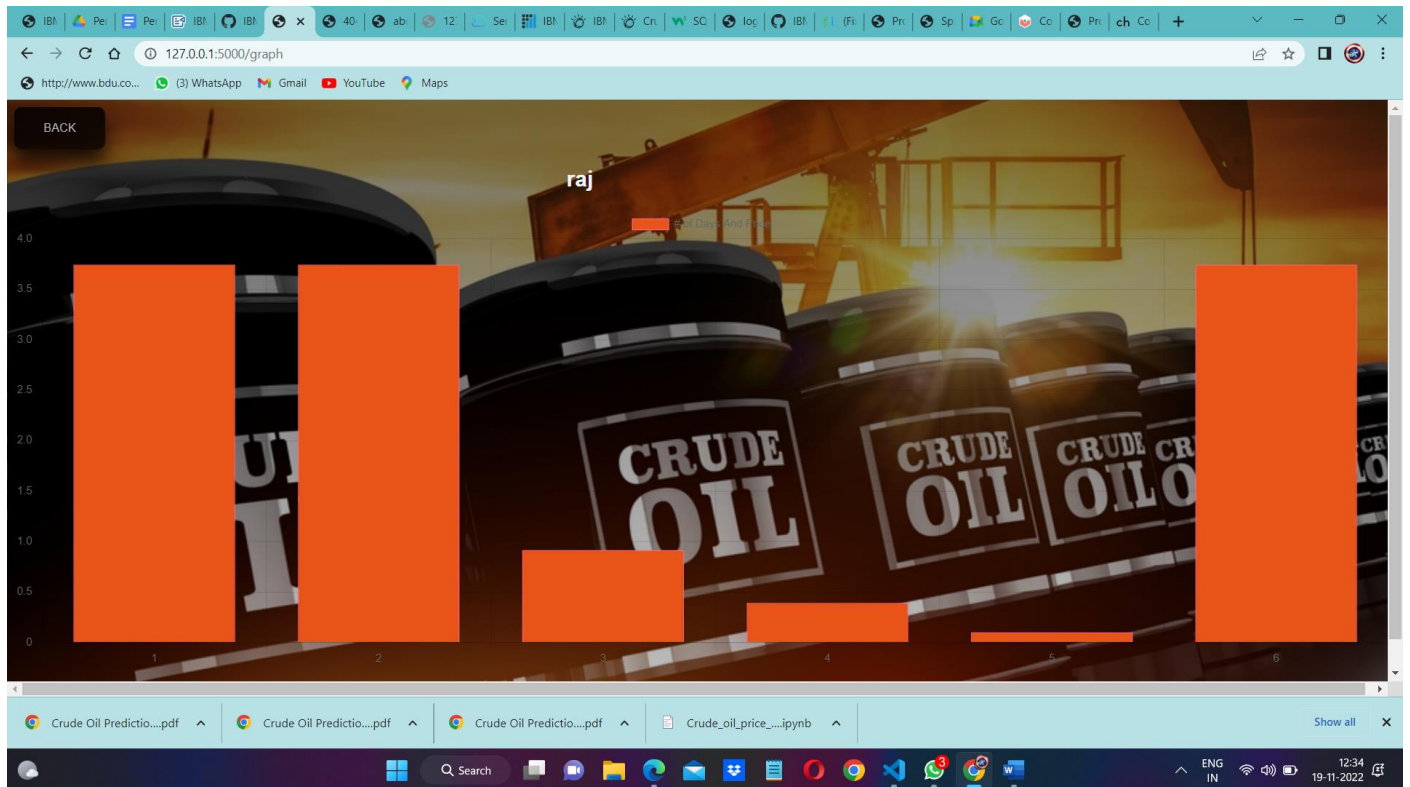
```
                    beginAtZero: true
                }
            }
        }
    });
    </script>
</body>
</html>
```


WEB.HTML:

```
<html>
 <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Prediction</title>


  <style>
  *{
margin: 0;
padding: 0;
box-sizing: border-box;
}
```

```css
body{

  font-family: sans-serif;
width: 100%;
height: 100vh;
background-image: linear-
gradient(rgba(0,0,0,0.75),rgba(0,0,0,0.25)),url({{url_for('static',filename=
'crude_oil.jpg')}});
background-size:cover;
background-position: center;

}
.box{
width: 400px;
padding: 30px;
position: absolute;
top: 50%;
left: 50%;
border-radius: 20px;
transform: translate(-50%,-50%);
background: rgba(0,0,0,0.80);
text-align: center;
box-shadow: 0px 15px 20px rgba(0,0,0,0.75);

}
.box h1
{
color: white;
text-transform: uppercase;
font-weight: 700;

}
.usr input[type="text"]
{
border: 0;
background: none;
display: block;
margin: 20px auto;
text-align: center;
border: 2px solid #0367fd;
border-color:  #B9B7BD;
padding: 14px 10px;
width: 250px;
outline: none;
color: white;
border-radius: 18px;
transition: 0.25s;
}
.box input[type="text"]:focus{
width: 270px;
border-color:#EEEDE7;
}
.days input[type="text"]{
border: 0;
```

```css
background: none;
display: block;
margin: 20px auto;
text-align: center;
border: 2px solid #0367fd;
border-color: #B9B7BD ;
padding: 14px 10px;
width: 250px;
outline: none;
color: white;
border-radius: 18px;
transition: 0.25s;
}
.box input[type="password"]:focus{
width: 270px;
border-color:#EEEDE7;

}
.mobile input[type="number"]{
border: 0;
background: none;
display: block;
margin: 20px auto;
text-align: center;
border: 2px solid #0367fd;
border-color: #B9B7BD ;
padding: 14px 10px;
width: 250px;
outline: none;
color:#B9B7BD;
border-radius: 18px;
transition: 0.25s;
}
.box input[type="password"]:focus{
width: 270px;
border-color:#EEEDE7;

}
.box input[type="submit"]{

border: 0;
background: none;
display: block;
margin: 10px auto;
text-align: center;
border: 2px solid #B9B7BD;
padding: 10px 10px;
width: 100px;
outline:none;
color: #B9B7BD;
border-radius:18px;
transition:0.25s;
cursor: pointer;
}
```

```css
.box input[type="submit"]:hover{
background:#B9B7BD;
color: black;
font-weight: 700;
 box-shadow:0px 15px 20px rgba(0,0,0,1.50);
}
nav {
    position: relative;
   top: 2%;
    width: 700px;
    height:46px ;
    background:rgba(0,0,0,0.80);
    border-radius: 8px;
     box-shadow: 0px 15px 20px rgba(0,0,0,0.75);
  left:28%;
  }
  nav a{
    font-size: 13px;
    color: #B9B7BD;
    font-family: sans-serif;
    border-radius: 50%;
    text-decoration: none;
    line-height: 45px;
    position: relative;
    z-index: 1;
    display: inline-block;
    text-align: center;
    text-transform: uppercase;
  }
  nav .animation{
    position: absolute;
    height: 2px;
    bottom: 0;
    z-index: 0;
    background:#B9B7BD;
    border-radius: 8px;
  transition: all .5s ease 0s;
  }
  a:nth-child(1){
    width: 100px;
  }
  nav .start-register,a:nth-child(1):hover~.animation{
     width: 60px;
     left: 20px;
  }
  a:nth-child(2){
    width: 100px;
  }
  nav .start-game,a:nth-child(2):hover~.animation{
     width: 60px;
     left: 125px;
  }
  a:nth-child(3){
    width: 100px;}
```

```
  nav .start-blog,a:nth-child(3):hover~.animation{
    width: 60px;
    left: 230px;
  }
  a:nth-child(4){
    width: 120px;
  }
  nav .start-help,a:nth-child(4):hover~.animation{
    width: 60px;
    left: 343px;
  }
  a:nth-child(5){
    width: 120px;
  }
  nav .start-help,a:nth-child(5):hover~.animation{
    width: 60px;
    left: 465px;
  }
  a:nth-child(6){
    width: 120px;
  }

  nav .start-help,a:nth-child(6):hover~.animation{
    width: 60px;
    left: 600px;
  }

  }
</style>

<body><nav>
  <a href="login"> </a>
  <a href="about.html">about</a>
  <a href="/">Logout</a>
  <a href="history">history</a>
  <a href="graph">Graph</a>
  <div class="animation start-home"></div>
</nav>
<br>
  <center><div><font color="Powderblue" font-family="sans-serif" size=8 ><b><br>Crude
Oil  Price Prediction</b></font></div></center>

<br><br><br><br>
<div class="box">
  <form class="main" name="year" action="/prediction" method="post">
    <br>
    <h1>WELCOME {{session["name"]}}</h1>
    <font size=20><div class=days><input type="text" name="year" placeholder="Enter
previous 10days price"/></font></div>
    <center><input type="submit" class="logbtn" value="Predict"></center>
    <h1></h1>
    <div class="bor"><b><font color="white" size=5><br>{{showcase}}</font></b></div>
  </form>

</div>
```

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