

HTML

| | |
|--------------|---|
| Team ID | PNT2022TMID24705 |
| Project Name | AI-powered Nutrition Analyzer for Fitness Enthusiasts |

Create HTML Pages

- We use HTML to create the front-end part of the web page.
- Here, we have created 3 HTML pages- home.html, image.html, imageprediction.html, and 0.html.
- home.html displays the home page.
- image.html is used for uploading the image
- imageprediction.html will showcase the output
- 0.html is to showcase the result. It tells the action to be performed on imageprediction.html while showcasing the result. For more information regarding HTML <https://www.w3schools.com/html/>
- We also use JavaScript-main.js and CSS-main.css to enhance our functionality and view of HTML pages. ◦ Link : [CSS](#), [JS](#)

Demo.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<!-- Bootstrap CSS --> <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJISAWiGgFAW/dAiS6JXm"
crossorigin="anonymous">
<title>Demo</title>
</head>
<body>

<style>
```

HTML

```
@charset "UTF-8";
```

```
.image {
width: 250px;
float: left;
margin: 20px;
}
```

```
body { fontsize:
small; line-
height: 1.4;
}
```

```
p {
margin: 0;
}
```

```
.performance-facts {
border: 1px solid black;
margin: 20px; float:
left; width: 320px;
padding: 0.5rem;
}
```

```
.performance-facts table { bordercollapse:
collapse;
}
```

```
.performance-facts title{
font-weight: bold; fontsize:
2rem; margin:00
0.25rem 0;
}
```

```
.performance-facts header {
border-bottom: 10px solid
black; padding: 0 0 0.25rem 0;
margin: 0 0 0.5rem 0;
}
```

```
.performance-facts headerp{
margin: 0;
}
```

```

.performance-facts table, .performance-facts table--small, .performance-facts table--grid { width:
  100%;
}

.performance-      - factstable thead tr th, .performance-facts table--small thead tr th,
.performance-      - factstable--grid thead tr th,
.performance-      - factstable thead tr td,
.performance-      - factstable--small thead tr td,
.performance-facts table--grid thead tr td {
border: 0;
}

.performance-      - factstable th, .performance-facts table--small th, .performance-facts table-
grid th,           - .performance-factstable td,
.performance-      - factstable--
small td, .performance-facts table-
-grid td { font-weight: normal; text-
align: left; padding: 0.25rem 0;
border top: 1px solid black; white-
space:
nowrap;
}

.performance-facts .table td:last-child, .performance-facts table--small td:last-child,
.performancefacts table--grid td:last-child { text-
align: right;
}

.performance-facts .table .blank-cell, .performance-facts table--small .blank-cell,
.performancefacts table--grid .blank-cell {
width: 1rem; border
top: 0;
}

.performance-      - factstable .thick-row th, .performance-facts table--small .thick-row th,
.performance-      - factstable--grid .thick-row th,
.performance-      - factstable .thick-row td,
.performance-facts table--small .thick-row td,
.performance facts table--grid .thick-row td { border-top-
width: 5px; }

.small-info {

```

```
font-size: 0.7rem;
}
.performance-facts table--small { border
bottom: 1px solid #999; margin:0 0
0.5rem 0;
}
.performance-facts table--small thead tr { border
bottom: 1px solid black;
}
.performance-facts table--small td:last-child { text
align: left;
}
.performance-facts .table--small th,
.performance-facts table--small td {
border: 0; padding: 0;
}
.performance-facts table--grid {
margin: 0 0 0.5rem 0;
}
.performance-facts table--grid td:last-child { text
align: left;
}
.performance-facts table--grid td:last-child::before
{ content: "•"; font-weight: bold; margin: 0
0.25rem 0 0; }

.text-center {
text align:
center; }

.thick-end { border-bottom: 10px
solid black;
}
.thin-end { border-bottom: 1px
solid black;

}
</style>
<section class="performance-facts">
```

```

    
<header class="performance-facts header">
    <h1 class="performance-facts title">{{data["foodName"].title()}}</h1>
    <p>Portion Size: {{data["serving_size"]}}</p>
</header>
<table class="performance-facts .table">
    <thead>
        <tr>
            <th colspan="3" class="small-info">
                Nutrition Information
            </th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <th colspan="2">
                <b>Calories</b>
                {{data["nutritional_info"]["calories"]}}
            </th>
        </tr>
        <tr class="thick-row">
            <td colspan="3" class="small-info">
                <b>% Daily Value*</b>
            </td>
        </tr>
        {% for i in data["nutritional_info"]["dailyIntakeReference"] %}
        <tr>
            <th colspan="2">
                <b>{{data["nutritional_info"]["dailyIntakeReference"][i]["label"]}}</b>
                ({{data["nutritional_info"]["dailyIntakeReference"][i]["level"]}}) </th> <td>

                <b>{{(data["nutritional_info"]["dailyIntakeReference"][i]["percent"])|round}}%</b> </td>
            </tr>
        {% endfor %}
    </tbody>
</table>

```

<p class="small-info">* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:</p>

```
<table class="performance-facts .table--small small-info">
  <thead>
    <tr>
      <td colspan="2"></td>
      <th>Calories:</th>
      <th>{{data["nutritional_info"]["calories"]}}</th>
    </tr>
  </thead>
  <tbody>
    {% for i in data["nutritional_info"]["totalNutrients"] %}
      <tr>
        <th colspan="2">{{data["nutritional_info"]["totalNutrients"][i]["label"]}}</th>
        <td>Less
          <td>{{data["nutritional_info"]["totalNutrients"][i]["quantity"]}} {{data["nutritional_info"]["totalNutrients"][i]["unit"]}}</td> </tr>
      {% endfor %}
    </tbody>
  </table>
```

<p class="small-info">
Calories per gram:
</p>
<p class="small-info text-center">
Fat 9
•
Carbohydrate 4

•
Protein 4
</p>

</section>
</section>
<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UEZmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN

```
" crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q
" crossorigin="anonymous"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
crossorigin="anonymous"></script>

</body>

</html>
```

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,shrink-to-fit=no">
<!-- Bootstrap CSS --> <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
<title>Food Calorie Estimation</title>
<style> body { background-
color: #f2f7fb

}

.mt-100 { margin
top: 10px
}

.card { border
radius: 5px;
-webkit-box-shadow: 0 0 5px 0 rgba(43, 43, 43, .1), 0 11px 6px -7px rgba(43, 43, 43, .1); boxshadow: 0
```

```
0 5px 0 rgba(43, 43, 43, .1), 0 11px 6px -7px rgba(43, 43, 43, .1);
```

```
border: none; margin
```

```
bottom: 30px;
```

```
-webkit-transition: all .3s ease-in-out;
```

```
transition: all .3s ease-in-out
```

```
}
```

```
.card .card-header {
```

```
background-color:
```

```
transparent; border-bottom:
```

```
none; padding: 20px; position:
```

```
relative
```

```
}
```

```
.card .card-header h5:after
```

```
{ content: ""; background
```

```
color: #d2d2d2; width:
```

```
101px; height: 1px;
```

```
position: absolute; bottom:
```

```
6px; left: 20px
```

```
}
```

```
.card .card-block {
```

```
padding: 1.25rem
```

```
}
```

```
.dropzone.dz-clickable {
```

```
cursor: pointer
```

```
}
```

```
.dropzone { min-height: 150px; border:
```

```
1px solid rgba(42, 42, 42, 0.05);
```

```
background: rgba(204, 204, 204, 0.15);
```

```
padding: 20px; border-radius: 5px;
```

```
-webkit-box-shadow: inset 0 0 5px 0 rgba(43, 43, 43, 0.1); box
```

```
shadow: inset 0 0 5px 0 rgba(43, 43, 43, 0.1)
```

```
}
```

```
.m-t-20 { margin
```

```
top: 20px
```

```
}
```

```
.btn-primary,
```

```
.sweet-alert
```

```
button.confirm,
```



```
.wizard>.actions a {
background-color: #4099ff;
border-color: #4099ff;
color: #fff; cursor: pointer;
  -webkit-transition: all ease-in
.3s; transition: all ease-in .3s }
```

```
.btn { border-radius: 2px; text-
transform: capitalize; font-size:
15px; padding:
10px 19px; cursor:
pointer
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="row d-flex justify-content-center mt-100">
```

```
  <div class="col-md-8">
```

```
    <div class="card">
```

```
      <div class="card-header">
```

```
        <h3>Food Calorie Estimation</h4>
```

```
        <h6>Estimate live food calories & nutrition information from a single food
```

```
image</h6> <a href="https://cal.virajman3.repl.co/demo/2">Example Click Here</a> </div>
```

```
<div class="card-block">
```

```
      <form action="/result" method = "POST" class="dropzone dz-clickable" enctype
= "multipart/form-data">
```

```
        <input type = "file" name = "file" />
```

```
        <div class="text-center m-t-20">
```

```
          <input class="btn btn-primary" type = "submit"/>
```

```
        </div>
```

```
      </form>
```

```
<br>
```

```
<h4>Instructions:</h4>
```

```
<dl>
```

```
  <dt>Limitations</dt>
```

```
  <dd>- The image size must be under 1024KB.</dd>
```

```
  <dd>- The image format must be in JPEG, JPG or PNG.</dd>
```

<dt>Do's</dt>
<dd>- Take pictures from an eye-level perspective.</dd>
<dd>- Take a picture for each food item separately.</dd>
<dd>- Center the food on the picture.</dd>
<dd>- Upload squared images, meaning that height and width are the same.</dd> <dt>Dont's</dt> <dd>- Occlusions of other items.</dd>
<dd>- Top or side view images.</dd>
<dd>- Include only a part of the food.</dd>
<dd>- Blurry images.</dd>
<dd>- Images taken on screens or display monitors.</dd>
<dd>- Images that include multiple food items.</dd>
</dl>

<h4>Example:</h4>

```
<div class="card-deck">  
  <div class="card">  
<embed type="text/html" src="https://cal.virajman3.repl.co/demo/2" height="1300"> </div>  
  <div class="card">  
<embed type="text/html" src="https://cal.virajman3.repl.co/demo/1" height="1300"> </div> </div>
```

```
  </div>  
</div>  
</div>  
</div>
```

```
<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"  
integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5K  
kN  
" crossorigin="anonymous"></script>  
<script  
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"  
integrity="sha384-  
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q  
" crossorigin="anonymous"></script>  
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"  
integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"  
crossorigin="anonymous"></script>
```

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

indexold.htm

I

```
<form class="file-upload-wrapper" action = "/result" method = "POST"
enctype = "multipart/form-data"> <input type = "file" name = "file"
/>
<input type = "submit"/>
</form>
```

Result.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,shrink-to-fit=no">

<!-- Bootstrap CSS --> <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm
" crossorigin="anonymous"> <title>Result</title>

</head>
<body>

<style>

@charset "UTF-8";
.image {
width: 250px;
float: left;
margin: 20px;
}
```

```
body { font
size: small;
line-height:
1.4;
}
```

```
p { margin: 0;
}
```

```
.performance-facts {
border: 1px solid black;
margin: 20px; float:
left; width: 320px;
padding: 0.5rem;
}
```

```
.performance-facts table { border
collapse: collapse;
}
```

```
.performance-facts title {
font-weight: bold; font
size: 2rem; margin: 0 0
0.25rem 0;
}
```

```
.performance-facts header { border-
bottom: 10px solid black; padding: 0 0
0.25rem 0; margin:
0 0 0.5rem 0;
}
```

```
.performance-facts header p {
margin: 0;
}
```

```
.performance-facts table, .performance-facts table--small, .performance-facts table--grid { width:
100%;
}
```

```
.performance-      - factstable thead tr th, .performance-facts table--small thead tr th,
.performance-      - factstable--grid thead tr th,
.performance-      - factstable thead tr td,
.performance-      - factstable--small thead tr td,
.performance-facts table--grid thead tr td {
border: 0;
```

```

}
.performance-      . factstable th, .performance-facts table--small th, .performance-facts table-
grid th,          - .performance-factstable td,
.performance-      . factstable--
small td, .performance-facts table-
-grid td { font-weight: normal; text-
align: left; padding: 0.25rem 0;
border top: 1px solid black; white-
space:
nowrap;
}
.performance-facts .table td:last-child, .performance-facts table--small td:last-child,
.performancefacts table--grid td:last-child { text-
align: right;
}
.performance-facts .table .blank-cell, .performance-facts table--small .blank-cell,
.performance-facts table--grid .blank-cell { width: 1rem; border
top: 0;

}

.performance-      . factstable .thick-row th, .performance-facts table--small .thick-row th,
.performance-      . factstable--grid .thick-row th,
.performance-      . factstable .thick-row td,
.performance-facts table--small .thick-row td, .performance
facts .table--grid .thick-row td { border-top-width: 5px;
}

.small-info { font
size: 0.7rem;
}
.performance-facts table--small { border
bottom: 1px solid #999; margin:0 0
0.5rem 0;
}
.performance-facts table--small thead tr { border
bottom: 1px solid black;
}
.performance-facts table--small td:last-child { text
align: left;

```

```

}
.performance-facts .table--small th,
.performance-facts table--small td {
border: 0; padding: 0;
}
.performance-facts table--grid {
margin: 0 0 0.5rem 0;
}
.performance-facts table--grid td:last-child { text
align: left;
}
.performance-facts table--grid td:last-child::before {
content: "•"; font-weight: bold; margin: 0
0.25rem 0 0;
}

```

```

.text-center {
text align:
center; }

```

```

.thick-end { border-bottom:
10px solid black;
}

```

```

.thin-end { border-bottom: 1px
solid black;
}

```

```

</style>

```

```

<section class="performance-facts">

```

```

  

```

```

  <header class="performance-facts header">

```

```

    <h1 class="performance-facts title">{{data["foodName"].title()}}</h1>

```

```

    <p>Portion Size: {{data["serving_size"]}}</p>

```

```

  </header>

```

```

  <table class="performance-facts .table">

```

```

    <thead>

```

```

      <tr>

```

```

        <th colspan="3" class="small-info">
            Nutrition Information
        </th>
    </tr>
</thead>
<tbody>
    <tr>
        <th colspan="2">
            <b>Calories</b>
            {{data["nutritional_info"]["calories"]}}
        </th>
    </tr>
    <tr class="thick-row">

        <td colspan="3" class="small-info">
            <b>% Daily Value*</b>
        </td>
    </tr>
    {% for i in data["nutritional_info"]["dailyIntakeReference"] %}
    <tr>
        <th colspan="2">
            <b>{{data["nutritional_info"]["dailyIntakeReference"][i]["label"]}}</b>
            ({{data["nutritional_info"]["dailyIntakeReference"][i]["level"]}}) </th>
        <td>
            <b>{{(data["nutritional_info"]["dailyIntakeReference"][i]["percent"]) | round}}%</b>
        </td>
    </tr>
    {% endfor %}
</tbody>
</table>

<p class="small-info">* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may
be higher or lower depending on your calorie needs:</p>

<table class="performance-facts .table--small small-info">
    <thead>
        <tr>

```

```

        <td colspan="2"></td>
        <th>Calories:</th>
        <th>{{data["nutritional_info"]["calories"]}}</th>
    </tr>
</thead>
<tbody>
{% for i in data["nutritional_info"]["totalNutrients"] %}
    <tr>
        <th colspan="2">{{data["nutritional_info"]["totalNutrients"][i]["label"]}}</th> <td>Less
than</td>

<td>{{data["nutritional_info"]["totalNutrients"][i]["quantity"]}}</td> <td>{{data["nutritional_info"]["totalNutrient s"][i]["unit"]}}</td> </tr>

```

```

{% endfor %}

```

```

</tbody>

```

```

</table>

```

```

<p class="small-info">

```

Calories per gram:

```

</p>

```

```

<p class="small-info text-center">

```

Fat 9

•

Carbohydrate 4

•

Protein 4

```

</p>

```

```

</section>

```

```

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"

```

```

integrity="sha384KJ3o2DKtIkVYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5K
kN

```

```

" crossorigin="anonymous"></script>

```

```

<script

```

```

src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"

```

```

integrity="sha384-

```

```

ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q

```

```

" crossorigin="anonymous"></script>

```



```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
crossorigin="anonymous"></script>
```

```
</body>
```

```
</html>
```