

# HTML

Date	1November 2022
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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+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
<title>Demo</title>

</head>
<body>
```

# HTML

<style>

# HTML

```
@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;  
}
```

# HTML

```
.performance-facts_table, .performance-facts_table--small, .performance-facts_table--grid { width:
  100%;
}
.performance-facts__table thead tr th, .performance-facts__table--small thead tr th,
.performance-facts__table--grid thead tr th,
.performance-facts__table thead tr td,
.performance-facts__table--small thead tr td,
.performance-facts_table--grid thead tr td {
border: 0;
}
.performance-facts__table th, .performance-facts__table--small th, .performance-facts__table-grid th,
.performance-facts__table td,
.performance-facts__table--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-facts__table .thick-row th, .performance-facts__table--small .thick-row th,
.performance-facts__table--grid .thick-row th,
.performance-facts__table .thick-row td,
.performance-facts_table--small .thick-row td, .performance-
facts_table--grid .thick-row td { border-top-width: 5px;
}

.small-info {
```

# HTML

```
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;
```

# HTML

```
}
</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>
```

# HTML

```
<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"]}}}{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
  &bull;
  Carbohydrate 4
```

# HTML

```
&bull;  
Protein 4  
</p>  
  
</section>  
</section>  
<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-  
KJ3o2DKtlkvYIK3UENzmM7KCkRr/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="sha384-  
JZR6Spejh4U02d8jOt6vLEHfe/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
```



# HTML

```
}  
.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;
```

# HTML

```
-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">
```

# HTML

```
<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>
<br>
<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>
```

# HTML

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

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtlkvYIK3UENzmM7KcKrR/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="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
crossorigin="anonymous"></script>

</body>
</html>
```

## indexold.html

```
<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">
```

# HTML

```
<!-- 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;
```

# HTML

```
}  
.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-facts__table thead tr th, .performance-facts__table--small thead tr th,  
.performance-facts__table--grid thead tr th,  
.performance-facts__table thead tr td,  
.performance-facts__table--small thead tr td,  
.performance-facts_table--grid thead tr td {  
border: 0;  
}  
.performance-facts__table th, .performance-facts__table--small th, .performance-facts__table-grid th,  
.performance-facts__table td,  
.performance-facts__table--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;
```

# HTML

```
}
.performance-facts__table .thick-row th, .performance-facts__table--small .thick-row th,
.performance-facts__table--grid .thick-row th,
.performance-facts__table .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;
}
```

# HTML

```
.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">
```



# HTML

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

# HTML

```
{% endfor %}
</tbody>
</table>

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

</section>
<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KCKRr/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="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
crossorigin="anonymous"></script>

</body>
</html>
```