

# Comprehensive Analysis and Dietary strategies with tableau: A College Food Choices Case Study

## Chapter - 12

### Appendix

#### 12.1 - Source Code

##### App.py Code:-

```
from flask import Flask, render_template

app = Flask(__name__)

@app.route("/")
def index():
    return render_template("index.html")

@app.route("/dashboard1")
def dashboard1():
    return render_template("dashboard1.html")

@app.route("/dashboard2")
def dashboard2():
    return render_template("dashboard2.html")

@app.route("/dashboard3")
def dashboard3():
    return render_template("dashboard3.html")

@app.route("/dashboard4")
def dashboard4():
    return render_template("dashboard4.html")

@app.route("/story")
def story():
    return render_template("story.html")

@app.route("/about")
def about():
    return render_template("about.html")

if __name__ == "__main__":
    app.run(debug=True)
```

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## About :-

---

```
{% extends "base.html" %}  
{% block title %}About{% endblock %}  
  
{% block content %}  
<section class="page">  
    <h2>About the Project</h2>  
  
    <ul>  
        <li>Project Title: College Food Choices Case Study</li>  
        <li>Technology: Python Flask</li>  
        <li>Frontend: HTML, CSS</li>  
        <li>Purpose: Academic Major Project</li>  
    </ul>  
</section>  
{% endblock %}
```

---

## Base :-

---

```
<!DOCTYPE html>  
<html>  
<head>  
    <title>{% block title %}{% endblock %}</title>  
    <link rel="stylesheet" href="{{ url_for('static',  
filename='style.css') }}"/>  
</head>  
<body>  
  
<nav class="navbar">  
    <div class="logo">● College Food Choices</div>  
    <div class="menu">  
        <a href="/">Home</a>  
        <a href="/dashboard1">Dashboards01</a>  
        <a href="/dashboard2">Dashboards02</a>  
        <a href="/dashboard3">Dashboards03</a>  
        <a href="/dashboard4">Dashboards04</a>  
        <a href="/story">Story</a>  
        <a href="/about">About</a>  
    </div>  
</nav>
```

---

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```
</div>
</nav>

{% block content %}{% endblock %}

<footer>
    <p>© 2026 College Food Choices Case Study</p>
</footer>

</body>
</html>
```

### dashboard1:-

```
{% extends "base.html" %}
{% block title %}Dashboard{% endblock %}

{% block content %}

<section class="page">
    <h2>Life Style Overview</h2>

    <div class='tableauPlaceholder' id='viz1769683977055' style='position: relative'><noscript><a href='#'><img alt='Life style overview ' src='https://public.tableau.com/static/images/2M&#47;2M4CMGNY7&#47;1_rss.png' style='border: none' /></a></noscript><object class='tableauViz' style='display:none;'><param name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed_code_version' value='3' /> <param name='path' value='shared&#47;2M4CMGNY7' /> <param name='toolbar' value='yes' /><param name='static_image' value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;2M&#47;2M4CMGNY7&#47;1.png' /> <param name='animate_transition' value='yes' /><param name='display_static_image' value='yes' /><param name='display_spinner' value='yes' /><param name='display_overlay' value='yes' /><param name='display_count' value='yes' /><param name='language' value='en-US' /><param name='filter' value='publish=yes' /></object></div> <script type='text/javascript'> var divElement = document.getElementById('viz1769683977055'); var
```

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```
vizElement = divElement.getElementsByTagName('object')[0];
if ( divElement.offsetWidth > 800 ) {
vizElement.style.width='1120px';vizElement.style.minHeight='587px';viz
Element.style.maxHeight='887px';vizElement.style.height=(divElement.of
fsetWidth*0.75)+'px';} else if ( divElement.offsetWidth > 500 ) {
vizElement.style.width='1120px';vizElement.style.minHeight='587px';viz
Element.style.maxHeight='887px';vizElement.style.height=(divElement.of
fsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1477px';}
var scriptElement = document.createElement('script');
scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
</script>

</section>

{% endblock %}
```

## dashboard2

```
{% extends "base.html" %}
{% block title %}Dashboard{% endblock %}

{% block content %}

<section class="page">
    <h2>Dietary Habits and Preferences</h2>

    <div class='tableauPlaceholder' id='viz1769683818275' style='position:
relative'><noscript><a href="#"><img alt='Dietary Habits and
Preferences ' src='https://public.tableau.com/static/images/Bo#
47;Book2_17696835683190#47;DietaryHabitsandPreferences#47;1_rss.png'
style='border: none' /></a></noscript><object class='tableauViz'
style='display:none;'><param name='host_url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param
name='embed_code_version' value='3' /> <param name='site_root'
value=' ' /><param name='name'
```

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```
value='Book2_17696835683190';DietaryHabitsandPreferences' /><param
name='tabs' value='no' /><param name='toolbar' value='yes' /><param
name='static_image'
value='https://public.tableau.com/static/images/Bo
&#47;Book2_17696835683190/DietaryHabitsandPreferences&#47;1.png'
/> <param name='animate_transition' value='yes' /><param
name='display_static_image' value='yes' /><param
name='display_spinner' value='yes' /><param name='display_overlay'
value='yes' /><param name='display_count' value='yes' /><param
name='language' value='en-US' /><param name='filter'
value='publish=yes' /></object></div> <script
type='text/javascript'>
var divElement =
document.getElementById('viz1769683818275'); var
vizElement = divElement.getElementsByTagName('object')[0];
if ( divElement.offsetWidth > 800 ) {
vizElement.style.minWidth='1120px';vizElement.style.maxWidth='1220px';
vizElement.style.width='100%';vizElement.style.minHeight='587px';vizEl
ement.style.maxHeight='887px';vizElement.style.height=(divElement.off
setWidth*0.75)+'px';} else if ( divElement.offsetWidth > 500 ) {
vizElement.style.minWidth='1120px';vizElement.style.maxWidth='1220px';
vizElement.style.width='100%';vizElement.style.minHeight='587px';vizEl
ement.style.maxHeight='887px';vizElement.style.height=(divElement.off
setWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1777px';}
var scriptElement = document.createElement('script');
scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
</script>
</section>
{%
  endblock %}
```

### dashboard3

```
{% extends "base.html" %}
{% block title %}Dashboard{% endblock %}

{% block content %}

<section class="page">
  <h2>Health and Nutrition</h2>
```

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---

```
<div class='tableauPlaceholder' id='viz1769684077355' style='position: relative'><noscript><a href='#'><img alt='Health and Nutrition ' src='https://public.tableau.com/static/images/Book2_17696835683190/HealthandNutrition/1_rss.png' style='border: none' /></a></noscript><object class='tableauViz' style='display:none;'><param name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed_code_version' value='3' /> <param name='site_root' value=' ' /><param name='name' value='Book2_17696835683190/HealthandNutrition' /><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/Book2_17696835683190/HealthandNutrition/1.png' /> <param name='animate_transition' value='yes' /><param name='display_static_image' value='yes' /><param name='display_spinner' value='yes' /><param name='display_overlay' value='yes' /><param name='display_count' value='yes' /><param name='language' value='en-US' /><param name='filter' value='publish=yes' /></object></div> <script type='text/javascript'> var divElement = document.getElementById('viz1769684077355'); var vizElement = divElement.getElementsByTagName('object')[0]; if ( divElement.offsetWidth > 800 ) { vizElement.style.width='1220px';vizElement.style.minHeight='587px';vizElement.style.maxHeight='887px';vizElement.style.height=(divElement.offsetWidth*0.75)+'px'; } else if ( divElement.offsetWidth > 500 ) { vizElement.style.width='1220px';vizElement.style.minHeight='587px';vizElement.style.maxHeight='887px';vizElement.style.height=(divElement.offsetWidth*0.75)+'px'; } else { vizElement.style.width='100%';vizElement.style.height='1477px'; } var scriptElement = document.createElement('script'); scriptElement.src = 'https://public.tableau.com/javascripts/api/viz_v1.js'; vizElement.parentNode.insertBefore(scriptElement, vizElement); </script> </section> <% endblock %>
```

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## dashboard4

---

```
{% extends "base.html" %}  
{% block title %}Dashboard{% endblock %}  
  
{% block content %}  
  
<section class="page">  
    <h2>parenten influence and Eating out</h2>  
  
<div class='tableauPlaceholder' id='viz1769684170994' style='position: relative'><noscript><a href='#'><img alt='Parental Influence and Eating Out ' src='https://public.tableau.com/static/images/Book2_17696835683190/ParentalInfluenceandEatingOut/1_rss.png' style='border: none' /></a></noscript><object class='tableauViz' style='display:none;'><param name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed_code_version' value='3' /> <param name='site_root' value=' ' /><param name='name' value='Book2_17696835683190/ParentalInfluenceandEatingOut' /><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/Book2_17696835683190/ParentalInfluenceandEatingOut/1.png' /> <param name='animate_transition' value='yes' /><param name='display_static_image' value='yes' /><param name='display_spinner' value='yes' /><param name='display_overlay' value='yes' /><param name='display_count' value='yes' /><param name='language' value='en-US' /><param name='filter' value='publish=yes' /></object></div> 
```

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```
vizElement.style.width='100%';vizElement.style.height='927px';}
var scriptElement = document.createElement('script');
scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
</script>

</section>

{% endblock %}
```

## index

```
{% extends "base.html" %}
{% block title %}Home{% endblock %}

{% block content %}

<section class="hero">
    <div class="hero-text">
        <h1>A College Food Choices Case Study</h1>
        <p>
            Understanding student food habits, nutrition awareness, and cafeteria satisfaction through data analysis.
        </p>
        <a href="/dashboard1" class="btn">View Dashboards</a>
    </div>
    <div class="hero-img">
        
    </div>
</section>

<section class="cards">
    <div class="card">
        <h3>/preferences</h3>
        <p>Analyze veg, non-veg, fast food & healthy choices.</p>
    </div>
</section>
```

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```
<div class="card">
    <h3>₹ Spending</h3>
    <p>Daily and monthly food expense behavior.</p>
</div>

<div class="card">
    <h3>▣ Nutrition</h3>
    <p>Health awareness among college students.</p>
</div>

<div class="card">
    <h3>● Cafeteria</h3>
    <p>Satisfaction level and improvement areas.</p>
</div>
</section>

{% endblock %}
```

---

## Story

---

```
{% extends "base.html" %}
{% block title %}Story{% endblock %}

{% block content %}
<section class="page">
    <h2>The impact of Childhood Food Preferences an Audit Choices</h2>

    <div class='tableauPlaceholder' id='viz1769684278687' style='position: relative'><noscript><a href='#'><img alt='The impact of childhood food preferences an adult choices ' src='https://public.tableau.com/static/images/CQ&CQQ7F47J8&1_rss.png' style='border: none' /></a></noscript><object class='tableauViz' style='display:none;'><param name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed_code_version' value='3' /> <param name='path' value='shared&#47;CQQ7F47J8' /> <param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/CQ&CQQ7F47J8&1.png' /> <param name='animate_transition' value='yes' /><param name='display_static_image' value='yes' /><param
```

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```
name='display_spinner' value='yes' /><param name='display_overlay'  
value='yes' /><param name='display_count' value='yes' /><param  
name='language' value='en-US' /><param name='filter'  
value='publish=yes' /></object></div> <script  
type='text/javascript'> var divElement =  
document.getElementById('viz1769684278687'); var  
vizElement = divElement.getElementsByTagName('object')[0];  
vizElement.style.width='1016px';vizElement.style.height='991px';  
var scriptElement = document.createElement('script');  
scriptElement.src =  
'https://public.tableau.com/javascripts/api/viz_v1.js';  
vizElement.parentNode.insertBefore(scriptElement, vizElement);  
</script>  
</section>  
{% endblock %}
```

