

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>
```

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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://public.tableau.com/static/images/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/Book2_17696835683190/DietaryHabitsandPreferences_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&#47;DietaryHabitsandPreferences' /><param
name='tabs' value='no' /><param name='toolbar' value='yes' /><param
name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;Bo
&#47;Book2_17696835683190&#47;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.offse
tWidth*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.offse
tWidth*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');
vizElement = divElement.getElementsByTagName('object')[0];
if ( divElement.offsetWidth > 800 ) {
vizElement.style.width='1220px';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='1220px';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 %}
```

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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/Bo&#
47;Book2_17696835683190&#47;ParentalInfluenceandEatingOut&#47;1_rss.pn
g' 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&#47;ParentalInfluenceandEatingOut'
/><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&#47;ParentalInfluenceandEatingOut&#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('viz1769684170994');
    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 {
```

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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>
```


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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 %}
```

