

Dog breed identification using transfer learning

Chapter 12

Appendix

12.1 - Source Code

Index.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Dog Breed Identification</title>
    <meta name="viewport" content="width=device-width, initial-
scale=1">

    <style>
        body {
            margin: 0;
            font-family: Arial, Helvetica, sans-serif;
            background: #000;
            color: white;
        }

        /* Navbar */
        .navbar {
            display: flex;
            justify-content: space-between;
            align-items: center;
            padding: 20px 80px;
        }

        .logo {
            font-size: 22px;
            font-weight: bold;
            letter-spacing: 2px;
        }

        .nav-links a {
            color: white;
            text-decoration: none;
            margin: 0 20px;
        }

        .nav-links a:hover {
            color: orange;
        }

        .inspect-btn {
            border: 2px solid orange;
```

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```
padding: 8px 18px;  
border-radius: 5px;  
color: white;  
text-decoration: none;  
}  
  
.inspect-btn:hover {  
background: orange;  
color: black;  
}  
  
/* Hero Section */  
.hero {  
height: 85vh;  
display: flex;  
justify-content: center;  
align-items: center;  
flex-direction: column;  
text-align: center;  
}  
  
.hero h1 {  
font-size: 55px;  
}  
  
.hero span {  
color: orange;  
}  
  
.hero p {  
color: #ccc;  
margin-bottom: 30px;  
}  
  
/* Upload Box */  
.upload-box {  
margin-top: 20px;  
}  
  
input[type="file"] {  
padding: 8px;  
background: white;  
color: black;  
border-radius: 5px;  
}  
  
.btn {  
margin-top: 20px;  
padding: 10px 25px;
```

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```
background: orange;
border: none;
border-radius: 5px;
font-size: 16px;
cursor: pointer;
}

.btn:hover {
    background: darkorange;
}

img {
    margin-top: 20px;
    max-width: 400px;
    border-radius: 10px;
}
</style>


<script>
    function previewImage(event) {
        const reader = new FileReader();
        reader.onload = function() {
            const output = document.getElementById('preview');
            output.src = reader.result;
            output.style.display = "block";
        }
        reader.readAsDataURL(event.target.files[0]);
    }
</script>
</head>

<body>


<div class="navbar">
    <div class="logo">DOG BREED.</div>
    <div class="nav-links">
        <a href="/">Home</a>
        <a href="#">About</a>
        <a href="#">Contact</a>
    </div>
    <a href="#" class="inspect-btn">Inspect</a>
</div>

<!-- Hero Section --&gt;</pre>
```

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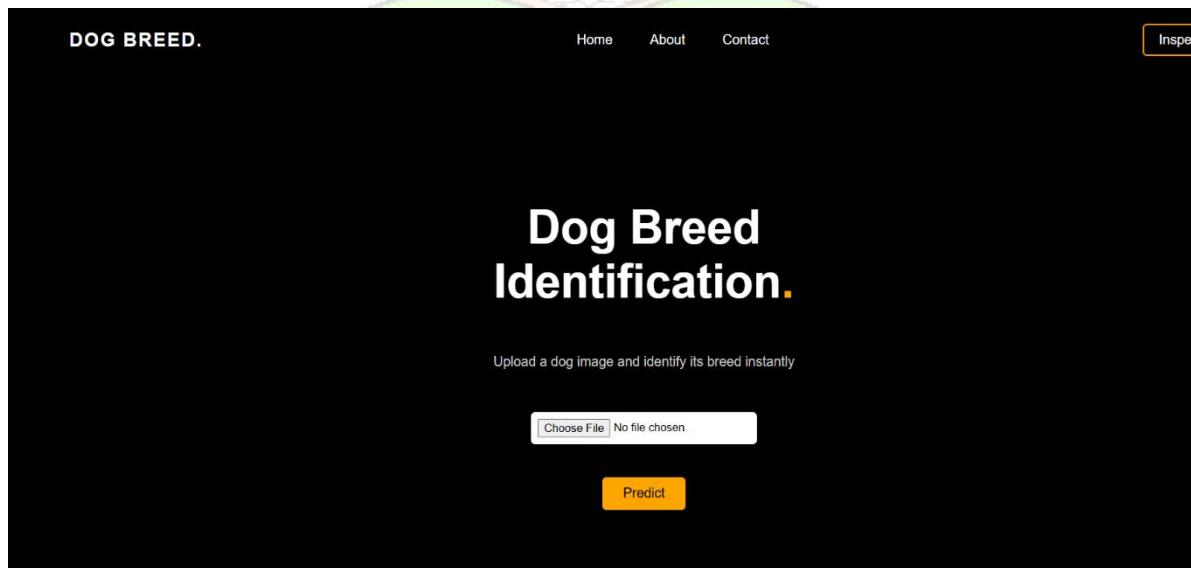
```
<div class="hero">
    <h1>Dog Breed <br> Identification<span>. </span></h1>
    <p>Upload a dog image and identify its breed instantly</p>

    <!-- Upload Form -->
    <form action="{{ url_for('output') }}" method="POST"
        enctype="multipart/form-data">
        <div class="upload-box">
            <input type="file" name="file" accept="image/*"
                onchange="previewImage(event)" required>
        </div>

        <img id="preview" style="display:none;" />

        <br>
        <button type="submit" class="btn">Predict</button>
    </form>
</div>

</body>
</html>
```



Predict.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Dog Breed Identification</title>
    <meta name="viewport" content="width=device-width, initial-
scale=1">

    <style>
```

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```
body {  
    margin: 0;  
    font-family: Arial;  
    background: #f4f4f4;  
    text-align: center;  
}  
  
.navbar {  
    background: black;  
    color: white;  
    padding: 20px;  
}  
  
.navbar a {  
    color: white;  
    margin: 0 20px;  
    text-decoration: none;  
}  
  
.container {  
    margin-top: 40px;  
}  
  
input[type="file"] {  
    margin: 20px;  
}  
  
.btn {  
    background: green;  
    color: white;  
    padding: 10px 25px;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
}  
  
.btn:hover {  
    background: darkgreen;  
}  
  
img {  
    margin-top: 20px;  
    max-width: 500px;  
}  
    
```

```
</style>
```

```
</head>  
  
<body>
```

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```
<div class="navbar">
    <a href="/">Home</a>
    <a href="/">About</a>
    <a href="/">Contact</a>
</div>

<div class="container">
    <h2>Dog Breed Identification</h2>

    <form action="{{ url_for('output') }}" method="POST"
        enctype="multipart/form-data">
        <input type="file" name="file" required>
        <br>
        <button type="submit" class="btn">Predict</button>
    </form>
</div>

</body>
</html>
```



Output.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Dog Breed Identification</title>
    <meta name="viewport" content="width=device-width, initial-
scale=1">

    <style>
```

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```
body {  
    margin: 0;  
    font-family: Arial;  
    background: #000;  
    color: white;  
    text-align: center;  
}  
  
.navbar {  
    display: flex;  
    justify-content: space-between;  
    padding: 20px 80px;  
    align-items: center;  
}  
  
.nav-links a {  
    color: white;  
    margin: 0 15px;  
    text-decoration: none;  
}  
  
.nav-links a:hover {  
    color: orange;  
}  
  
.inspect-btn {  
    border: 2px solid orange;  
    padding: 8px 18px;  
    border-radius: 5px;  
    color: white;  
    text-decoration: none;  
}  
  
.inspect-btn:hover {  
    background: orange;  
    color: black;  
}  
  
.result {  
    height: 80vh;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    flex-direction: column;  
}  
  
.result h1 {  
    font-size: 55px;  
}
```

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```
.result span {
    color: orange;
}

.back-btn {
    margin-top: 30px;
    padding: 10px 25px;
    background: orange;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}

.back-btn:hover {
    background: darkorange;
}
</style>
</head>

<body>

<div class="navbar">
    <h2>DOG BREED IDENTIFICATION</h2>

    <div class="nav-links">
        <a href="/">Home</a>
        <a href="/">About</a>
        <a href="/">Contact</a>
    </div>

    <a href="{{ url_for('predict') }}" class="inspect-btn">Inspect</a>
</div>

<div class="result">
    <h1>
        The Dog Breed is <br>
        <span>{{ predict }}</span>
    </h1>

    <a href="{{ url_for('predict') }}">
        <button class="back-btn">Predict Another</button>
    </a>
</div>

</body>
</html>
```

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Home About Contact

Dog Breed Identification

No file chosen

