

<html>

<head>

<title>Digit Recognition WebApp</title>

<meta name="viewport" content="width=device-width">

<!-- GoogleFont -->

<link href="https://fonts.googleapis.com/css2?family=Prompt:wght@600&display=swap" rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Varela+Round&display=swap" rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Source+Code+Pro:wght@500&display=swap" rel="stylesheet">

<link href="https://fonts.googleapis.com/css?family=Calistoga|Josefin+Sans:400,700|Pacifico&display=swap" rel="stylesheet">

<!-- bootstrap -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

<link rel="stylesheet" type="text/css" href="{{ url_for('static',filename='css/style.css') }}">

<!-- fontawesome -->

<script src="https://kit.fontawesome.com/b3aed9cb07.js" crossorigin="anonymous"></script>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFF/nJGzlxFDSf4x0xIM+B07jRM" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/@tensorflow/tfjs@latest"></script>

<style>

```
#clear_button{  
margin-left: 15px;  
font-weight: bold;  
color: blue;  
}
```

#confidence{

```
font-family: 'Josefin Sans', sans-serif;
margin-top: 7.5%;
}
```

```
#content{
margin: 0 auto;
padding: 2% 15%;
padding-bottom: 0;
}
```

```
.welcome{
text-align: center;
position: relative;
color: black;
background-color: rgba(0, 0, 0, 0.068);
padding-top: 1%;
padding-bottom: 1%;
font-weight: bold;
font-family: 'Prompt', sans-serif;
}
```

```
#team_id{
text-align: right;
font-size: 25px;
padding-right: 3%;
}
```

```
#predict_button{
margin-right: 15px;
color: blue;
font-weight: bold;
}
```

```
#prediction_heading{
```

```
font-family: 'Josefin Sans', sans-serif;
margin-top: 7.5%;
}
```

```
#result{
font-size: 5rem;
}
```

```
#title{
padding: 1.5% 15%;
margin: 0 auto;
text-align: center;
}
```

```
.btn {
font-size: 15px;
padding: 10px;
-webkit-appearance: none;
background: #eee;
border: 1px solid #888;
margin-top: 20px;
margin-bottom: 20px;
}
```

```
.buttons_div{
margin-bottom: 30px;
margin-right: 80px;
}
```

```
.heading{
font-family: 'Varela Round', sans-serif;
font-weight: 700;
font-size: 2rem;
display: inline;
```

```
}
```

```
.leftside{
```

```
text-align: center;
```

```
margin: 0 auto;
```

```
margin-top: 2%;
```

```
/* padding-left: 10%; */
```

```
}
```

```
#frame{
```

```
margin-right: 10%;
```

```
}
```

```
.predicted_answer{
```

```
text-align: center;
```

```
margin: 0 auto;
```

```
padding: 3% 5%;
```

```
padding-top: 0;
```

```
/* padding-left: 10%; */
```

```
}
```

```
p{
```

```
font-family: 'Source Code Pro', monospace,sans-serif;
```

```
margin-top: 1%;
```

```
}
```

```
@media (min-width: 720px) {
```

```
.leftside{
```

```
padding-left: 10%;
```

```
}
```

```
}
```

```
</style>
```

```
</head>
```

```
<script>

function preview() {

    frame.src=URL.createObjectURL(event.target.files[0]);

}
```

```
$(document).ready(function() {

    $('#clear_button').on('click', function() {

        $('#image').val("");

        $('#frame').attr('src', "");

    });

});
```

```
</script>
```

```
<body>
```

```
<div class="bg-img"></div>
```

```
<section id="title">
```

```
<h4 class="heading">Handwritten Digit Recognition Website</h4>
```

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

```
<p>
```

The website is designed to predict the handwritten digit.

```
</p>
```

```
<p>
```

Handwriting recognition is one of the compelling research works going on because every individual in this world

has their own style of writing. It is the capability of the computer to identify and understand

handwritten digits or characters automatically. Because of the progress in the field of science and technology,

everything is being digitalized to reduce human effort.</p>

```
<br>
```

```
</section>
```

```
<section id="content">
```

```
<div class="leftside">

<form action="/predict" method="POST" enctype="multipart/form-data">

<label>Select a image:</label>

<input id="image" type="file" name="image" accept="image/png, image/jpeg"
onchange="preview()"><br><br>

<img id="frame" src="" width="100px" height="100px"/>

<div class="buttons_div">

<button type="submit" class="btn btn-dark" id="predict_button">Predict</button>

<button type="button" class="btn btn-dark" id="clear_button">&nbsp;Clear &nbsp;</button>

</div>

</form>

</div>

</section>

</body>

</html>
```