

TITTLE:

revolutionizing liver care : predicting liver cirrhosis using advanced machine learning techniques

PROGRAM:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>

  <title>Liver Cirrhosis Prediction</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: linear-gradient(to right, #ffffff, #e0f7fa);

      margin: 0;

      padding: 0;

    }

    .container {

      max-width: 600px;

      margin: 40px auto;

      padding: 20px;

      background-color: #ffffff;

      border-radius: 10px;

      box-shadow: 0 0 15px rgba(0, 0, 0, 0.1);

    }

    h2 {

      text-align: center;

      color: #00796b;

    }

    label {

      display: block;
```

```
margin: 10px 0 5px;

}

input, select {

width: 100%;

padding: 8px;

border-radius: 5px;

border: 1px solid #ccc;

}

button {

margin-top: 20px;

width: 100%;

padding: 12px;

background-color: #00796b;

color: white;

border: none;

border-radius: 5px;

font-size: 16px;

}

button:hover {

background-color: #004d40;

}

</style>

</head>

<body>

<div class="container">

<h2>🩺 Liver Cirrhosis Prediction</h2>

<form action="/predict" method="POST">

<label for="Age">Age</label>

<input type="number" name="Age" required>

<label for="Gender">Gender</label>
```

```
<select name="Gender" required>
```

```
<option value="Male">Male</option>
```

```
<option value="Female">Female</option>
```

```
</select>
```

```
<label for="Total_Bilirubin">Total Bilirubin</label>
```

```
<input type="number" step="0.01" name="Total_Bilirubin" required>
```

```
<label for="Direct_Bilirubin">Direct Bilirubin</label>
```

```
<input type="number" step="0.01" name="Direct_Bilirubin" required>
```

```
<label for="Alkaline_Phosphotase">Alkaline Phosphotase</label>
```

```
<input type="number" name="Alkaline_Phosphotase" required>
```

```
<label for="Alamine_Aminotransferase">Alamine Aminotransferase</label>
```

```
<input type="number" name="Alamine_Aminotransferase" required>
```

```
<label for="Aspartate_Aminotransferase">Aspartate Aminotransferase</label>
```

```
<input type="number" name="Aspartate_Aminotransferase" required>
```

```
<label for="Total_Proteins">Total Proteins</label>
```

```
<input type="number" step="0.01" name="Total_Proteins" required>
```

```
<label for="Albumin">Albumin</label>
```

```
<input type="number" step="0.01" name="Albumin" required>
```

```
<label for="Albumin_and_Globulin_Ratio">Albumin and Globulin Ratio</label>
```

```
<input type="number" step="0.01" name="Albumin_and_Globulin_Ratio" required>
```


```
<button type="submit">Predict</button>
```

```
</form>
```

```
</div>
```

```
</body>
</html>
```

OUTPUT:

 **Liver Cirrhosis Prediction**

Age

Gender

Male

Total Bilirubin

Direct Bilirubin

Alkaline Phosphotase

Alamine Aminotransferase

Aspartate Aminotransferase

Total Proteins

Albumin

Albumin and Globulin Ratio

Predict