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CRIME PREDICTION USING A MACHINE LEARNING ALGORITHM

## FRONTEND SOURCE CODE (HTML, CSS)

### Inde.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Crime Prediction</title>

  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.
css">

  <style>

    body {

      background-color: #f8f9fa;

      padding-top: 50px;

    }

    .form-container {

      max-width: 500px;

      margin: auto;
```

```
background: white;

padding: 30px;

border-radius: 10px;

box-shadow: 0 0 10px rgba(0,0,0,0.1);

}

</style>

</head>

<body>

<div class="form-container">

  <h2 class="text-center mb-4">Crime Prediction</h2>

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

    <div class="mb-3">

      <label for="date" class="form-label">Date</label>

      <input type="date" class="form-control" id="date" name="date" required>

    </div>

    <div class="mb-3">

      <label for="location" class="form-label">Location</label>

      <select class="form-select" id="location" name="location" required>

        <option value="">Select a City</option>

        {% for location in locations %}

          <option value="{{ location }}">{{ location }}</option>

        {% endfor %}

      </select>

    </div>

  </form>

</div>
```

```
        <button type="submit" class="btn btn-primary w-100">Predict
        Crime</button>

    </form>

</div>

</body>

</html>
```

### **Result.html**

```
<!DOCTYPE html>

<html>

<head>

    <title>Prediction Results</title>

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.
css">

</head>

<body class="p-5">

    <h2>Crime Predictions by Model</h2>

    <ul class="list-group">

        {% for model, prediction in predictions.items() %}

            <li class="list-group-item"><strong>{{ model }}:</strong> {{ prediction }}</li>

        {% endfor %}

    </ul>

    <h3>Filtered Data</h3>
```

<div>

{{ table | safe }}

</div>

</body>

</html>