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OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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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;

        }

    </style>

```

```
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>
```

```
        <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>
```