

# visualizations.html

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{% extends "base.html" %}
{% block content %}

<!-- Severity Pie Chart -->
<div class="card mb-4">
  <div class="card-header">Severity Distribution</div>
  <div class="card-body">
    <canvas id="severityPie" height="120"></canvas>
  </div>
</div>

<!-- Timeline Line Chart -->
<div class="card mb-4">
  <div class="card-header">CVEs Over Time</div>
  <div class="card-body">
    <canvas id="timelineChart" height="120"></canvas>
  </div>
</div>

<!-- Top CWE Bar Chart -->
<div class="card mb-4">
  <div class="card-header">Top Vulnerability Types (CWEs)</div>
  <div class="card-body">
    <canvas id="cweBar" height="200"></canvas>
  </div>
</div>

<!-- Pass data as JSON for JS -->
<script>
  const metrics = {{ metrics|tojson }};
  const timeline_data = {{ timeline_data|tojson }};
  const cwe_stats = {{ cwe_stats|tojson }};
</script>
<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
<script src="{{ url_for('static', filename='js/visualizations.js') }}">
</script>
```

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{% endblock %}
```