

Experiment 3

AIM: Admin Dashboard with CSS Grid Layout and Theme Switching.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8"/>
  <meta name="viewport" content="width=device-width, initial-
scale=1.0"/>
  <title>Admin Dashboard</title>
  <link
href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600
&display=swap" rel="stylesheet">
  <style>
    :root {
      --bg: #f9f9f9;
      --text: #222;
      --card: #fff;
      --primary: #007bff;
    }

    [data-theme="dark"] {
      --bg: #121212;
      --text: #f0f0f0;
      --card: #1e1e1e;
      --primary: #4e9eff;
    }

    body {
      margin: 0;
      background-color: var(--bg);
      color: var(--text);
      font-family: 'Inter', sans-serif;
    }

    header {
```

```
background-color: var(--primary);
color: white;
padding: 1em 2em;
display: flex;
justify-content: space-between;
align-items: center;
}
```

```
.dashboard {
display: grid;
grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
gap: 20px;
padding: 2em;
}
```

```
.card {
background: var(--card);
padding: 20px;
border-radius: 12px;
box-shadow: 0 4px 12px rgba(0,0,0,0.1);
transition: background 0.3s;
}
```

```
.card h3 {
margin: 0 0 10px;
}
```

```
.toggle-theme {
background: transparent;
border: 2px solid white;
color: white;
padding: 6px 12px;
border-radius: 8px;
cursor: pointer;
font-weight: 600;
}
```

```
.toggle-theme:hover {
background: rgba(255, 255, 255, 0.2);
}
```

```
</style>
</head>
<body data-theme="light">
  <header>
    <h1>Admin Dashboard</h1>
    <button class="toggle-theme" onclick="toggleTheme()">Toggle
Theme</button>
  </header>

  <main class="dashboard">
    <div class="card">
      <h3>Users</h3>
      <p>1,245 active</p>
    </div>
    <div class="card">
      <h3>Revenue</h3>
      <p>$94,300</p>
    </div>
    <div class="card">
      <h3>Tasks</h3>
      <p>23 pending</p>
    </div>
    <div class="card">
      <h3>Feedback</h3>
      <p>87 new messages</p>
    </div>
  </main>

  <script>
    function toggleTheme() {
      const current = document.body.getAttribute('data-theme');
      document.body.setAttribute('data-theme', current === 'dark' ?
'light' : 'dark');
    }
  </script>
</body>
</html>
```

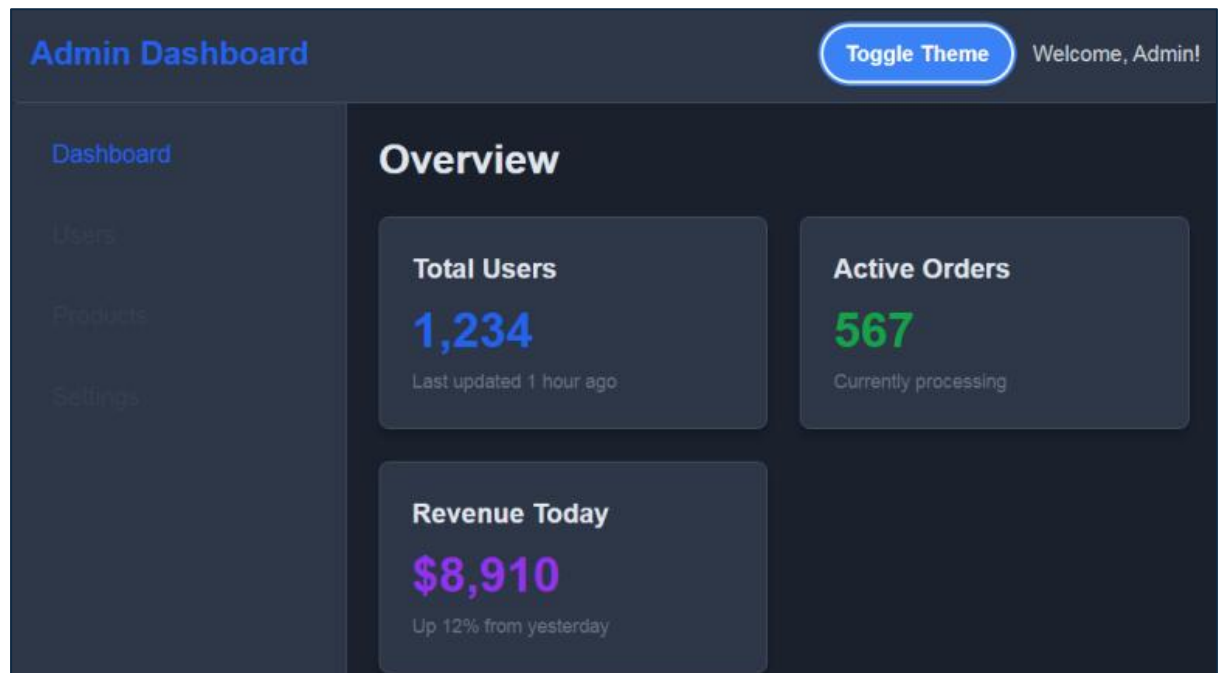


Figure 1: Experiment 3 Admin Dashboard Output