Experiment 3

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

```html
<!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);
```

```css
  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>
```

```html
</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>
```
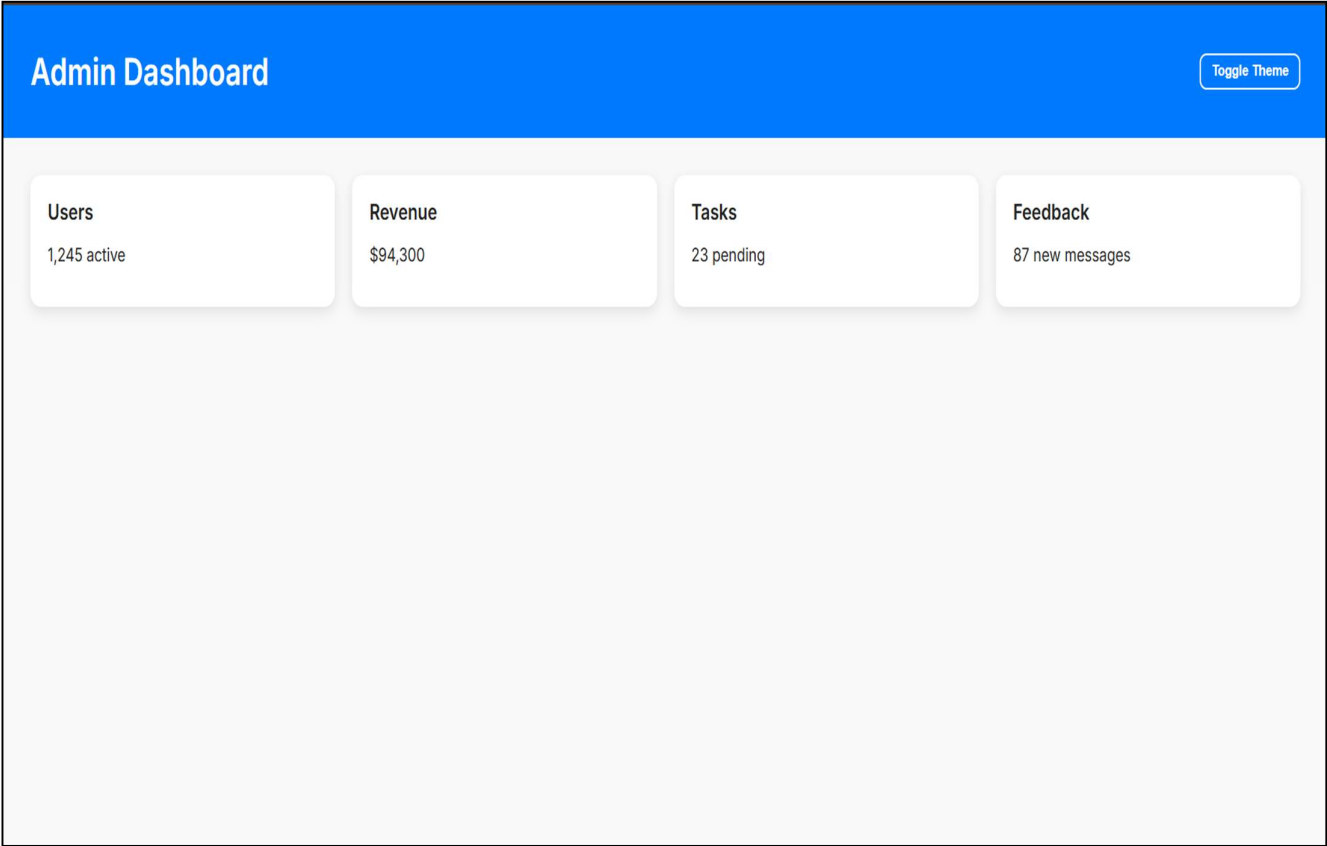
Figure 1: Experiment 3 Admin Dashboard Output