```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Data Visualization Task - SkillCraft</title>
7       <style>
8           body { font-family: Arial, sans-serif; margin: 0; padding: 0; background: #f4f4f4; text-align: center; }
9           header { background: #2c3e50; color: #fff; padding: 20px 0; }
10          nav a { margin: 0 20px; text-decoration: none; color: #fff; font-weight: bold; }
11          nav a:hover { color: #f1c40f; }
12          section { padding: 50px 20px; }
13          .btn { display: inline-block; margin-top: 30px; padding: 12px 24px; background: #2980b9; color: #fff; font-si
14          .btn:hover { background: #3498db; }
15          footer { background: #2c3e50; color: #fff; padding: 15px 0; margin-top: 40px; font-size: 14px; }
16      </style>
17  </head>
18  <body>
19      <header>
20          <h1>SkillCraft Technology</h1>
21              <a href="index.html">Home</a>
22              <a href="chart.html">Chart</a>
23          </nav>
24      </header>
25      <section>
26          <h2>Task 01 - Data Visualization</h2>
27          <p>Create a bar chart to visualize population distribution by age groups in India (2022).</p>
28          <a href="chart.html" class="btn">View Chart</a>
29      </section>
30      <footer>
31          Developed by Suzain Bargir ⎮ Data Science Intern
32      </footer>
33  </body>
34  </html>-
```

```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Population Chart</title>
7       <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
8       <style>
9           body { font-family: Arial, sans-serif; background: #f4f4f4; text-align: center; margin: 0; padding: 0; }
10          header { background: #2c3e50; color: #fff; padding: 20px 0; }
11          nav a { margin: 0 20px; text-decoration: none; color: #fff; font-weight: bold; }
12          nav a:hover { color: #f1c40f; }
13          .chart-container { width: 90%; max-width: 700px; margin: auto; background: #fff; padding: 20px; border-radius:
14          img { margin-top: 20px; width: 60%; border: 2px solid #ccc; border-radius: 10px; }
15          footer { background: #2c3e50; color: #fff; padding: 15px 0; margin-top: 40px; font-size: 14px; }
16      </style>
17  </head>
18  <body>
19      <header>
20          <h1>Population Visualization</h1>
21          <nav>
22              <a href="index.html">Home</a>
23              <a href="chart.html">Chart</a>
24          </nav>
25      </header>
26      <div class="chart-container">
27          <h2>Interactive Chart</h2>
28          <canvas id="ageChart"></canvas>
29          <h2>Static Chart Image</h2>
30          <img src="population_bar_chart.png" alt="Static Bar Chart">
31      </div>
32      <footer>
33          Developed by Suzain Bargir | Data Science Intern
34      </footer>
35      <script>
36          const ctx = document.getElementById('ageChart').getContext('2d');
```

```
35    <script>
36        const ctx = document.getElementById('ageChart').getContext('2d');
37        const ageChart = new Chart(ctx, {
38            type: 'bar',
39            data: {
40                labels: ['0-20 Years', '21-44 Years', '45+ Years'],
41                datasets: [{
42                    label: 'Population (in millions)',
43                    data: [532, 497, 444],
44                    backgroundColor: ['#f1c40f', '#2980b9', '#2ecc71']
45                }]
46            },
47            options: {
48                responsive: true,
49                plugins: {
50                    title: { display: true, text: "Interactive Population Distribution" }
51                },
52                scales: {
53                    y: { beginAtZero: true, title: { display: true, text: 'Population (in millions)' } }
54                }
55            }
56        });
57    </script>
58  </body>
59  </html>
```

India's Population Distribution by Age (2022)