

Untitled-1

```
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>Cloud Computing</title>
7   <style>
8     body {
9       font-family: Arial, sans-serif;
10      background-color: #f4f4f4;
11      color: #333;
12      margin: 0;
13      padding: 0;
14    }
15    header {
16      background-color: #4CAF50;
17      color: white;
18      padding: 10px 0;
19      text-align: center;
20    }
21    main {
22      max-width: 800px;
23      margin: 20px auto;
24      padding: 20px;
25      background-color: white;
26      border-radius: 8px;
27      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
28    }
29    h1, h2 {
30      color: #333;
31    }
32    p {
33      line-height: 1.6;
34      margin-bottom: 20px;
35    }
36    ul {
37      margin: 20px 0;
38      padding: 0;
39      list-style-type: none;
40    }
41    ul li {
42      background: #e7f3e7;
43      padding: 10px;
44      margin-bottom: 10px;
45      border-left: 5px solid #4CAF50;
46    }
47    footer {
48      background-color: #333;
```

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49         color: white;
50         text-align: center;
51         padding: 10px;
52         margin-top: 20px;
53     }
54 </style>
55 </head>
56 <body>
57     <header>
58         <h1>Cloud Computing</h1>
59     </header>
60
61     <main>
62         <section id="introduction">
63             <h2>Introduction</h2>
64             <p>
65                 Cloud computing is the delivery of computing services—including servers,
66                 storage, databases, networking, software, analytics, and intelligence—over the Internet (“the
67                 cloud”) to offer faster innovation, flexible resources, and economies of scale.
68             </p>
69         </section>
70
71         <section id="types-of-cloud-services">
72             <h2>Types of Cloud Services</h2>
73             <ul>
74                 <li><strong>Infrastructure as a Service (IaaS):</strong> Provides virtualized
75                 computing resources over the internet.</li>
76                 <li><strong>Platform as a Service (PaaS):</strong> Offers hardware and software
77                 tools over the internet, typically for application development.</li>
78                 <li><strong>Software as a Service (SaaS):</strong> Delivers software
79                 applications over the internet, on a subscription basis.</li>
80             </ul>
81         </section>
82
83         <section id="benefits">
84             <h2>Benefits of Cloud Computing</h2>
85             <ul>
86                 <li><strong>Cost Efficiency:</strong> Reduces the capital expense of buying
87                 hardware and software.</li>
88                 <li><strong>Scalability:</strong> Easily scale up or down your computing
89                 resources as needed.</li>
90                 <li><strong>Accessibility:</strong> Access your data and applications from
91                 anywhere, at any time.</li>
92                 <li><strong>Security:</strong> Offers a broad set of policies, technologies,
93                 and controls that strengthen your security posture.</li>
94             </ul>
95         </section>
96
97         <section id="use-cases">
98             <h2>Common Use Cases</h2>
99             <ul>
```

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91         <li><strong>Data Backup and Recovery:</strong> Store and retrieve data easily
with cloud-based solutions.</li>
92         <li><strong>Development and Testing:</strong> Quickly spin up and tear down
development and testing environments.</li>
93         <li><strong>Big Data Analytics:</strong> Analyze large datasets efficiently
with cloud computing power.</li>
94         <li><strong>Web Hosting:</strong> Host websites and web applications with
scalable cloud infrastructure.</li>
95     </ul>
96     </section>
97 </main>
98
99     <footer>
100         <p>&copy; 2024 Cloud Computing Overview. All Rights Reserved.</p>
101     </footer>
102 </body>
103 </html>
104
```