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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" />
6   <title>Recommendation System Portfolio – M. San Jay</title>
7   <style>
8     :root{
9       --bg:#f7f8fb;
10      --card:#ffffff;
11      --accent:#0f62fe;
12      --muted:#666;
13      --pad:18px;
14      --container-w:1000px;
15    }
16    *{box-sizing:border-box}
17    body{
18      font-family: Inter, system-ui, -apple-system, "Segoe UI", Roboto,
"Helvetica Neue", Arial;
19      margin:0;
20      background:var(--bg);
21      color:#111;
22      line-height:1.45;
23    }
24    .container{
25      max-width:var(--container-w);
26      margin:0 auto;
27      padding:24px;
28    }
29    .site-header{
30      background:linear-gradient(90deg,#0f62fe 0%, #7cc6ff 100%);
31      color:white;
32      padding:20px 0;
33    }
34    .site-header .container{display:flex;flex-direction:column;gap:8px}
35    .site-header h1{margin:0;font-size:1.6rem;letter-spacing:0.6px}
36    .subtitle{opacity:0.95;margin:0;font-size:0.95rem}
37    nav{display:flex;gap:12px;margin-top:8px}
38    nav a{color:rgba(255,255,255,0.95);text-decoration:none;font-weight:600}
39    .card{
40      background:var(--card);
41      border-radius:12px;
42      padding:var(--pad);
43      margin:18px 0;
44      box-shadow:0 6px 18px rgba(15,22,36,0.06);
45    }
46    .card h2{margin-top:0}
47    ul{margin:8px 0 0 1.2rem}
48    .site-footer{
49      padding:16px 0;
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50     text-align:center;
51     color:var(--muted);
52     font-size:0.9rem;
53 }
54 a{color:var(--accent)}
55 @media (min-width:900px){
56     .site-header .container{flex-direction:row;align-items:center;justify-
content:space-between}
57     nav{margin-top:0}
58 }
59 </style>
60 </head>
61 <body>
62     <header class="site-header">
63         <div class="container">
64             <h1>M. SAN JAY</h1>
65             <p class="subtitle">B.Sc Computer Science with Data Analytics –
Recommendation System Portfolio</p>
66             <nav>
67                 <a href="#about">About</a>
68                 <a href="#project">Project</a>
69                 <a href="#tools">Tools</a>
70                 <a href="#results">Results</a>
71                 <a href="#contact">Contact</a>
72             </nav>
73         </div>
74     </header>
75
76     <main class="container">
77         <section id="about" class="card">
78             <h2>About</h2>
79             <p><strong>Student:</strong> M. San Jay<br />
80                 <strong>Register No / NMID:</strong> 24UCDA045 / asbrubl2428b0060<br
/>
81                 <strong>College:</strong> United College of Arts & Science</p>
82         </section>
83
84         <section id="project" class="card">
85             <h2>Project – Recommendation System</h2>
86             <p><strong>Subtitle:</strong> Personalized Suggestions using
Collaborative and Content-Based Filtering</p>
87             <h3>Problem Statement</h3>
88             <p>With the rapid growth of e-commerce and OTT platforms, users face
choice overload. This project builds a Recommendation System to provide
personalized suggestions, improve user satisfaction, and increase engagement.
</p>
89
90             <h3>Project Overview</h3>
91             <ul>
92                 <li>Models: Collaborative Filtering, Content-Based Filtering, Hybrid
approaches</li>

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93     <li>Datasets: MovieLens / Amazon / Custom</li>
94     <li>Deliverable: Dashboard or report with top-n recommendations and
visualizations</li>
95 </ul>
96 </section>
97
98 <section id="tools" class="card">
99     <h2>Tools & Techniques</h2>
100    <ul>
101        <li>Python, Pandas, NumPy</li>
102        <li>scikit-learn, Surprise / LightFM</li>
103        <li>Matplotlib, Seaborn & Jupyter Notebook</li>
104        <li>Git & GitHub for version control</li>
105    </ul>
106 </section>
107
108 <section id="results" class="card">
109     <h2>Results & Screenshots</h2>
110     <p>Typical outputs: Top-N recommendations per user, RMSE / Precision /
Recall, heatmaps of user-item interactions, comparison charts for model
accuracy.</p>
111     <p><em>Key findings:</em> Collaborative filtering is effective with
enough user data; content-based helps cold-start items/users; hybrid approaches
often give best accuracy.</p>
112 </section>
113
114 <section id="contact" class="card">
115     <h2>GitHub & Contact</h2>
116     <p>Portfolio repo (example): <a href="https://github.com/ssanjuma0-
bot/Recommendation-System-Portfolio" target="_blank" rel="noopener">ssanjuma0-
bot / Recommendation-System-Portfolio</a></p>
117     <p>Email: (add your email here)</p>
118 </section>
119 </main>
120
121 <footer class="site-footer">
122     <div class="container">
123         <p>© <span id="year"></span> M. San Jay – Recommendation System
Portfolio</p>
124     </div>
125 </footer>
126
127 <script>
128     document.getElementById('year').textContent = new Date().getFullYear();
129 </script>
130 </body>
131 </html>
132

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