Epoch	Training Loss	Training Accuracy	Validation Loss	Validation Accuracy	F1 Score	Precision	Recall
1	0.8836	55.00%	0.6841	64.34%	0.7296	0.6195	0.9529
2	0.6764	59.45%	0.6660	64.93%	0.7178	0.6423	0.8923
3	0.6767	63.89%	0.6467	67.16%	0.7462	0.6593	0.9259
4	0.6789	60.55%	0.8293	57.91%	0.7085	0.5791	0.9896
5	0.6705	58.70%	0.6341	63.73%	0.6573	0.6500	0.7301
6	0.6468	62.41%	0.6938	54.48%	0.4273	0.5918	0.3799
7	0.6274	60.37%	0.6780	62.09%	0.5418	0.7175	0.4771
8	0.6086	67.22%	0.7596	69.10%	0.7423	0.6826	0.8728
9	0.5957	69.44%	0.6326	70.75%	0.7214	0.7226	0.7859
10	0.5501	70.00%	0.6334	66.86%	0.6901	0.6828	0.7650
11	0.5758	70.37%	0.6062	71.79%	0.7493	0.7306	0.8345
12	0.5837	69.08%	0.6314	62.99%	0.6094	0.7266	0.5900
13	0.5199	74.81%	0.5632	71.64%	0.7284	0.7129	0.8010
14	0.5384	69.63%	0.5641	72.09%	0.7608	0.7078	0.8910
15	0.5322	70.75%	0.5400	70.45%	0.6799	0.7705	0.6695
16	0.5304	74.63%	0.5850	70.00%	0.6831	0.7767	0.6685
17	0.4792	75.18%	0.5287	74.18%	0.7400	0.7756	0.7720
18	0.4636	77.96%	0.5980	69.55%	0.6558	0.7607	0.6296
19	0.4312	78.89%	0.5770	73.85%	0.7261	0.8140	0.7150
20	0.4715	77.59%	0.5168	77.01%	0.7479	0.7893	0.7677
21	0.3865	83.15%	0.5345	75.07%	0.7401	0.8174	0.7188
22	0.4420	80.92%	0.5336	75.22%	0.7317	0.8045	0.7266
23	0.4526	81.48%	0.6100	67.61%	0.6943	0.6785	0.7795
24	0.4071	82.78%	0.5213	75.52%	0.7499	0.7719	0.7900
25	0.4066	81.11%	0.8679	69.85%	0.7536	0.6966	0.8965
26	0.3687	84.44%	0.6829	68.06%	0.6198	0.7544	0.5892
27	0.3166	88.70%	0.7149	68.21%	0.6470	0.7980	0.5945
28	0.3193	85.74%	0.6319	70.75%	0.6732	0.7618	0.6580
29	0.3286	86.67%	0.6119	72.81%	0.6958	0.7921	0.6836
30	0.2945	87.59%	0.8323	70.45%	0.6394	0.7738	0.5805
31	0.2511	90.00%	0.5252	79.25%	0.7822	0.8138	0.8057
32	0.2418	91.30%	0.7866	72.09%	0.6487	0.8300	0.5723
33	0.2568	91.30%	0.5185	77.76%	0.7919	0.7701	0.8724
34	0.2624	89.26%	0.5790	80.15%	0.7436	0.8820	0.6827
35	0.1856	91.30%	0.5624	83.88%	0.8322	0.8466	0.8591
36	0.1832	92.04%	0.7524	81.04%	0.7990	0.8363	0.8240
37	0.2261	90.18%	0.6756	78.81%	0.7969	0.7876	0.8545
38	0.1894	92.59%	0.9583	76.52%	0.7683	0.7842	0.8155
39	0.2112	92.78%	0.7239	81.34%	0.8143	0.7940	0.8872
40	0.2283	92.41%	0.4316	85.97%	0.8417	0.8550	0.8614
41	0.1909	92.59%	0.6847	79.10%	0.8114	0.7668	0.9199
42	0.1748	93.89%	0.5903	84.63%	0.8177	0.8735	0.7995
43	0.2193	91.67%	0.6104	83.13%	0.8215	0.8435	0.8511
44	0.1303	95.56%	1.0484 Loss	76.42%	F.7388	0.7703	0.7751
45	0.1695	94.81%	0.6694	81.49%	0.8266	0.8070	0.8912
46	0.1772	93.89%	0.7097	78.21%	0.7315	0.8179	0.7005
47	0.1675	95.18%	0.5178	86.03%	0.8511	0.8523	0.8847
48	0.1135	95.74%	0.6218	84.03%	0.8317	0.8061	0.9019
49	0.1821	93.15%	0.5740	83.28%	0.8088	0.8995	0.7657
50	0.1202	95.74%	0.6039	87.61%	0.8601	0.8650	0.8851