

Epoch	Training Loss	Training Accuracy	Validation Loss	Validation Accuracy	F1 Score	Precision	Recall
1	0.69	57%	0.67	61%	0.59	0.61	0.63
2	0.66	61%	0.62	63%	0.68	0.61	0.85
3	0.63	64%	0.59	69%	0.63	0.70	0.63
4	0.60	67%	0.60	70%	0.63	0.74	0.60
5	0.57	70%	0.52	77%	0.73	0.78	0.74
6	0.54	74%	0.48	77%	0.73	0.78	0.74
7	0.50	76%	0.50	76%	0.69	0.80	0.66
8	0.46	78%	0.72	67%	0.49	0.69	0.41
9	0.44	80%	0.44	80%	0.77	0.82	0.78
10	0.41	81%	0.42	81%	0.77	0.80	0.79
11	0.39	82%	0.40	82%	0.79	0.82	0.81
12	0.37	84%	0.44	80%	0.75	0.83	0.74
13	0.36	84%	0.52	76%	0.66	0.81	0.59
14	0.36	84%	0.44	80%	0.73	0.84	0.68
15	0.34	86%	0.44	78%	0.71	0.83	0.65
16	0.33	85%	0.42	80%	0.72	0.83	0.68
17	0.33	86%	0.40	80%	0.74	0.83	0.71
18	0.31	87%	0.35	84%	0.81	0.80	0.86
19	0.29	88%	0.35	83%	0.78	0.84	0.77
20	0.30	87%	0.33	84%	0.79	0.86	0.77
21	0.27	89%	0.46	80%	0.72	0.84	0.68
22	0.28	88%	0.28	88%	0.85	0.87	0.87
23	0.25	89%	0.29	86%	0.84	0.84	0.88
24	0.25	89%	0.45	82%	0.74	0.86	0.70
25	0.25	90%	0.48	80%	0.71	0.83	0.67
26	0.24	90%	0.34	85%	0.80	0.85	0.78
27	0.23	90%	0.27	88%	0.85	0.87	0.86
28	0.21	91%	0.39	85%	0.81	0.89	0.77
29	0.21	91%	0.31	88%	0.83	0.88	0.83
30	0.21	91%	0.31	87%	0.83	0.89	0.81
31	0.20	92%	0.30	87%	0.84	0.88	0.82
32	0.20	92%	0.24	89%	0.85	0.88	0.86
33	0.19	92%	0.27	89%	0.85	0.88	0.85
34	0.19	93%	0.39	83%	0.78	0.88	0.74
35	0.18	93%	0.32	87%	0.82	0.88	0.79
36	0.19	92%	0.26	88%	0.84	0.89	0.83
37	0.17	93%	0.28	87%	0.83	0.89	0.81
38	0.18	93%	0.24	90%	0.86	0.91	0.85
39	0.15	94%	0.25	90%	0.85	0.90	0.84
40	0.17	94%	0.44	86%	0.81	0.89	0.77
41	0.16	93%	0.28	89%	0.85	0.90	0.84
42	0.15	94%	0.30	88%	0.85	0.90	0.83
43	0.16	94%	0.39	87%	0.83	0.89	0.81
44	0.16	94%	0.28	90%	0.86	0.90	0.85
45	0.14	95%	0.46	86%	0.82	0.86	0.82
46	0.14	95%	0.35	88%	0.84	0.89	0.83
47	0.14	94%	0.25	90%	0.87	0.89	0.89
48	0.14	95%	0.27	90%	0.87	0.88	0.89
49	0.12	95%	0.61	85%	0.80	0.89	0.77
50	0.14	95%	0.60	82%	0.74	0.86	0.70