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Metric	Baseline	Improved	Enhancement
Accuracy	87.2%	94.7%	+7.5%
F1-Score	0.832	0.923	+0.091
Precision	0.845	0.935	+0.090
Recall	0.819	0.912	+0.093
Training Time	24.3h	18.7h	-23.0%
Memory Usage	8.2GB	6.8GB	-17.1%