

Spam Detection Report

Performance Metrics

Accuracy: 0.9855

Class-wise performance:

Class	Precision	Recall	F1-Score	Support
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Ham (0)	0.99	1.00	0.99	965
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Spam (1)	0.97	0.93	0.95	150
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Overall:

Accuracy : 0.99

Macro Avg : Precision: 0.98 | Recall: 0.96 | F1: 0.97

Weighted Avg : Precision: 0.99 | Recall: 0.99 | F1: 0.99

Confusion Matrix

Confusion Matrix (Actual vs Predicted):

	Predicted Ham (0)	Predicted Spam (1)
Actual Ham (0)	965	2
Actual Spam (1)	10	140

Note: The confusion matrix is visualized using a Seaborn heatmap in the full version.