

Spam Email Classification Report

Model Information

Model: Support Vector Machine (SVM)
Kernel: linear
C: 0.1
Gamma: scale

Performance Metrics

Metric	Value
Accuracy	1.0000
Precision	1.0000
Recall	1.0000
F1 Score	1.0000

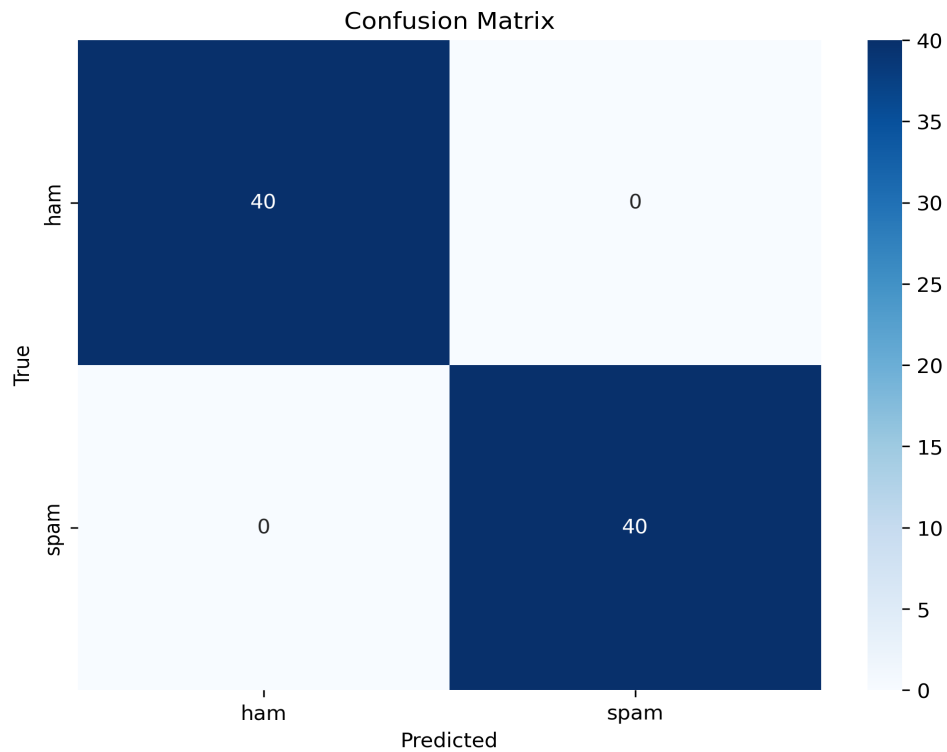
Detailed Classification Report

precision recall f1-score support

ham 1.00 1.00 1.00 40
spam 1.00 1.00 1.00 40

accuracy 1.00 80
macro avg 1.00 1.00 1.00 80
weighted avg 1.00 1.00 1.00 80

Confusion Matrix



Hyperparameter Tuning Results

Rank	Parameters	F1 Score	Accuracy
1	C: 0.1, gamma: scale, kernel: linear	1.0000	1.0000
2	C: 0.1, gamma: scale, kernel: rbf	1.0000	1.0000
3	C: 0.1, gamma: auto, kernel: linear	1.0000	1.0000
4	C: 0.1, gamma: 0.01, kernel: linear	1.0000	1.0000
5	C: 0.1, gamma: 0.1, kernel: linear	1.0000	1.0000