

Random Forest - Performance Report

Model: Random Forest

Parameters: {'bootstrap': True, 'ccp_alpha': 0.0, 'class_weight': None, 'criterion': 'gini',

Accuracy: 0.9854
Precision: 1.0000
Recall: 0.9709
F1 Score: 0.9852
ROC-AUC: 0.9854368932038835

Confusion Matrix:
[[102 0]
[3 100]]

Classification Report:

	precision	recall	f1-score	support
0	0.97	1.00	0.99	102
1	1.00	0.97	0.99	103
accuracy			0.99	205
macro avg	0.99	0.99	0.99	205
weighted avg	0.99	0.99	0.99	205

Feature Importance:
[0.07790832 0.02873106 0.13507197 0.07117088 0.0748222 0.0084436
0.01855691 0.12216865 0.05759449 0.12190472 0.04578201 0.12732705
0.11051815]