Model Report: MLP

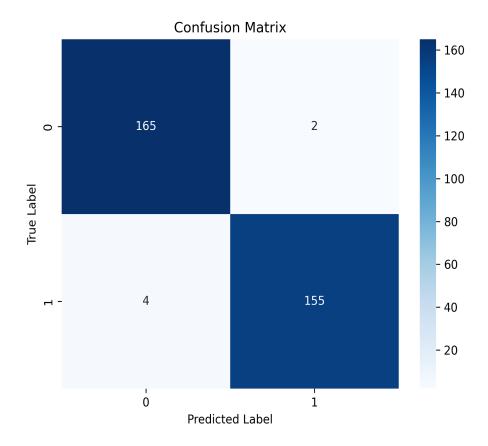
Experiment: knl

Problem Type: Classification Generated: 2025-05-06 19:05:52

Model Performance

Metric	Value
Accuracy	0.9816
Precision	0.9817
Recall	0.9816
F1	0.9816

Confusion Matrix



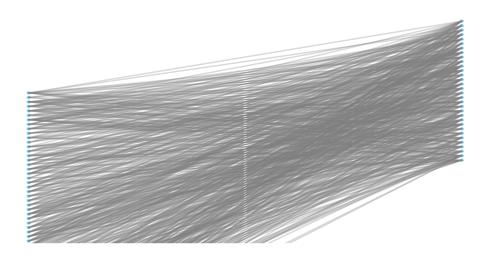
Classification Report

	precision	recall	f1-score	support
0	0.98	0.99	0.98	167 159
accuracy			0.98	326
macro avg	0.98	0.98	0.98	326
weighted avg	0.98	0.98	0.98	326

Neural Network Architecture

Network Topology

Input Layer 64 neurons MLP Architecture Output Layer 32 neurons



Model Parameters

Parameter	Value
layers	[64, 32]
activation	relu
dropout	0.2
learning_rate	0.001
epochs	100

batch_size	32
early_stopping	True
patience	10

Training History

