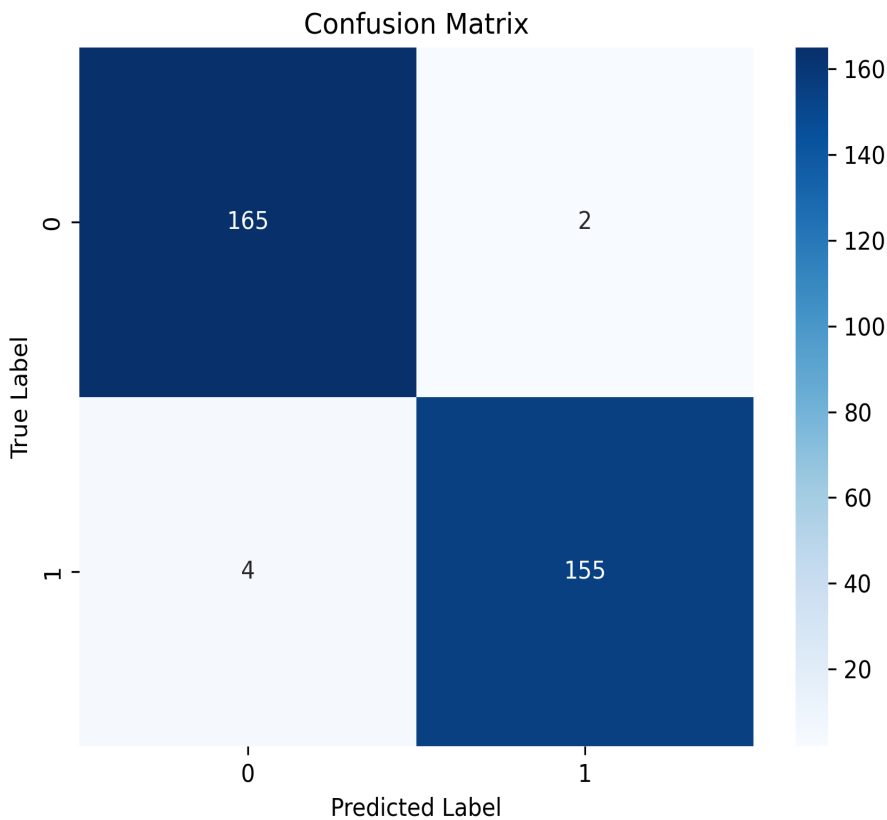# Model Report: MLP

Experiment: ju
Problem Type: Classification
Generated: 2025-05-06 18:53:32

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
         1       0.99      0.97      0.98       159

  accuracy                           0.98       326
 macro avg       0.98      0.98      0.98       326
weighted avg     0.98      0.98      0.98       326
```
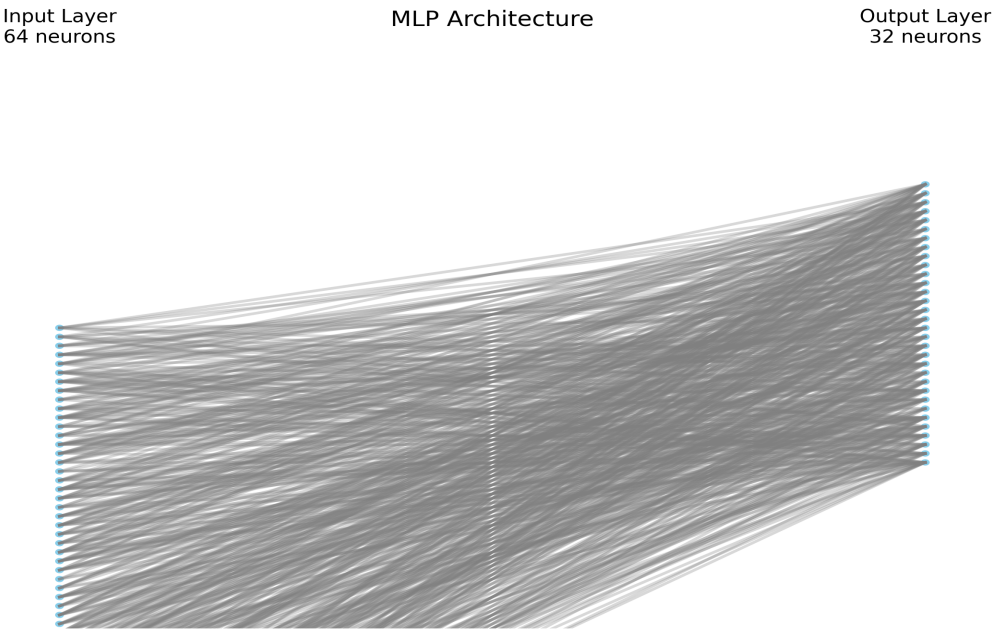
Neural Network Architecture

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