

saved_models\rnn_normalized_absolute_w1000ms.pth Training Report

Total Training Time: 98.09 seconds
Average Time per Epoch: 3.92 seconds
Inference Time on Test Set: 0.06 seconds

Test Loss: 0.0985
Test Accuracy: 98.66%

Model Size: 0.23 MB

Configuration and Hyperparameters

Data Directory: data\2024-11-24T10_13_28_d300sec_w1000ms
Training Data File: data\2024-11-24T10_13_28_d300sec_w1000ms\training.csv
Testing Data File: data\2024-11-24T10_13_28_d300sec_w1000ms\testing.csv
Model Save Path: saved_models\rnn_normalized_absolute_w1000ms.pth
PDF Report Path: run_reports\rnn_normalized_absolute_w1000ms.pdf

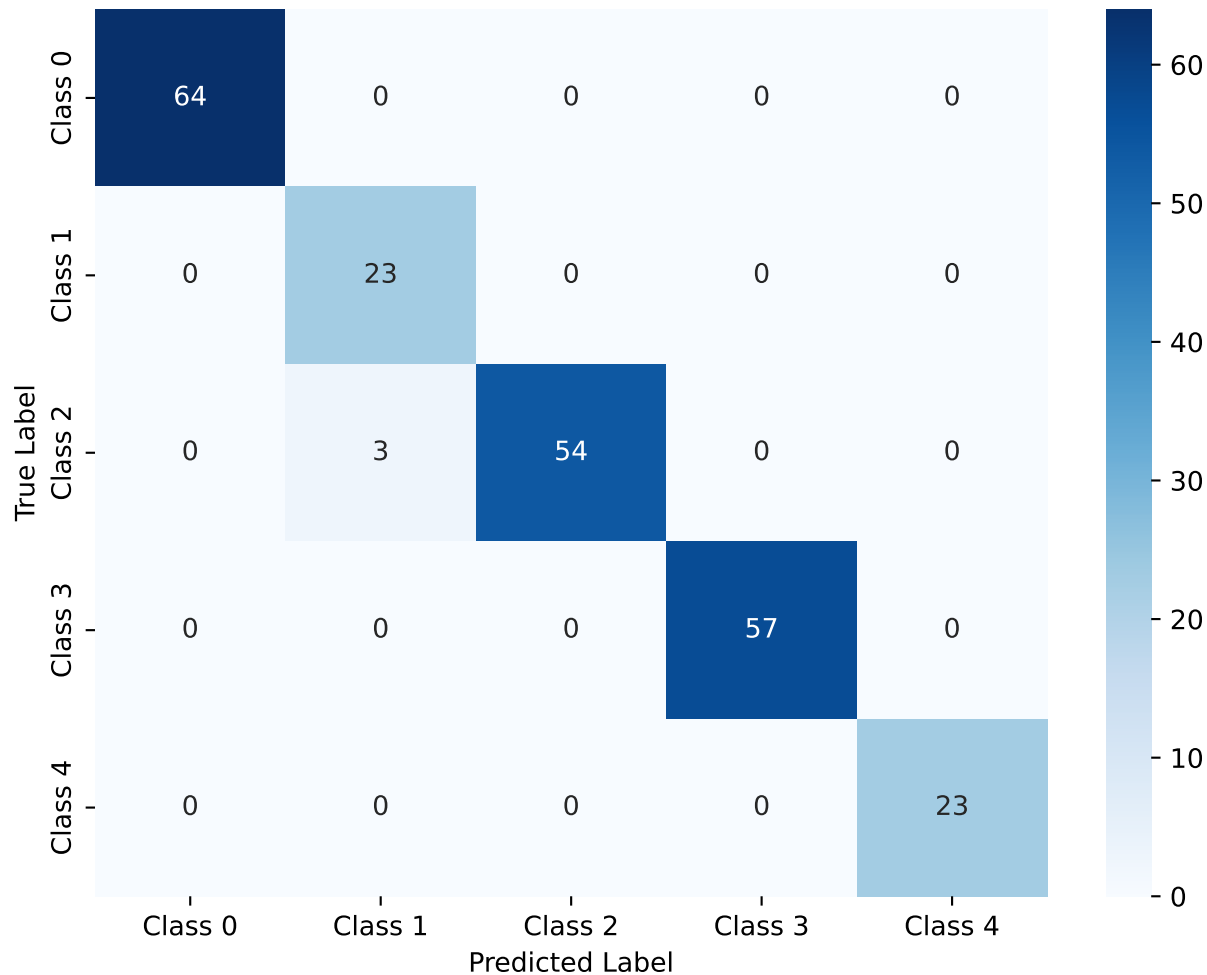
Hyperparameters:

num_features: 72
window_size: 60
num_classes: 5
batch_size: 32
num_epochs: 25
learning_rate: 0.001
validation_split: 0.2
hidden_size: 128
num_layers: 2

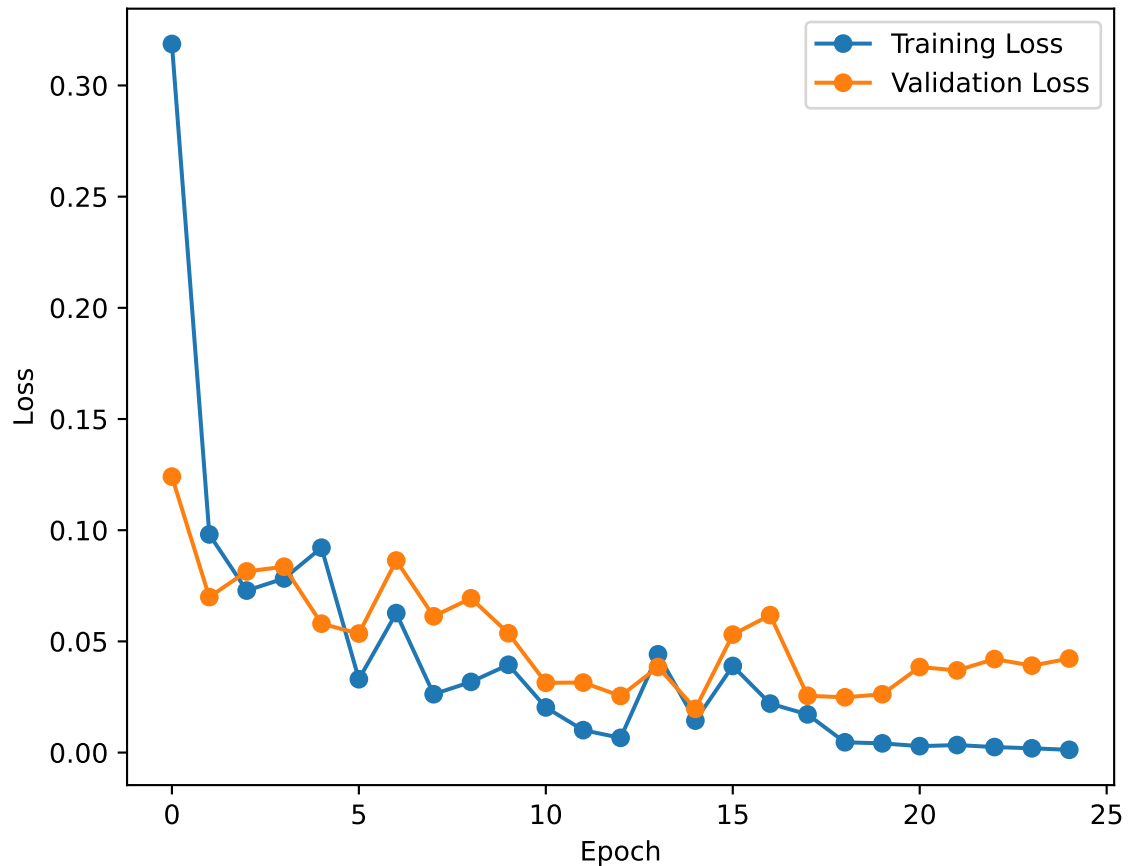
Classification Report

	precision	recall	f1-score	support
Class 0	1.00	1.00	1.00	64
Class 1	0.88	1.00	0.94	23
Class 2	1.00	0.95	0.97	57
Class 3	1.00	1.00	1.00	57
Class 4	1.00	1.00	1.00	23
accuracy			0.99	224
macro avg	0.98	0.99	0.98	224
weighted avg	0.99	0.99	0.99	224

Confusion Matrix



Loss Curve



Accuracy Curve

