

saved_models\rnn_normalized_after_relative_w1000ms.pth Training Report

Total Training Time: 122.00 seconds
Average Time per Epoch: 3.05 seconds
Inference Time on Test Set: 0.07 seconds

Test Loss: 0.8518
Test Accuracy: 69.20%

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_after_relative_w1000ms.pth
PDF Report Path: run_reports\rnn_normalized_after_relative_w1000ms.pdf

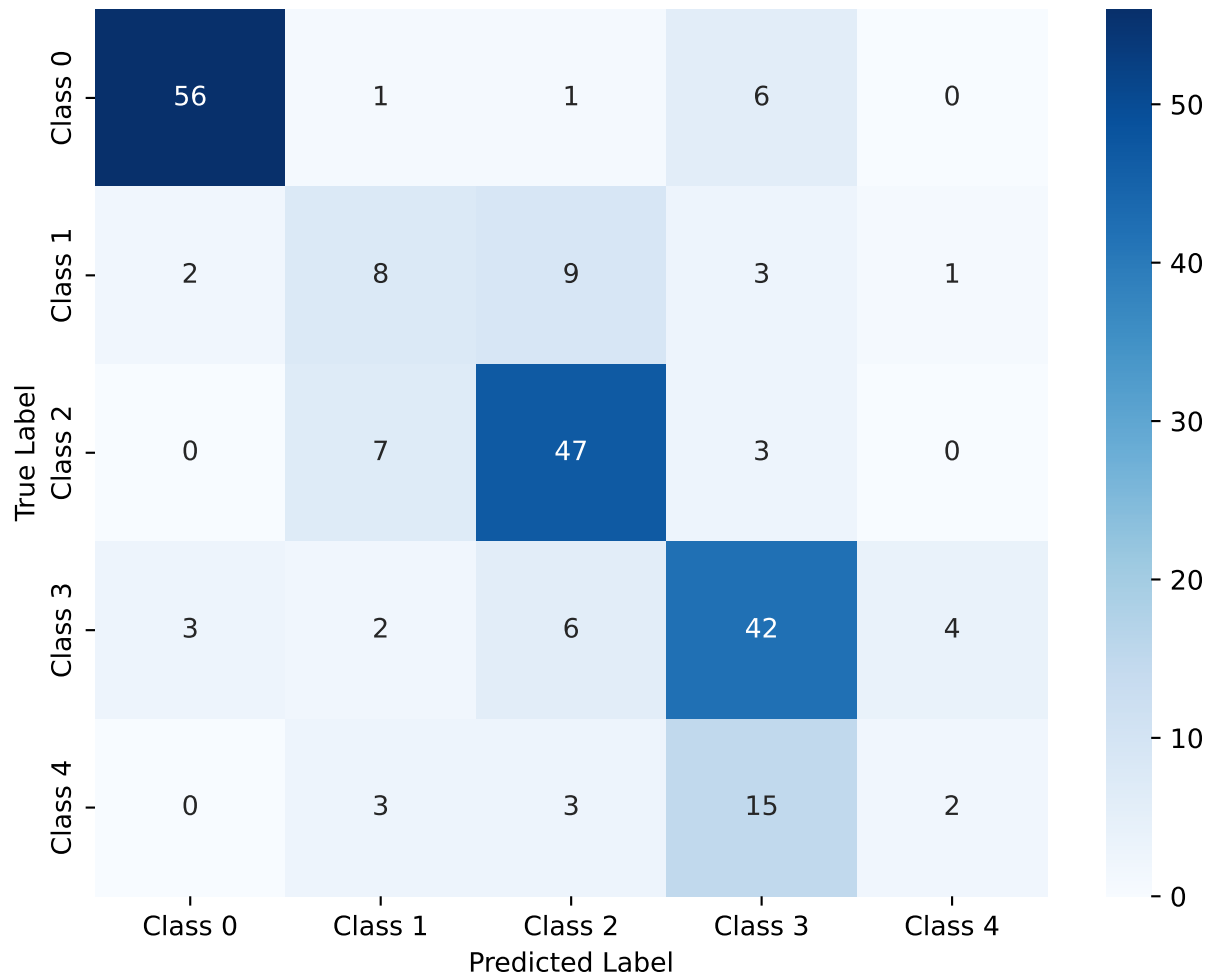
Hyperparameters:

num_features: 72
window_size: 60
num_classes: 5
batch_size: 32
num_epochs: 40
learning_rate: 0.001
validation_split: 0.2
hidden_size: 128
num_layers: 2

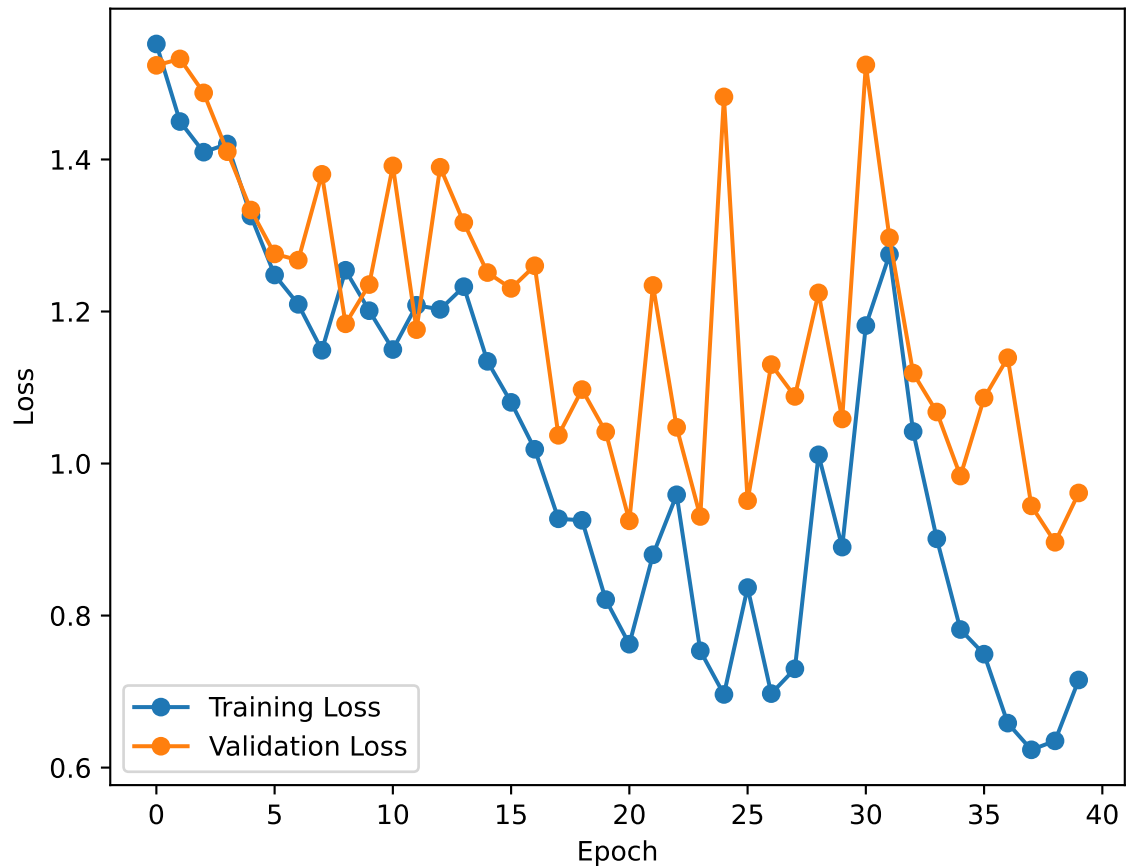
Classification Report

	precision	recall	f1-score	support
Class 0	0.92	0.88	0.90	64
Class 1	0.38	0.35	0.36	23
Class 2	0.71	0.82	0.76	57
Class 3	0.61	0.74	0.67	57
Class 4	0.29	0.09	0.13	23
accuracy			0.69	224
macro avg	0.58	0.57	0.56	224
weighted avg	0.67	0.69	0.67	224

Confusion Matrix



Loss Curve



Accuracy Curve

