Model 1:

Step	Training Loss
50	0.700800
100	0.687000
150	0.644700
200	0.623200
250	0.562300
300	0.532200
350	0.447000
400	0.479200
450	0.444100
500	0.377000

```
Step 50 | Epoch 0.46 | Loss: 0.7008
Step 100 | Epoch 0.93 | Loss: 0.6870
Step 150 | Epoch 1.39 | Loss: 0.6447
Step 200 | Epoch 1.85 | Loss: 0.6232
Step 250 | Epoch 2.31 | Loss: 0.5623
Step 300 | Epoch 2.78 | Loss: 0.5322
Step 350 | Epoch 3.24 | Loss: 0.4470
Step 400 | Epoch 3.70 | Loss: 0.4792
Step 450 | Epoch 4.17 | Loss: 0.4441
Step 500 | Epoch 4.63 | Loss: 0.3770

Epoch-wise Training Summary:
  Epoch 0 | Avg Loss: 0.7008
  Epoch 1 | Avg Loss: 0.6659
  Epoch 2 | Avg Loss: 0.5927
  Epoch 3 | Avg Loss: 0.4896
  Epoch 4 | Avg Loss: 0.4617
  Epoch 5 | Avg Loss: 0.3770
```

{'eval_accuracy': 0.8888888888888888, 'eval_precision': 0.9158163265306123, 'eval_recall': 0.8507109004739336, 'eval_f1': 0.8820638820638821, 'eval_loss': 0.30355650186538696, 'eval_runtime': 4.1391, 'eval_samples_per_second': 208.739, 'eval_steps_per_second': 52.185, 'epoch': 5.0}

Evaluating on validation data...
{'eval_accuracy': 0.71875, 'eval_precision': 0.8604651162790697, 'eval_recall': 0.6379310344827587, 'eval_f1': 0.7326732673267328, 'eval_loss': 0.7617327570915222, 'eval_runtime': 0.4733, 'eval_samples_per_second': 202.827, 'eval_steps_per_second': 50.707, 'epoch': 5.0}

Final Validation Summary:
Accuracy: 0.7188
F1 Score: 0.7327
Precision: 0.8605
Recall: 0.6379