Gated Recurrent Unit (GRU) model MSE: 1772.9506, R²: 0.0106 CPU Predictions (RMSE: 0.2231, R2: 0.1860) 0.4 0.6 0.8 1.0 1.2 Real CPU Usage Memory Predictions (RMSE: 0.0302, R2: -0.3434) Prediction vs Real Memory Memory reference line 0.750 0.775 0.800 0.825 0.850 0.875 0.900 Real Memory Usage Throughput Predictions (MSE: 3070.8404, R²: 0.1891) Prediction vs Real Throughput Throughput reference line

12500

15000

17500

10000

Real Throughput Usage

1.25

1.00

0.75

0.50

0.25

0.00

Predicted Memory Usage 0.00 0.00 0.75

15000

10000

5000

Predicted Throughput

0.0

Predicted CPU Usage

Prediction vs Real CPU

0.2

CPU reference line

0.725

2500

5000

7500