Gated Recurrent Unit (GRU) model MSE: 1314.0786, R²: 0.3786 CPU Predictions (RMSE: 0.1533, R2: 0.0386) 0.2 0.6 0.4 0.8 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0167, R2: 0.8239) Prediction vs Real Memory 0.86 0.90 0.88 0.92 0.94 0.96 0.98 Real Memory Usage Throughput Predictions (MSE: 2276.0509, R2: 0.2733) Prediction vs Real Throughput 6000 4000 8000 10000 12000

Real Throughput Usage

Predicted CPU Usage 0.0 8.0 9.0 8.0 0.0

10000

5000

0

Predicted Throughput

0.0

Prediction vs Real CPU CPU reference line

Memory reference line

Throughput reference line

2000

0.84