Gated Recurrent Unit (GRU) model MSE: 1489.4084, R²: -0.0867 CPU Predictions (RMSE: 0.2714, R2: -0.1558) 8.0 0.2 0.4 0.6 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0234, R2: -0.3137) Prediction vs Real Memory Memory reference line 0.86 0.88 0.90 0.92 0.94 Real Memory Usage Throughput Predictions (MSE: 2579.7310, R²: 0.2093) Prediction vs Real Throughput Throughput reference line 4000 6000 8000 10000 12000

Real Throughput Usage

1.00 hedicted CPU Usage 0.75 0.50 0.00

Predicted Memory Usage 0.950 0.900 0.875 0.850

0.0

0.84

2000

Prediction vs Real CPU CPU reference line