Multilayer Perceptron (MLP) model MSE: 614.7286, R²: 0.4714 CPU Predictions (RMSE: 0.0664, R2: 0.1982) Prediction vs Real CPU - CPU reference line 0.05 0.20 0.10 0.15 Real CPU Usage Memory Predictions (RMSE: 0.0268, R2: 0.4934) 0.86 0.88 0.90 0.92 0.94 0.96 Real Memory Usage Throughput Predictions (MSE: 1064.7412, R2: 0.7225) Prediction vs Real Throughput

5000

6000

4000

Real Throughput Usage

7000

8000

Predicted CPU Usage

Predicted Memory Usage

.0 .0
.0 .0
.0
.0 .0
.0
.0
.0

Predicted Throughput
0000
0000
0000

0

Prediction vs Real Memory Memory reference line

Throughput reference line

1000

2000

3000

0.84

0.2