Linear Regression (LR) model MSE: 2223.9223, R<sup>2</sup>: -0.4158 CPU Predictions (RMSE: 0.2532, R2: -0.6821) 0.2 0.4 0.6 8.0 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0358, R2: 0.2159) 0.86 0.88 0.90 0.92 0.94 0.96 Real Memory Usage Throughput Predictions (MSE: 3851.9464, R2: -0.7811) Prediction vs Real Throughput Throughput reference line

8000

10000

12000

Predicted CPU Usage

Predicted Memory Usage

0.5

0.0

-0.5

0.95

0.90

0.85

0.80

15000

10000

5000

-5000

-10000

0

Predicted Throughput

0.0

Prediction vs Real CPU CPU reference line

Prediction vs Real Memory Memory reference line

2000

4000

6000

Real Throughput Usage

0.84