## eXtreme Gradient Boosting (XGBoost) model MSE: 2224.7851, R<sup>2</sup>: 0.4411 CPU Predictions (RMSE: 0.2744, R2: 0.1511) Prediction vs Real CPU CPU reference line 0.4 0.6 8.0 1.2 0.2 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0287, R2: 0.8363) Prediction vs Real Memory Memory reference line 0.80 0.85 0.75 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 3853.4408, R2: 0.3359) Prediction vs Real Throughput Throughput reference line 7500 10000 15000 17500 20000 2500 5000 12500 Real Throughput Usage

1.25

1.00

0.75

0.50

0.25

Predicted Memory Usage 0.00 0.00 0.00 0.75

Predicted Throughput

15000

10000

5000

0

0.0

Predicted CPU Usage