## eXtreme Gradient Boosting (XGBoost) model MSE: 2892.0967, R<sup>2</sup>: 0.1470 CPU Predictions (RMSE: 0.2575, R2: -0.1822) Prediction vs Real CPU - CPU reference line 0.8 1.2 0.2 0.4 0.6 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0314, R<sup>2</sup>: 0.8046) Prediction vs Real Memory Memory reference line 0.85 0.80 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 5009.2584, R2: -0.1814) Prediction vs Real Throughput Throughput reference line 04

7500

10000

Real Throughput Usage

12500

15000

17500

Predicted CPU Usage 0.75 0.50 0.50 0.00

0.00

0.90

0.85

0.80

15000

10000

5000

Predicted Memory Usage

Predicted Throughput

0.0

0.75

2500

5000