## eXtreme Gradient Boosting (XGBoost) model MSE: 1153.3956, R<sup>2</sup>: 0.6128 CPU Predictions (RMSE: 0.1425, R2: 0.4437) Prediction vs Real CPU CPU reference line 0.2 0.4 8.0 0.6 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0145, R<sup>2</sup>: 0.8469) Prediction vs Real Memory Memory reference line 0.88 0.90 0.92 0.94 0.96 Real Memory Usage Throughput Predictions (MSE: 1997.7398, R2: 0.5478) Prediction vs Real Throughput Throughput reference line

8000

10000

12000

6000

Real Throughput Usage

Predicted CPU Usage

Bredicted Memory Usage 0.950 0.900 0.850 0.850

0

0.0

0.86

2000

4000