eXtreme Gradient Boosting (XGBoost) model MSE: 2459.8863, R²: 0.3429 CPU Predictions (RMSE: 0.2310, R2: 0.0208) Prediction vs Real CPU CPU reference line 0.8 0.2 0.4 0.6 1.0 1.2 Real CPU Usage Memory Predictions (RMSE: 0.0266, R²: 0.8491) Prediction vs Real Memory Memory reference line 0.80 0.85 0.75 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 4260.6480, R²: 0.1587) Prediction vs Real Throughput Throughput reference line 5000 7500 10000 20000 2500 12500 15000 17500 Real Throughput Usage

1.25

Predicted CPU Usage 1.00 0.75 0.50 0.50 0.00

0

0.0