eXtreme Gradient Boosting (XGBoost) model MSE: 2354.3013, R²: 0.4293 CPU Predictions (RMSE: 0.2744, R2: 0.1729) Prediction vs Real CPU CPU reference line 0.4 0.2 0.6 8.0 1.0 1.2 Real CPU Usage Memory Predictions (RMSE: 0.0287, R2: 0.8447) Prediction vs Real Memory Memory reference line 0.80 0.85 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 4077.7695, R²: 0.2704) Prediction vs Real Throughput Throughput reference line

15000

20000

10000

Real Throughput Usage

1.25

Predicted CPU Usage 1.00 0.75 0.50 0.50 0.00

20000

15000

10000

5000

Predicted Throughput

0.0

0.75

5000