Linear Regression (LR) model MSE: 2305.3074, R²: 0.5599 CPU Predictions (RMSE: 0.1936, R2: 0.4347) Prediction vs Real CPU CPU reference line 0.4 0.6 8.0 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0231, R²: 0.8311) 0.80 0.85 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 3992.9096, R2: 0.4138) Prediction vs Real Throughput

15000

20000

1.00

0.75

0.50

0.25

0.00

-0.25

0.90

0.85

0.80

20000

15000

10000

5000

-5000

0

Predicted Throughput

Predicted Memory Usage

0.0

0.2

5000

10000

Real Throughput Usage

Prediction vs Real Memory Memory reference line

Throughput reference line

0.75

Predicted CPU Usage