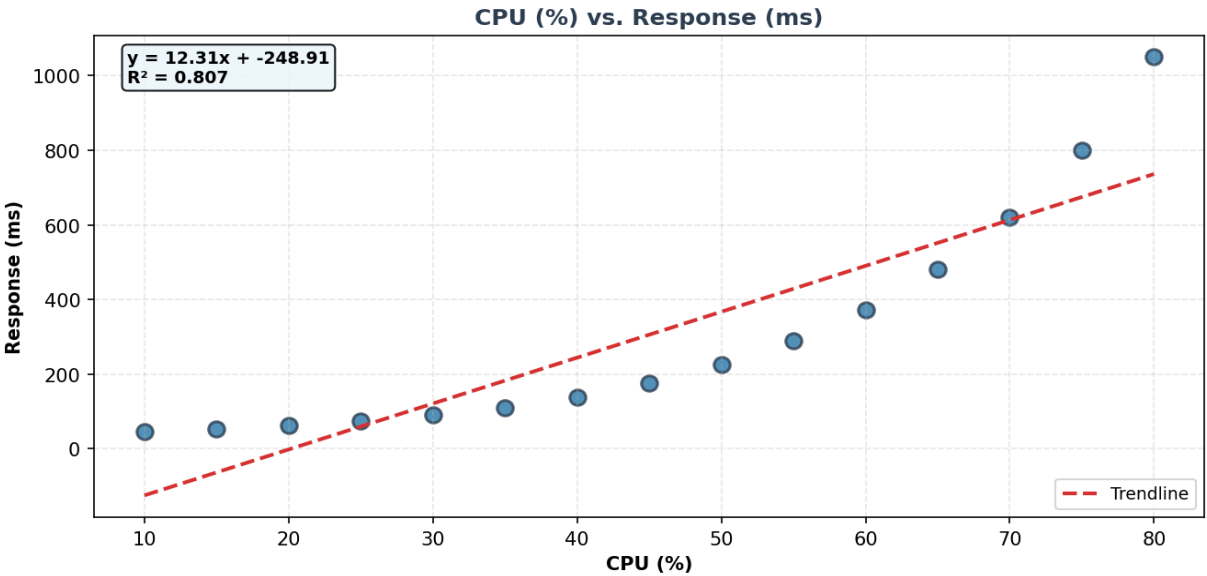


CORRELATION: IT SYSTEMS

CPU Utilization (%) vs. Response Time (ms)

r	R²	Strength	Direction	n
0.898	80.7%	Strong	Positive	15



DATA	
CPU (%)	Response (ms)
10	45
15	52
20	61
25	73
30	89
35	110
40	138
45	175
50	224
55	289

INTERPRETATION

- Strong positive correlation: Higher CPU → longer response time.
- Above 50% CPU, response time increases exponentially.
- Recommendation: Keep CPU below 60% for SLA (<500ms).

■ Example data for demonstration only.