

Stage	What It Provides	Manufacturing Example	Value to Organization
Raw data	What happened	Machine temperature reached 82°C at 2:15 PM	Low - Records events
Observations + context	Why it happened	A temperature spike occurred after maintenance when calibration wasn't reset properly	Medium - Explains patterns
Operational insight	What to do next	Implement a post-maintenance checklist with a verification step	High - Drives improvements
AI augmentation	What to do automatically	A system that detects abnormal patterns after maintenance and alerts technicians	Transformation - Prevents issues