

Copilot Enabled Plant Maintenance with Predictive Workbench

Enhance maintenance efficiency and maximize operational effectiveness with our predictive AI solution, featuring a maintenance workbench, sensor data analysis, failure alerts, business analytics, and playbooks to provide real-time insights and role-specific guidance, empowering technicians and managers to transform equipment management



Business Opportunity

Unscheduled equipment downtimes causing costly interruptions.

- Difficulty in predicting equipment failures, leading to reactive maintenance.
- Lack of real-time insights hampers quick, informed decision-making.



Value



Minimized unexpected downtimes ensuring smooth operations.



Reduced maintenance costs by enabling proactive maintenance.



Enhanced operational efficiency with data-driven insights.



Solution Package

Easily train and deploy up to 6 ML models via an intuitive interface, with real-time accuracy metrics for model performance monitoring.

**Predictive
Maintenance
Workbench**

Visualize sensor data in real-time with intuitive dashboards for immediate insights into equipment performance.

**Sensor
Analytics**

**Proactive
Failure
Alerts**

Gain actionable insights from failure alerts, enabling quick decision-making and targeted maintenance actions to prevent downtime.

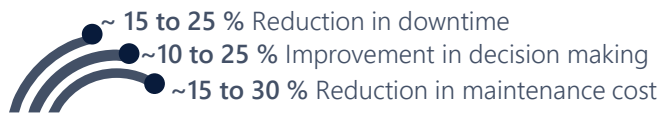
**Business
Analytics and
Playbook**

Access pre-configured analytics for quick insights and retrieve key information from manuals and guides via Copilot powered Playbook



Beneficial Persona

Return on Investment



Technology Used



ADLS Gen 2



Power BI



Azure ML Studio



Solution Snapshots

