



WILL AI REPLACE ME?

Industrial Maintenance manager

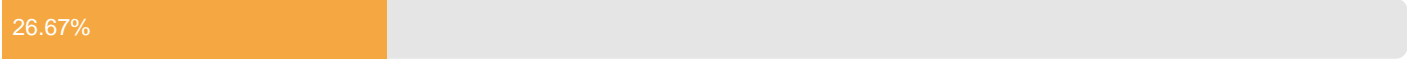
Manufacturing

Manufacturing Maintenance Managers are involved in planning tasks that could benefit from AI assistance, but their primary focus remains on human responsibilities like team management and training. Additionally, ensuring the proper functioning of equipment often requires practical expertise and quick decision-making in unforeseen situations.

Therefore, this profession is still relatively sheltered from AI advancements.

Automation degree: 26.67%

Moderate but identified automation impact of AI on this Job



Main tasks

This section reviews the 3 main tasks associated with the job studied and assesses the potential level of automation induced by AI (« **AI Automation Impact** »). The modeling uses 8 criteria detailed on the « **Methodology** » page.

Tasks	AI Automation Impact
Plan and supervise preventive and corrective maintenance operations	Significant
Ensure the proper functioning of manufacturing equipment.	Moderate
Manage and train the maintenance team.	Low

Impact on skills

At-risk Skills ↓

Computerized Maintenance Management System (CMMS), IT Data Management	If CMMS tools become more intuitive or are replaced by automated systems, specific CMMS skills may become less relevant.
Specific Knowledge (corrosion, welding, etc.)	Some manual processes could be automated or evolve with new technologies.

Future-proof Skills ↑

Multidisciplinary Skills (mechanics, electricity, etc.)	In a comprehensive project management perspective, a fundamental understanding of mechanical and electrical systems remains essential.
Regulatory Knowledge (work, safety, environment)	The constant evolution of regulations and their legal and financial impacts requires the industrial maintenance manager to be aware of this essential aspect of their role.

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