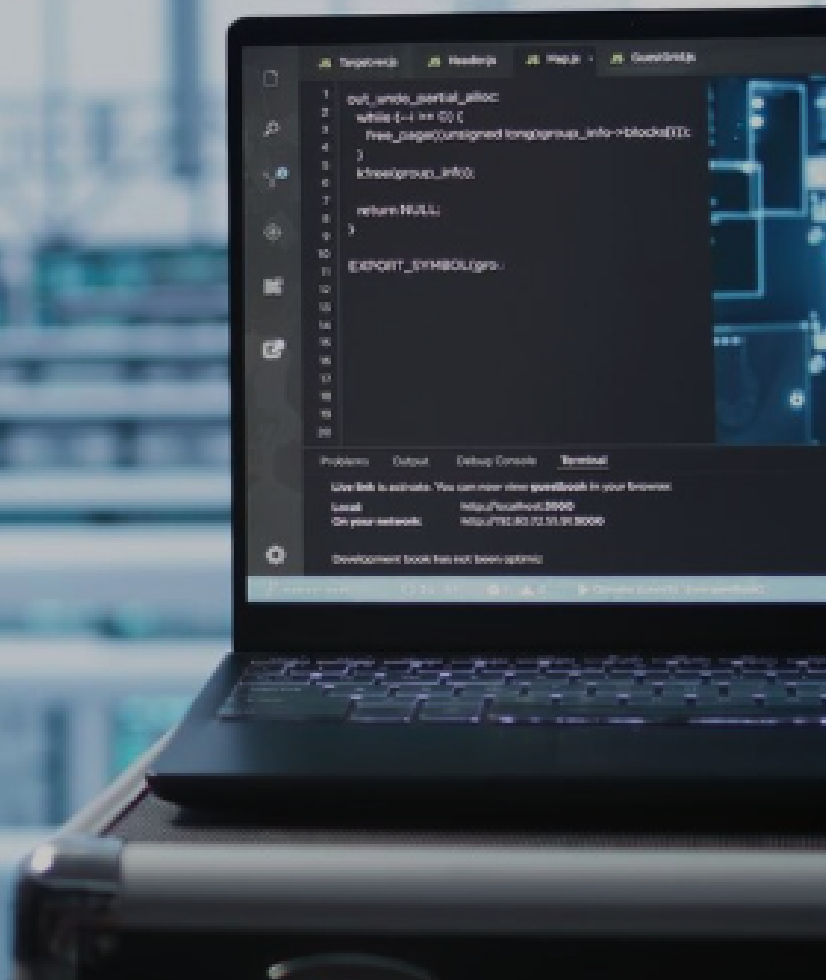


aractech

Global Learning for Operational Leaders



LEADERSHIP AND MANAGEMENT | LM-001

Artificial Intelligence (AI) for Operational Excellence & Process Optimisation

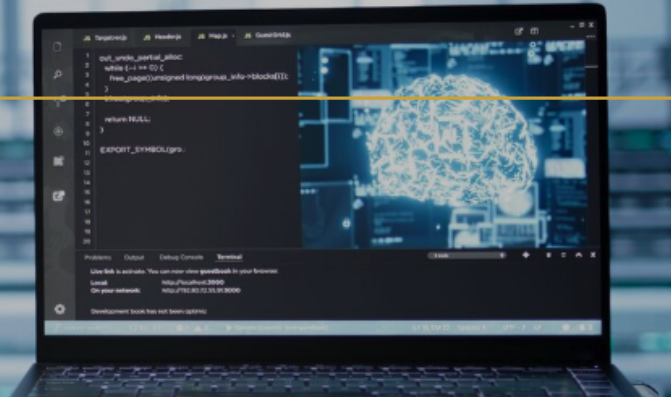
Contact

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Waarderweg 50, 2031PB Haarlem - Netherlands.

Course content



Why Attend

This Artificial Intelligence (AI) for Operational Excellence & Process Optimisation training course equips professionals with the skills to harness artificial intelligence to drive efficiency, quality, and sustainable operational performance. In today's data-driven business landscape, AI has become a strategic enabler, helping organizations reduce risks, accelerate improvement initiatives, and make smarter decisions. This course provides a practical, business-focused approach for leaders to integrate AI into operational frameworks without requiring deep technical expertise.

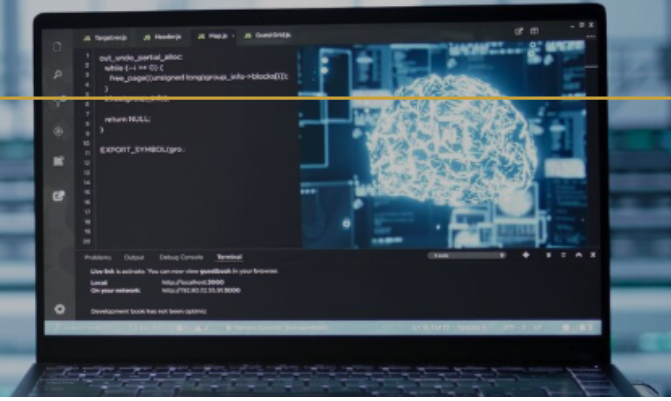
Participants will learn how AI enhances traditional optimisation methodologies, such as Lean, Six Sigma, and business process re-engineering.

Course Methodology

Course Objectives

Target Audience

Course outline



Detailed course outline

Day-by-day outline for Artificial Intelligence (AI) for Operational Excellence & Process Optimisation.

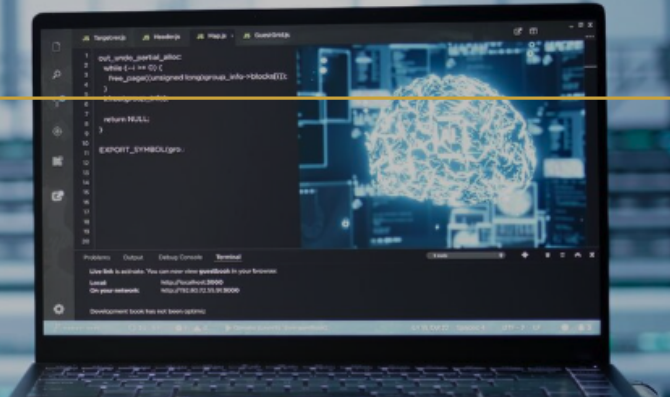
Day 1 - Foundations of AI and Operational Excellence

- Overview of Operational Excellence and Process Optimisation
- Key challenges in traditional process improvement approaches
- Introduction to Artificial Intelligence and its business applications
- AI vs Automation vs Digital Transformation
- AI technologies relevant to operations (ML, NLP, RPA, Predictive Analytics)
- Linking AI with Lean, Six Sigma, and Business Process Management (BPM)

Day 2 - AI-Driven Process Analysis and Optimisation

- Identifying and prioritising processes for AI implementation
- Process mapping and value stream analysis in an AI context
- Introduction to process mining and intelligent process discovery
- Using AI to detect bottlenecks, inefficiencies, and root causes
- AI-based performance measurement and KPI optimisation
- Data requirements and quality considerations for AI-enabled processes

Course outline



Detailed course outline

Day-by-day outline for Artificial Intelligence (AI) for Operational Excellence & Process Optimisation.

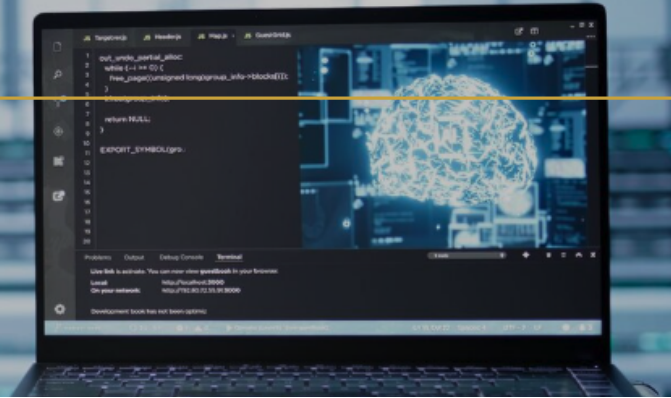
Day 3 - Intelligent Automation and Workflow Optimisation

- From rule-based automation to intelligent automation
- Robotic Process Automation (RPA) enhanced with AI
- Automating complex and judgment-based processes using AI
- AI for demand forecasting, scheduling, and capacity planning
- Optimising workflows across departments and functions
- Reducing operational costs and cycle times using AI

Day 4 - Predictive, Prescriptive, and Real-Time Operations

- Predictive analytics for operational decision-making
- AI-enabled forecasting and scenario analysis
- Prescriptive analytics for process and resource optimisation
- Real-time monitoring and AI-driven operational dashboards
- AI for quality improvement, defect reduction, and reliability
- Managing change and workforce adoption of AI-enabled operations

Course outline



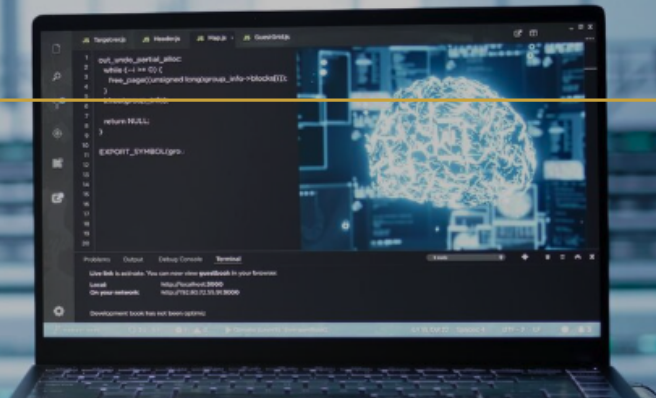
Detailed course outline

Day-by-day outline for Artificial Intelligence (AI) for Operational Excellence & Process Optimisation.

Day 5 - Implementing AI for Sustainable Operational Excellence

- Designing an AI-enabled operational excellence framework
- Building the business case for AI in operations
- AI implementation roadmap: strategy, pilots, and scaling
- Selecting AI tools and vendors for operational optimisation
- Measuring ROI and long-term performance impact
- Governance, risk management, and AI compliance considerations

Seminar dates



Available seminar dates

Live dates and pricing for Artificial Intelligence (AI) for Operational Excellence & Process Optimisation generated from the course details page.

Date	Location	Format	Fee
11 - 15 May 2026	Kuala Lumpur	Classroom	€1,575
8 - 12 June 2026	Rome	Classroom	€2,975
6 - 10 July 2026	Munich	Classroom	€2,415
10 - 14 August 2026	Amsterdam	Classroom	€2,975
14 - 18 September 2026	London	Classroom	€2,940
5 - 9 October 2026	Istanbul	Classroom	€1,995
16 - 20 November 2026	Vienna	Classroom	€2,975

Live online option

Online delivery is available at €1,250.