



Consulting and Training | Reach New Heights

Course Name

Robotics, Artificial Intelligence and Workplace of the Future

Sector Name

Digital Transformation and Innovation

Document Type

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Robotics, Artificial Intelligence and Workplace of the Future

Course Introduction

Artificial Intelligence, robotics, and automation have a rapidly expanding foothold in the workplace, faster than many organizations ever expected. While organizations are increasingly using these technologies to automate existing processes, true pioneers are radically rethinking work architecture to maximize the value of both humans and machines - creating new opportunities to organize the work more effectively and to redefine the human workforce's skills and careers.

This training course is designed to help participants gain awareness and have an in-depth knowledge and expertise in autonomous systems and different approaches to artificial intelligence and its impact on the development of organizations.

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Target Audience

- ✓ Employees or professionals whose work interfaces with data analysis, seeking to learn key concepts, formulations, algorithms, and practical examples of what is possible in machine learning and artificial intelligence.
- ✓ Managers who need the vision and understanding of the many opportunities, costs, and likely performance hurdles in predictive modeling, especially as they pertain to large amounts of textual (or similar) data.

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Learning Objectives

- ✓ Gain in-depth knowledge about the application of robotics and the workplace changes it will bring.
- ✓ Identify artificial intelligence applications in the workplace
- ✓ Understand the ethical challenges presented by the use of artificial intelligence
- ✓ Develop the skills, knowledge, and practical experience required to work on cutting-edge technologies and applications such as robotics, autonomous systems, artificial intelligence, and machine learning.

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Robotics, Artificial Intelligence and Workplace of the Future

Course Outline

✓ Day 01

AI and Its Application

- ✓ AI Tasks: Problem Solving, search, knowledge and reasoning, decision making, learning, perception, and communication
- ✓ Robotics
- ✓ Natural Language Processing
- ✓ Computer Vision
- ✓ AI in Robotics
- ✓ Robotic Hardware
- ✓ Robot Perceptions
- ✓ Robotic Software Architectures
- ✓ Application Domains

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Course Outline

✓ Day 02

Introduction to the Rise of AI and Robotics

- ✓ The Future of Work with AI and Robotics
- ✓ AI and Robotics-Powered Business Advisor
- ✓ Economic Impact of AI and Robotics
- ✓ Functional areas where AI and Robotics are mostly used

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Course Outline

✓ Day 03

AI and Robotics in the Workplace

- ✓ AI in Human Resources
- ✓ Automating HR HelpDesk with AI tools
- ✓ Sales Acceleration Redefined: Automate your sales cycle with AI tools
- ✓ Cobots
- ✓ Chatbots
- ✓ Wearables and AI at work
- ✓ Gig Work

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Course Outline

✓ Day 04

Robotics, AI opportunity matrix

- ✓ Successful use cases by Porter's value chain
- ✓ Primary activities: Inbound operations, outbound marketing, sales, and service
- ✓ Supporting activities: Admin and finance, HR, research and development, procurement
- ✓ Successful use cases by technology
- ✓ NLP
- ✓ Image recognition
- ✓ Machine learning

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Course Outline

✓ Day 05

Running successful AI projects

- ✓ Project process
- ✓ Ideation & problem definition
- ✓ Exploratory data analysis
- ✓ Model development
- ✓ Implementation
- ✓ Skills and capabilities
- ✓ Organizational changes
- ✓ 10 pitfalls

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Aug. 9, 2027	Aug. 13, 2027	5 days	4250.00 \$	UAE , Dubai
Feb. 1, 2027	Feb. 5, 2027	5 days	4950.00 \$	England , London
May 23, 2027	May 27, 2027	5 days	4250.00 \$	Bahrain , Manama
Sept. 7, 2026	Sept. 11, 2026	5 days	4950.00 \$	Netherlands , Amsterdam
Dec. 21, 2026	Dec. 25, 2026	5 days	2150.00 \$	Virtual , Online

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