

Course No. 1236

AI Automation Strategy Training Course

AI AUTOMATION & INTELLIGENT WORKFLOWS
ARTIFICIAL INTELLIGENCE & APPLICATIONS

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The AI Automation Strategy Training Course is designed to help organizations develop a structured and sustainable approach to implementing artificial intelligence (AI) automation across business functions. As AI technologies continue to reshape industries, organizations require more than isolated automation initiatives—they need a comprehensive strategy that aligns AI capabilities with business objectives, operational priorities, governance requirements, and workforce transformation. This course equips professionals with the knowledge and practical frameworks needed to plan, evaluate, and execute AI automation initiatives that deliver measurable business value while managing associated risks.

Modern organizations are increasingly adopting AI-powered automation to improve operational efficiency, enhance customer experiences, strengthen decision-making, and streamline repetitive processes. However, achieving these outcomes requires careful planning, executive alignment, data readiness, technology selection, and governance. This course provides participants with a strategic understanding of AI automation, enabling them to identify high-value automation opportunities, establish implementation roadmaps, assess organizational readiness, and integrate AI into existing business processes responsibly and effectively.

Throughout this AI Automation Strategy Training Course, participants will examine the relationship between AI technologies, intelligent automation, robotic process automation (RPA), machine learning, generative AI, workflow automation, and enterprise digital transformation. The course explores practical frameworks for prioritizing automation projects, evaluating return on investment (ROI), managing organizational change, and ensuring compliance with corporate governance and regulatory expectations. Real-world business scenarios and strategic planning exercises enable participants to connect technical capabilities with organizational priorities.

The course also emphasizes the leadership and governance aspects of AI automation. Participants will learn how executives and managers can establish AI strategies that balance innovation with risk management, cybersecurity, ethics, data privacy, and operational resilience. By combining strategic planning with practical implementation methodologies, the course prepares organizations to build scalable AI automation programs that support continuous improvement, competitive advantage, and long-term organizational performance across both public and private sectors.

Objectives

- Analyze organizational processes to identify strategic opportunities for AI automation within business operations during the course.
- Develop a comprehensive AI automation strategy aligned with organizational goals, operational priorities, and digital transformation initiatives.
- Evaluate business processes using structured frameworks to determine automation feasibility, expected benefits, and implementation priorities.
- Apply AI automation planning methodologies to design scalable and sustainable automation initiatives.
- Design governance frameworks that support responsible AI adoption, regulatory compliance, risk management, and ethical decision-making.
- Improve organizational readiness by assessing people, processes, technology, data quality, and change management requirements.
- Strengthen decision-making by evaluating automation technologies, vendors, implementation models, and investment considerations.
- Implement performance measurement approaches using key performance indicators (KPIs), business value metrics, and continuous improvement practices.
- Assess AI automation risks, including operational, cybersecurity, legal, ethical, and data-related considerations throughout project planning.
- Align AI automation initiatives with enterprise strategy, innovation objectives, workforce development, and long-term organizational success.

Who Should Attend

This AI Automation Strategy Training Course is designed for executives, senior managers, department heads, digital transformation leaders, innovation managers, strategy professionals, business improvement specialists, operational excellence teams, and decision makers responsible for driving organizational transformation. It is particularly valuable for professionals seeking to integrate AI automation into strategic planning while ensuring alignment with business objectives and governance requirements.

The course is highly relevant for government entities, ministries, regulatory authorities, public sector organizations, banks, financial institutions, oil and gas companies, utilities, healthcare organizations, manufacturing enterprises, telecommunications providers, logistics companies, and multinational

corporations. It is also suitable for program managers, project managers, enterprise architects, process improvement professionals, IT managers, business analysts, data governance specialists, compliance officers, risk managers, HR transformation leaders, and operational managers responsible for organizational efficiency.

Professionals involved in digital strategy, enterprise transformation, intelligent automation, business process management, innovation programs, and technology modernization will benefit from the practical frameworks presented throughout the course. No advanced programming knowledge is required, making the course suitable for both technical and business leaders who need to collaborate effectively on enterprise AI automation initiatives.

Learning Outcomes

- By the end of this AI Automation Strategy Training Course, participants will be able to:
- Assess organizational readiness for enterprise AI automation initiatives using structured evaluation frameworks.
- Identify and prioritize business processes that offer the highest strategic value for AI-driven automation.
- Develop a practical AI automation roadmap aligned with organizational objectives and digital transformation strategies.
- Evaluate different AI automation technologies based on business requirements, scalability, governance, and operational impact.
- Design governance models that promote responsible AI implementation, compliance, transparency, and accountability.
- Analyze automation investment opportunities using business case development, cost-benefit analysis, and ROI evaluation techniques.
- Integrate AI automation into existing operational workflows while supporting organizational resilience and performance improvement.
- Manage organizational change associated with AI adoption through stakeholder engagement, communication, and workforce readiness planning.
- Monitor AI automation performance using appropriate KPIs, operational metrics, and continuous improvement methodologies.
- Recommend strategic AI automation initiatives that support innovation, operational excellence, customer value, and sustainable organizational growth.

Course Outline

DAY 01

Foundations of AI Automation Strategy

- Understanding artificial intelligence, intelligent automation, and enterprise AI
- Evolution of AI automation in modern organizations
- AI automation trends across government, banking, oil and gas, and corporate sectors
- Aligning AI automation with organizational strategy and business objectives

PRACTICAL APPLICATION

Assessing AI automation maturity within participants' organizations

DAY 02

Identifying AI Automation Opportunities

- Business process analysis and automation opportunity assessment
- Process mapping and workflow optimization methodologies
- Selecting high-value automation use cases using prioritization frameworks
- Building business cases for AI automation initiatives and investment decisions

PRACTICAL APPLICATION

Identifying automation candidates and developing prioritization matrices

DAY 03

AI Automation Planning, Governance, and Risk Management

- Developing enterprise AI automation roadmaps
- AI governance frameworks, policies, and accountability structures
- Managing cybersecurity, data privacy, regulatory compliance, and ethical AI considerations
- Risk assessment and mitigation strategies for AI automation projects

DAY 03 — CONTINUED

PRACTICAL APPLICATION

Designing governance models and risk management plans for AI automation initiatives

DAY 04

Implementing Enterprise AI Automation

- AI automation implementation methodologies and project lifecycle management
- Selecting AI platforms, automation technologies, and vendor evaluation criteria
- Organizational change management and workforce transformation strategies
- Performance measurement, KPIs, ROI evaluation, and operational excellence

PRACTICAL APPLICATION

Creating implementation roadmaps and organizational change plans

DAY 05

Scaling AI Automation for Sustainable Business Value

- Establishing enterprise AI centers of excellence and governance committees
- Integrating AI automation into digital transformation programs
- Continuous improvement and AI automation optimization strategies
- Future trends in AI automation, generative AI, intelligent decision support, and enterprise innovation

FINAL WORKSHOP

Developing a comprehensive AI Automation Strategy, executive presentation, implementation roadmap, and organizational action plan tailored to participants' business environments



Register or Request More Information

Course page: <https://quest-training.com/courses/ai-automation-strategy-training-course>

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