

Course No. 1758

AI Leadership & Digital Transformation Training Course

AI FUNDAMENTALS
ARTIFICIAL INTELLIGENCE & APPLICATIONS

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The AI Leadership & Digital Transformation Training Course is designed for executives, senior managers, and decision-makers who are responsible for leading digital transformation and leveraging Artificial Intelligence to create measurable organizational value.

The course focuses on the strategic and leadership dimensions of AI adoption, helping leaders move beyond technology implementation toward building AI-enabled organizations. Participants will explore how AI, data, automation, and digital technologies can be aligned with business strategy, operational priorities, customer experience, and long-term organizational growth.

A major focus is placed on identifying high-value AI use cases, assessing digital readiness, developing transformation strategies, managing digital initiatives, and establishing the organizational capabilities required to scale AI successfully. The course also addresses AI governance, responsible AI, risk management, data protection, and ethical considerations.

Participants will develop practical leadership capabilities for managing organizational change, building digital culture, developing future-ready talent, and leading cross-functional teams involving business, technology, data, operations, and transformation functions.

Through case studies, leadership simulations, practical exercises, and an integrated final workshop, participants will develop a practical roadmap for leading AI adoption and digital transformation within their organizations.

Objectives

- By the end of the course, participants will be able to:
- Develop a strategic leadership vision for AI and digital transformation.
- Align AI initiatives with organizational strategy and business objectives.
- Assess organizational digital maturity and AI readiness.
- Identify and prioritize high-value AI use cases.
- Develop an integrated AI and digital transformation roadmap.
- Evaluate opportunities for intelligent automation and process transformation.

- Improve strategic decision-making through data, analytics, and AI.
- Lead cross-functional teams involved in digital transformation initiatives.
- Manage organizational resistance and accelerate digital adoption.
- Build an organizational culture that supports innovation and AI adoption.
- Develop workforce capabilities required for an AI-enabled organization.
- Establish appropriate AI governance and risk management practices.
- Promote responsible, ethical, and secure use of Artificial Intelligence.
- Define performance indicators for measuring digital transformation and AI value.
- Develop sustainable leadership practices for continuous digital innovation.

Who Should Attend

This course is designed for Chief Executive Officers, C-Suite Executives, Senior Managers, Digital Transformation Directors, Chief Digital Officers, CIOs, IT Managers, AI and Data Leaders, Innovation Managers, Strategy Directors, Operations Managers, and Transformation Leaders.

It is also suitable for executives and professionals working in government and public-sector organizations, banks and financial institutions, oil and gas, energy, telecommunications, manufacturing, industrial organizations, and large corporations who are responsible for or involved in digital transformation and AI initiatives.

The course is particularly valuable for decision-makers who need to understand the strategic, organizational, and leadership implications of AI without requiring deep programming or technical engineering expertise.

Learning Outcomes

- Upon completion of the course, participants will be able to:
- Define a strategic vision for AI-driven digital transformation.
- Assess organizational readiness for AI adoption.
- Identify digital transformation priorities based on business value and organizational impact.
- Evaluate and prioritize AI use cases.

- Develop a practical AI and digital transformation roadmap.
- Connect digital initiatives with strategic objectives and performance indicators.
- Lead multidisciplinary teams across business, technology, data, and operations.
- Manage organizational change associated with AI adoption.
- Build digital culture and innovation capabilities.
- Identify future skills and workforce capabilities required for AI adoption.
- Evaluate AI, data, cybersecurity, privacy, and operational risks.
- Establish principles for AI governance and responsible AI.
- Measure the value, impact, and return on digital investments.
- Make informed leadership decisions regarding AI technologies and digital platforms.
- Develop an actionable leadership plan for scaling AI and digital transformation.

Course Outline

DAY 01

Strategic AI Leadership & Digital Transformation

- Understanding digital transformation and its impact on modern organizations.
- Artificial Intelligence as a strategic organizational capability.
- The evolving role of executives in AI-driven transformation.
- Connecting corporate strategy with digital and AI strategy.
- Key AI and emerging technology trends.
- Digital transformation operating models.
- Assessing organizational digital maturity and readiness.
- Identifying gaps in technology, data, processes, people, and capabilities.
- Defining a strategic transformation vision.
- Aligning AI initiatives with business priorities.

PRACTICAL APPLICATION

Digital maturity assessment and development of an initial AI transformation vision.

DAY 02

AI Strategy & Value Creation

- Building an enterprise AI strategy.
- Identifying high-value AI opportunities.
- AI use-case discovery and prioritization.
- Evaluating business and operational value.
- Generative AI and enterprise applications.
- Intelligent automation and process optimization.
- AI-powered decision-making and analytics.
- Redesigning business processes and services using AI.
- Prioritizing initiatives based on value, feasibility, cost, and risk.
- Developing business cases for AI investments.
- Building an integrated AI initiative portfolio.

PRACTICAL APPLICATION

Identify, evaluate, and prioritize AI use cases for an organization.

DAY 03

Leading Change & Building the Digital Organization

- Leadership of organizational and cultural transformation.
- Managing resistance to digital and AI adoption.
- Building a digital and innovation culture.
- Leading multidisciplinary transformation teams.
- Collaboration between business, IT, data, operations, and transformation functions.
- Developing digital skills and future workforce capabilities.
- Redesigning roles and responsibilities in AI-enabled organizations.
- Empowering employees to effectively use AI tools.
- Strategic communication during transformation.
- Creating an environment that supports experimentation and innovation.
- Driving employee engagement and digital adoption.

DAY 03 — CONTINUED

PRACTICAL APPLICATION

Develop a change and adoption plan for an AI transformation initiative.

DAY 04**AI Governance, Risk & Performance Management**

- Principles of enterprise AI governance.
- Responsible and ethical AI.
- AI risk management frameworks.
- Data protection, privacy, and information security considerations.
- Data quality and its role in AI success.
- Transparency and accountability in AI-supported decisions.
- Defining AI governance roles and responsibilities.
- Managing technology, platform, vendor, and third-party risks.
- Developing KPIs for AI and digital transformation.
- Measuring business value and organizational impact.
- Monitoring transformation initiatives and corrective actions.

PRACTICAL APPLICATION

Design an AI governance, risk, and performance framework.

DAY 05**Executing Digital Transformation & Building the AI Roadmap**

- Translating AI strategy into executable programs and initiatives.
- Developing an integrated AI and digital transformation roadmap.
- Defining implementation phases, priorities, resources, and responsibilities.
- Managing digital transformation portfolios and initiatives.
- Developing AI-enabled operating models.
- Managing technology partners, vendors, and strategic platforms.

DAY 05 — CONTINUED

- Scaling successful AI initiatives across the organization.
- Building sustainable AI and digital capabilities.
- Linking transformation initiatives to organizational performance and competitive advantage.
- Establishing continuous innovation and improvement mechanisms.
- Defining executive leadership priorities for the next stage of transformation.

FINAL WORKSHOP

Develop a comprehensive AI Leadership & Digital Transformation Roadmap covering strategic vision, objectives, use cases, priorities, governance, risk management, change management, performance indicators, implementation phases, and leadership actions.

Register or Request More Information

Course page: <https://quest-training.com/courses/ai-leadership-digital-transformation-training-course>

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