

Course No. 1248

AI for Executive Decision Making Training Course

**AI FOR BUSINESS FUNCTIONS
ARTIFICIAL INTELLIGENCE & APPLICATIONS**

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The AI for Executive Decision Making Training Course is designed to equip executives, senior leaders, and decision-makers with the knowledge and practical capabilities required to leverage Artificial Intelligence (AI) to make faster, smarter, and more informed executive decisions. As organizations operate in increasingly complex, data-driven, and rapidly changing business environments, executive leaders must move beyond intuition alone and embrace AI-powered insights to strengthen strategic planning, improve operational performance, manage risks, identify opportunities, and drive sustainable organizational growth. This course provides a comprehensive framework for integrating AI into executive decision-making while aligning technology investments with corporate strategy and business objectives.

Artificial Intelligence is transforming executive leadership by enabling organizations to analyze massive volumes of structured and unstructured data, forecast future trends, evaluate strategic alternatives, simulate business scenarios, and generate actionable insights in real time. Throughout the AI for Executive Decision Making Training Course, participants will explore how Machine Learning, Generative AI, Predictive Analytics, Natural Language Processing (NLP), Business Intelligence (BI), Decision Intelligence, and AI-powered dashboards can significantly improve executive decision quality across strategic, financial, operational, and organizational domains.

The course combines internationally recognized executive management frameworks with modern AI capabilities to support evidence-based leadership. Participants will learn how AI can enhance strategic planning, enterprise performance management, investment evaluation, risk management, corporate governance, resource allocation, and organizational transformation. The program also addresses AI governance, data governance, cybersecurity, regulatory compliance, ethical AI, and responsible executive oversight to ensure that AI-enabled decisions remain transparent, accountable, secure, and aligned with organizational values.

Combining executive strategy with practical implementation, this course prepares CEOs, board members, senior executives, strategy leaders, digital transformation professionals, and organizational decision-makers to successfully incorporate AI into executive leadership. Through executive workshops, strategic simulations, real-world business cases, and implementation exercises, participants will develop the capabilities to improve executive judgment, strengthen organizational agility, enhance competitive advantage, accelerate innovation, and lead enterprise transformation across government entities, ministries, financial institutions, oil and gas organizations, and large corporations.

Objectives

- Analyze strategic business environments using AI-powered executive decision support techniques during the course.
- Develop executive decision-making frameworks that integrate Artificial Intelligence into organizational leadership.
- Evaluate strategic alternatives using predictive analytics, scenario planning, and AI-driven business intelligence.
- Apply Artificial Intelligence technologies to improve executive planning, forecasting, and organizational decision-making.
- Design executive governance frameworks that support responsible AI adoption, transparency, and accountability.
- Improve organizational performance through AI-enabled strategic insights and data-driven executive leadership.
- Strengthen enterprise risk management using predictive analytics and intelligent decision support systems.
- Implement executive performance measurement frameworks using AI-powered KPIs, dashboards, and performance analytics.
- Assess organizational readiness, digital maturity, and leadership capabilities for enterprise AI adoption.
- Align AI-enabled executive decision-making with corporate strategy, digital transformation, innovation, and operational excellence.

Who Should Attend

The AI for Executive Decision Making Training Course is designed for chief executive officers (CEOs), board members, chief operating officers (COOs), chief strategy officers (CSOs), chief digital officers (CDOs), chief innovation officers (CIOs), managing directors, executive directors, vice presidents, senior executives, and organizational leaders responsible for strategic planning, enterprise performance, and executive decision-making.

The course is particularly valuable for professionals working in government entities, ministries, public sector organizations, regulatory authorities, banks, financial institutions, insurance companies, oil and gas organizations, energy companies, manufacturing enterprises, healthcare providers, telecommunications companies, logistics organizations, utilities, educational institutions,

and multinational corporations leading enterprise transformation and strategic initiatives.

It is also suitable for strategy managers, digital transformation leaders, innovation managers, corporate planning professionals, business intelligence specialists, enterprise architects, investment managers, risk managers, operational excellence professionals, performance management specialists, management consultants, and professionals responsible for supporting executive leadership with strategic analysis and organizational decision support.

Learning Outcomes

- By the end of the AI for Executive Decision Making Training Course, participants will be able to:
- Explain the strategic role of Artificial Intelligence in executive decision-making and organizational leadership.
- Analyze complex business data using AI-powered analytical and decision support tools.
- Apply Machine Learning, Predictive Analytics, Generative AI, Business Intelligence, and Decision Intelligence to executive decision-making.
- Evaluate strategic opportunities, business risks, and investment alternatives using AI-driven insights.
- Integrate AI into strategic planning, corporate governance, enterprise performance management, and executive reporting.
- Design governance frameworks that support responsible AI adoption, compliance, cybersecurity, and ethical decision-making.
- Measure executive performance using AI-enabled dashboards, KPIs, and predictive business analytics.
- Develop implementation roadmaps for enterprise AI decision support initiatives.
- Lead organizational change that promotes data-driven leadership and AI adoption.
- Strengthen long-term organizational resilience, innovation, and competitive advantage through AI-enabled executive decision-making.

Course Outline

DAY 01

Foundations of AI for Executive Leadership

- Executive decision-making in the digital economy
- Fundamentals of Artificial Intelligence and executive applications
- AI technologies supporting executive leadership
- Decision Intelligence and evidence-based leadership

PRACTICAL WORKSHOP

Assessing executive readiness for AI-enabled decision-making

DAY 02

AI-Powered Strategic Analysis and Decision Support

- Business Intelligence and executive dashboards
- Predictive analytics for strategic forecasting
- Scenario planning and AI-supported executive simulations
- Generative AI for executive reporting and strategic communication

PRACTICAL WORKSHOP

Applying AI tools to executive decision scenarios

DAY 03

Strategic Planning and Enterprise Performance

- AI-enabled strategic planning and business model innovation
- Executive performance management and KPI optimization
- Investment evaluation and resource allocation using AI
- Enterprise risk management and strategic resilience

DAY 03 — CONTINUED

PRACTICAL WORKSHOP

Designing AI-supported executive decision frameworks

DAY 04

Governance, Ethics, and Organizational Leadership

- AI governance and executive accountability
- Data governance, cybersecurity, regulatory compliance, and privacy
- Ethical AI and responsible executive oversight
- Organizational change management and AI adoption strategies

PRACTICAL WORKSHOP

Developing governance frameworks and executive performance scorecards

DAY 05

Enterprise AI Decision Strategy

- Planning enterprise AI decision support initiatives
- Scaling AI across executive and organizational functions
- Future trends in AI-powered executive leadership and intelligent enterprises
- Building a data-driven executive culture and continuous innovation

FINAL WORKSHOP

Developing a comprehensive AI for Executive Decision Making strategy, implementation roadmap, governance framework, executive KPI dashboard, risk management framework, investment business case, and organizational action plan to support sustainable growth, operational excellence, strategic leadership, and long-term enterprise success.



Register or Request More Information

Course page: <https://quest-training.com/courses/ai-for-executive-decision-making-training-course>

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