



MaiCoE
Malaysia AI
Centre of Excellence
Smart Ideas, Smarter Nation

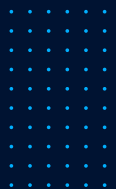


STRATEGIC AI LEADERSHIP

FROM VISION TO EXECUTION

HRD Corp Claimable Course ID: 10001652590

AI is everywhere — but few leaders know how to turn it into real competitive advantage. Is your organisation experimenting or strategically leading? Learn how to align AI with strategy, manage risk confidently, and deliver measurable business impact. Lead transformation with confidence before your competitors set the pace.



More Info

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PROGRAMME OVERVIEW

This two-day executive programme equips senior leaders with the strategic insight, frameworks, and practical tools required to lead Artificial Intelligence (AI) adoption at an organizational level. The course focuses on translating AI from vision into executable initiatives by aligning AI capabilities with business strategy, governance, ethics, and change leadership.

Participants will gain a structured understanding of AI opportunities, organizational readiness, prioritization of use cases, AI governance, risk management, and roadmap development. Through strategic frameworks, real-world case studies, guided exercises, and group discussions, leaders will learn how to make informed decisions, guide investments, and drive responsible AI adoption that delivers measurable business value.

This programme is designed for decision-makers who are not required to code or build AI systems but are responsible for strategy, governance, investment decisions, and organisational execution.

88%

Report AI use in at least one business function, only about 23 % say their organisations have begun scaling AI programs beyond pilot stages.

Source: McKinsey's 2025

79%

of CEOs believe that failing to achieve measurable results from AI could threaten their job or their company's long-term survival.

Source: Forbes 2025





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KEY TAKEAWAYS

By the end of this programme, participants will be able to:

- Understand the strategic role of AI in driving organizational performance and competitiveness.
- Assess organizational readiness for AI adoption across people, process, data, and technology dimensions.
- Identify, evaluate, and prioritize high-impact AI use cases aligned with business objectives.
- Design a practical AI strategy and roadmap that supports execution and change management.
- Apply AI governance, ethical, and risk considerations to ensure responsible and sustainable adoption.
- Lead AI initiatives effectively across teams, stakeholders, and organizational boundaries.

“ Through this programme, as BoD or member of top management (e.g., CEO), you will gain a clear understanding of how to align AI with organizational strategy and governance. You will strengthen your ability to evaluate AI investments, manage risks responsibly, and ensure ethical implementation. The course will help you move AI initiatives from vision to practical execution, while maintaining oversight and accountability. Ultimately, you will be better equipped to lead AI-driven transformation confidently and deliver measurable, sustainable value for my organisation.

Rayner Alfred

Professor of Computer Science (AI)
BoD MIMOS (2019 - 2026)
INED Paynet (2025 - Present)

WHO IS THIS PROGRAMME FOR?

This programme is designed for :

- ✓ Board Members and Non-Executive Directors
- ✓ Chief Executive Officers (CEO)
- ✓ Chief Operating Officers (COO)
- ✓ Chief Digital Officers (CDO)
- ✓ Chief Information Officers (CIO)
- ✓ Chief Technology Officers (CTO)
- ✓ Chief Data / AI Officers
- ✓ Heads of Strategy & Corporate Planning
- ✓ Digital / Business Transformation Leads



PROGRAMME CURRICULUM

MODULE 1: AI for Strategic Leadership

- AI landscape for leaders: AI, ML, GenAI—what they are (and aren't)
- AI value creation: productivity, decision quality, customer experience, risk reduction
- Competitive advantage: speed of learning, automation at scale, insight-driven execution
- AI strategy vs. AI projects: why “random pilots” fail
- Executive responsibilities: sponsorship, governance, prioritization, and capability building
- Examples of AI-led operating models in organisations (industry-neutral examples)

MODULE 2: Assessing Organizational Readiness for AI

- **People** (leadership commitment, skills, change adoption, operating culture)
- **Process** (standardization, process quality, governance maturity, risk discipline)
- **Data** (data quality, accessibility, ownership, privacy controls)
- **Technology** (infrastructure, security, integration, toolchain suitability)
- Common readiness traps: poor data, unclear ownership, weak change leadership
- How to interpret readiness results and decide next steps
- Quick-win vs foundation-first approach

MODULE 3: Identifying & Prioritizing AI Use Cases

- What makes a good AI use case (business value + feasibility + risk fit)
- AI use-case categories: decision support, prediction, automation, detection, personalization
- Value Potential (cost/time/risk/revenue)
- Feasibility (data availability, complexity, integration)
- Change Impact (process redesign, adoption resistance)
- Compliance & risk sensitivity
- Use-case “anti-patterns”: unclear owner, no data, no adoption plan

MODULE 4: Designing AI Strategy & Roadmap

- Business objectives and measurable outcomes
- Use-case portfolio and prioritization logic
- Data strategy and operating model
- Capability development: people, partners, governance
- Adoption and change strategy
- Roadmap design principles: phased rollout, quick wins + foundations
- Delivery model options: build vs buy vs partner
- Budgeting logic and resource planning



PROGRAMME CURRICULUM

MODULE 5: AI Governance, Ethics & Risk

- Why governance matters: trust, reputational risk, compliance, audit readiness
- Accountability structure
- Model risk management
- Data privacy and security controls
- Transparency and explainability expectations
- Bias and fairness considerations
- Decision rights: what leaders must approve vs delegate

MODULE 6: Leading AI Execution & Change

- Why AI adoption fails: culture, fear, unclear ownership, poor workflows
- Change leadership for AI:
- Stakeholder management across departments, vendors, regulators
- Governance cadence: steering committee rhythm, reporting, escalation
- Capstone – Strategic AI Execution Plan (what the final plan must contain and how plans will be assessed (clarity, alignment, feasibility, governance readiness))

PROGRAMME HIGHLIGHTS



In-person session

Engage directly with AI industry experts in an interactive, face-to-face learning environment designed to provide practical insights into the latest advancements in AI and their real-world applications in business.



Cutting-edge content

Learn through a practice-oriented curriculum developed by MAICOE, integrating real industry case studies and insights from HRD Corp Accredited Trainers to deliver relevant, impactful, and experience-driven learning.



Capstone project

Develop a practical AI strategy and implementation roadmap that aligns with your organisation's goals, governance requirements, and long-term strategic vision.



Certificate of completion

Distinguish yourself with a certificate from MAICOE, an HRD Corp Registered Training Provider, delivered by Accredited Trainers and recognised for industry-relevant, future-focused executive education.



ACCREDITED TRAINERS



Professor Ts. Dr. Rayner Alfred is an HRD Corp Accredited Trainer and globally recognised AI expert (World's Top 2% Scientist) specialising in applied artificial intelligence, data analytics, and intelligent decision-support systems. With extensive experience leading high-impact research, executive programmes, and international industry collaborations, he focuses on translating AI capabilities into actionable enterprise strategies.

As Lead Trainer for ***Strategic AI Leadership: From Vision to Execution***, Prof. Rayner equips senior leaders with the strategic frameworks, governance models, and execution roadmaps required to move AI from ambition to measurable business outcomes. His expertise in AI governance, risk management, and responsible innovation enables organisations to align AI initiatives with corporate strategy, regulatory requirements, and sustainable value creation.



Ts. Dr. Rayner Pailus is a Professional Technologist and experienced academic specializing in data analytics, information systems, and digital transformation. He has led numerous applied research and industry initiatives focused on harnessing AI and emerging technologies to strengthen organizational strategy, governance, and performance.

As Co-Lead Trainer for ***Strategic AI Leadership: From Vision to Execution***, Ts. Dr. Rayner Pailus brings practical expertise in translating AI strategy into structured implementation frameworks. He supports senior leaders in aligning AI initiatives with regulatory requirements, operational realities, and risk management principles. Through executive training and advisory engagements, he equips organisations with clear roadmaps to execute AI transformation responsibly, effectively, and with measurable strategic impact.



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MAICOE ADVANTAGES

- ✓ **Practical, Industry-Driven Learning:** Programmes designed with real-world case studies and applied implementation frameworks.
- ✓ **Executive-Focused Professional Development:** Specialised training for senior leaders to drive transformation and measurable outcomes.
- ✓ **HRD Corp Registered Training Provider:** Recognised for delivering claimable, high-impact workforce development programmes.
- ✓ **Accredited Trainers & Industry Experts:** Led by certified professionals with deep expertise in AI, strategic, risk, and governance.
- ✓ **Trusted Partner for Future Skills Upskilling:** Committed to empowering organisations with AI-ready talent and strategic capabilities.
- ✓ **Verified Digital Certificates:** Upon completion of the program, participants will be awarded a verified digital certificate of participation by Malaysia AI Centre of Excellence training program.



- ✓ **Program Details:**
14 Hours (2-days)
- ✓ **Program Fee:**
RM4500.00



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<https://maicoe.org/training-and-certifications>