COURSE OVERVIEW AI0046
Artificial Intelligence for Leaders

Course Title
Artificial Intelligence for Leaders

Course Date/Venue
October 05-09, 2025/Boardroom 2, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE

Course Reference
AI0046

Course Duration/Credits
Five days/3.0 CEUs/30 PDHs

Course Description

This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-the-art simulators.

This course is designed to provide participants with a detailed and up-to-date overview of Artificial Intelligence for Leaders. It covers the artificial intelligence, AI trends in the modern world and AI leadership mindset; the AI and business strategy alignment and AI in decision-making; the organizational resistance and cultural barriers, skills gap in AI literacy, infrastructure and data readiness and leadership strategies to overcome challenges; the machine learning basics, natural language processing (NLP) and computer vision applications; the robotic process automation (RPA), AI in data analytics and cloud and AI infrastructure; the AI in human resources and talent management; and the AI in customer experience and AI in operations and supply chain.

During this interactive course, participants will learn the AI in finance and risk management, AI in strategic decision-making and AI in innovation and product development; the AI governance and policy and ethics in artificial intelligence; the AI and data privacy and AI and workforce transformation; the AI risk management, AI change management, future trends in AI and AI-driven leadership skills; the AI maturity levels and prioritizing AI initiatives for impact; the phased AI adoption strategies and KPIs for long-term AI success; and the AI for energy efficiency, AI in climate change mitigation and AI for sustainable business practices.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain an in-depth knowledge on artificial intelligence for leaders
- Discuss artificial intelligence, AI trends in the modern world and AI leadership mindset
- Apply AI and business strategy alignment and AI in decision-making
- Explain organizational resistance and cultural barriers, skills gap in AI literacy, infrastructure and data readiness and leadership strategies to overcome challenges
- Recognize machine learning basics, natural language processing (NLP) and computer vision applications
- Explain robotic process automation (RPA), AI in data analytics and cloud and AI infrastructure
- Employ AI in human resources and talent management, AI in customer experience and AI in operations and supply chain
- Apply AI in finance and risk management, AI in strategic decision-making and AI in innovation and product development
- Discuss AI governance and policy, ethics in artificial intelligence, AI and data privacy and AI and workforce transformation
- Apply AI risk management, AI change management, future trends in AI and AI-driven leadership skills
- Identify AI maturity levels and prioritize AI initiatives for impact as well as implement phased AI adoption strategies and KPIs for long-term AI success
- Carryout AI for energy efficiency, AI in climate change mitigation and AI for sustainable business practices

Exclusive Smart Training Kit - H-STK®

*Participants of this course will receive the exclusive "Haward Smart Training Kit" (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*

Who Should Attend

This course provides an overview of all significant aspects and considerations of artificial intelligence for leaders for senior executives, directors, and managers seeking to understand the strategic impact of AI on business, business leaders aiming to leverage AI for competitive advantage, innovation, and operational efficiency, department heads and functional leaders (operations, finance, HR, IT, marketing, etc.) who need to align AI initiatives with organizational goals, decision-makers responsible for digital transformation, data strategy, and technology adoption, project leaders and program managers overseeing AI-related projects or transformation initiatives, policy makers and regulators interested in AI governance, ethics, and responsible adoption.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations:

- British Accreditation Council (BAC)

  Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

- The International Accreditors for Continuing Education and Training (IACET - USA)

  Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

  Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

  Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:

Ms. Maria Florentino, B.Comm, BSc, is a **Senior IT Engineer** with over **30 years** of teaching and industrial experience in **AI** for **Leaders**, **Generative AI Specialization**, Fundamentals of **Artificial Intelligence**, **AI Integration with Enterprise** Systems, **Building Generative AI Applications**, **Limitations of Generative AI**, **AI** for Data Analysis Techniques**, Integrating AI With IoT & Big Data**, **AI for Failure Prediction & Reliability**, **AI** Ethics & Responsible Use, **AI in Data Science**, **AI Automation** Tools, **IT Continuity Management**, **Continuity Management Lifecycle**, **Continuity Plans** Development & Implementation, **IT Risk Assessment & Impact Analysis**, Effective **Crisis Management Structure**, **IT Networking & Project Management**, **IT Performance** Management, **IT Performance** Success Factors, Critical Factors for **IT Performance**, **IT Metrics** Management, **IT Matrix & Protocols**, **IT Service Management**, **IT Risk Management** Concepts, IT **Project Management**, IT **Confidentiality**, **Security Protocols**, IT **Security Policies**, **Security Practices**, **Security Solutions**, IT **Network Security Administration**, IT **Service Management**, Telecom, Datacom & Network, **IP PBX/PABX**, IT **Management**, **IT** System, **Python** Programming, **MS Office 365 BI**, **Digital Strategy & Transformation**, **Data Base** Design, **Computer** Maintenance, System Analysis & Design, **SQL Programming**, Decision Support Systems & Business Intelligence, **SQL**, **PL/SQL**, **C**, **C++**, **Java**, **ITTL**, **Computer** Applications, **Scripting Languages**, VB, VB.Net, **Simulation & Modelling**, Management Information Systems, **E-commerce**, **Oracle** HRMS, **Oracle** Forms & Reports, **Oracle PL/SQL**, Problem Solving Technique, **Oracle ERP**, **ERP** Customized Oracle Application and Organization & System Process.

During her career life, Ms. Florentino has gained her technical and practical expertise through a variety of challenging and key positions such as the **IT System Executive**, **IT Director**, **Head of IT**, **IT Manager**, **System Business Analyst**, **Systems Analyst**, **Technical Consulting**, **Programmer** and a **Senior Instructor/Trainer** for various companies such as Imperial Holding trading as Alert Engine Parts, Imperial Auto Part Division, Alert Engine Parts, Magic by Mail, Time Slot Software House, Caltex Refinery, Sea Fisheries Research- Cape Town and S.W.A Administration- Windoek.

Ms. Florentino has a **Bachelor's of Commerce** (**Honours**) in **Information Systems** and a **Bachelor's Science** in **Computer Science & Statistic**. Further, she is a **Certified Instructor/Trainer** and has delivered innumerable trainings, courses, seminars, conferences and workshops internationally.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Practical Workshops & Work Presentations
30% Hands-on Practical Exercises & Case Studies
20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Course Fee

US$ 5,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the workshop for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: ***Sunday, 05th of October 2025***

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Introduction to Artificial Intelligence*** *Evolution of AI and Its Current Applications • AI versus Machine Learning versus Deep Learning • AI in Business and Leadership Contexts • Opportunities and Challenges for Leaders*
0930 – 0945	*Break*
0945 – 1030	***AI Trends in the Modern World*** *Global AI Adoption and Investment Patterns • Emerging AI Technologies • AI in Competitive Strategy • Case Studies from Different Industries*
1030 – 1130	***AI Leadership Mindset*** *Shifting From Traditional to Digital Leadership • Growth Mindset for AI Transformation • Building Trust in AI Systems • Balancing Innovation with Risk*
1130 – 1215	***AI & Business Strategy Alignment*** *Linking AI Initiatives to Corporate Goals • Identifying Value-Driven AI Projects • Strategic KPIs for AI Success • AI as a Driver of Competitive Advantage*
1215 – 1230	*Break*
1230 – 1330	***AI in Decision-Making*** *Human versus Machine Decision-Making • Augmented Intelligence for Leaders • Bias and Ethical Implications in AI Decisions • Enhancing Judgment with AI Insights*

1330 – 1420	***AI Adoption Challenges*** *Organizational Resistance and Cultural Barriers • Skills Gap in AI Literacy • Infrastructure and Data Readiness • Leadership Strategies to Overcome Challenges*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2: Monday, 06th of October 2025

0730 – 0830	***Machine Learning Basics*** *Supervised Learning Applications • Unsupervised Learning in Business Contexts • Reinforcement Learning in Operations • Real-World Use Cases*
0830 - 0930	***Natural Language Processing (NLP)*** *Sentiment Analysis for Customer Experience • Chatbots and Virtual Assistants • Text Analytics for Market Insights • NLP in Business Intelligence*
0930 – 0945	*Break*
0945 – 1100	***Computer Vision Applications*** *Image Recognition in Quality Control • AI-Powered Surveillance and Security • Visual Inspection in Industrial Settings • Healthcare Imaging Innovations*
1100 – 1215	***Robotic Process Automation (RPA)*** *Automating Repetitive Business Processes • RPA versus AI: Differences and Synergies • RPA in HR, Finance, and Supply Chain • Scaling RPA With AI Capabilities*
1215 – 1230	*Break*
1230 – 1330	***AI in Data Analytics*** *Predictive Analytics for Forecasting • Prescriptive Analytics for Decision Support • Real-Time Analytics with AI • Data Visualization Powered by AI*
1330 – 1420	***Cloud & AI Infrastructure*** *Cloud Platforms for AI (AWS, Azure, GCP) • AI Scalability in Cloud Environments • Hybrid and Edge Computing for AI • Cybersecurity Considerations in AI Deployment*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Two*

Day 3: Tuesday, 07th of October 2025

0730 – 0830	***AI in Human Resources & Talent Management*** *Recruitment Automation and Candidate Screening • Employee Performance Analytics • Personalized Training and Development with AI • Predicting Employee Turnover*
0830 – 0930	***AI in Customer Experience*** *Personalized Marketing and Recommendations • AI in Customer Journey Mapping • Chatbots for Enhanced Customer Service • Voice-of-Customer Analytics*
0930 – 0945	*Break*

0945 – 1100	***AI in Operations & Supply Chain*** *AI for Demand Forecasting • Route Optimization and Logistics • Inventory Management with Predictive Analytics • AI in Quality Assurance*
1100 – 1215	***AI in Finance & Risk Management*** *Fraud Detection with Machine Learning • AI in Credit Risk Analysis • Automated Trading Systems • Cost Optimization with AI Insights*
1215 – 1230	*Break*
1230 – 1330	***AI in Strategic Decision-Making*** *Market Analysis with AI Tools • Competitive Intelligence Automation • AI for Scenario Planning and Simulations • AI-Driven Dashboards for Executives*
1330 – 1420	***AI in Innovation & Product Development*** *AI for New Product Ideation • Digital Twins and Simulations • Customer-Driven Innovation with AI Insights • Shortening R&D Cycles With AI*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Three*

Day 4: Wednesday, 08th of October 2025

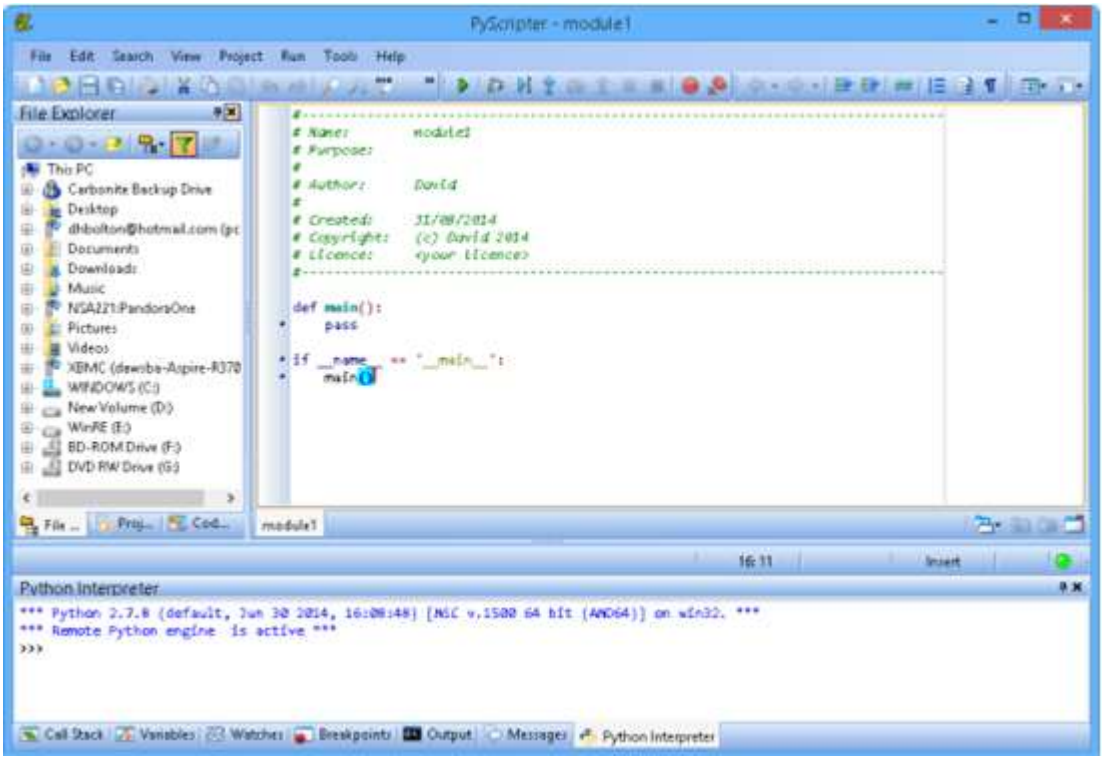
0730 – 0830	***AI Governance & Policy*** *Frameworks for AI Governance • Roles of Leaders in AI Oversight • Establishing AI Centers of Excellence • Cross-Functional Governance Structures*
0830 – 0930	***Ethics in Artificial Intelligence*** *Bias and Fairness in AI Algorithms • Transparency and Explainability in AI • Accountability and Liability in AI Systems • Ethical Leadership in AI Deployment*
0930 – 0945	*Break*
0945 – 1100	***AI & Data Privacy*** *Data Governance Principles • GDPR and Global Data Protection Laws • AI Risks in Handling Sensitive Data • Ensuring Compliance and Trust*
1100 – 1215	***AI & Workforce Transformation*** *Reskilling and Upskilling Employees • Human-AI Collaboration Models • AI's Impact on Leadership Roles • Leading Organizational Change With AI*
1215 – 1230	*Break*
1230 – 1330	***AI Risk Management*** *Identifying AI-Specific Risks • Cybersecurity Threats in AI • Mitigation Strategies for AI Failures • Building Resilience in AI Projects*
1330 – 1420	***AI Change Management*** *Overcoming Cultural Resistance • Communicating AI Initiatives Effectively • Leadership Engagement Strategies • Building a Future-Ready AI Culture*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Four*

Day 5: Thursday, 09th of October 2025

0730 – 0830	***Future Trends in AI*** *Generative AI for Business Innovation • AI in the Metaverse & Digital Twins • Quantum AI Potential • AI Convergence with IoT & Blockchain*
0830 – 0930	***AI-Driven Leadership Skills*** *Emotional Intelligence in the AI Age • Critical Thinking with AI Augmentation • Data-Driven Leadership Communication • Strategic Foresight with AI Tools*
0930 – 0945	*Break*
0945 – 1100	***Building an AI Roadmap*** *Identifying AI Maturity Levels • Prioritizing AI Initiatives for Impact • Phased AI Adoption Strategies • KPIs for Long-Term AI Success*
1100 – 1215	***Case Studies & Best Practices*** *AI in Global Corporations • AI in Startups and SMEs • Public Sector AI Applications • Lessons Learned from Failed AI Projects*
1215 – 1230	*Break*
1230 – 1300	***AI & Global Sustainability*** *AI for Energy Efficiency • AI in Climate Change Mitigation • Smart Cities Powered by AI • AI for Sustainable Business Practices*
1300 – 1345	***Final Workshop & Action Planning*** *Group Exercise: Designing an AI Strategy • Identifying Leadership Roles in AI Adoption • Building a Leader's AI Toolkit • Personal Action Plan & Commitments*
1345 – 1400	***Course Conclusion*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
1400 – 1415	***POST-TEST***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using “PyScripter with Python”.



PyScripter with Python

Course Coordinator

Mari Nakintu, Tel: +971 2 30 91 714, Email: mari1@haward.org