



COURSE OVERVIEW AI0176-3D **Artificial Intelligence for Business Executives**

Course Title

Artificial Intelligence for Business Executives

Course Date/Venue

July 28-30, 2026/Online Virtual Training

Course Reference

AI0176-3D

Course Duration/Credits

Three days/1.599 CEUs/15.99 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 Business Executives. It covers the evolution of AI and its role in modern enterprises and key AI terminologies; the AI value creation across industries and AI trends shaping smart cities and energy sectors; the core technologies of artificial intelligence, machine learning, deep learning, robotics and automation; the smart grid optimization and demand forecasting, predictive maintenance for assets and AI in water management and leakage detection; aligning AI with corporate strategy and UAE vision; the high-impact AI opportunities and building an AI roadmap; the importance of data quality, governance, integration and data types; and the data platforms and infrastructure and data privacy, security, and compliance.



During this interactive course, participants will learn the difference between build, buy and partner decisions; the talent requirements and change management; the cultural transformation, measuring ROI and success metrics for AI projects; the ethical AI principles and responsible AI usage; the bias, fairness, and transparency in algorithms; the regulatory considerations, risk management and AI governance frameworks; the generative AI and its business implications; the AI + IoT (AIoT) in smart utilities, autonomous systems and smart cities integration; the AI-driven decision support systems and interpreting AI outputs; the scenario planning using predictive analytics; and leading AI initiatives as an executive sponsor.





Objectives/Outcomes & Benefits for the Participants

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

- Apply and gain an in-depth knowledge on artificial intelligence for business executives
- Discuss the evolution of AI and its role in modern enterprises including key AI terminologies, AI value creation across industries and AI trends shaping smart cities and energy sectors
- Employ core technologies of artificial intelligence, machine learning, deep learning, robotics and automation
- Carryout smart grid optimization and demand forecasting, predictive maintenance for assets and AI in water management and leakage detection
- Align AI with corporate strategy and UAE vision, identify high-impact AI opportunities and build an AI roadmap
- Discuss the importance of data quality, governance, integration, data types, data platforms and infrastructure and data privacy, security, and compliance
- Differentiate build, buy and partner decisions and apply talent requirements, change management, cultural transformation, measuring ROI and success metrics for AI projects
- Recognize the ethical AI principles and responsible AI usage, bias, fairness, and transparency in algorithms, regulatory considerations and risk management and AI governance frameworks
- Explain generative AI and its business implications, AI + IoT (AIoT) in smart utilities and autonomous systems and smart cities integration
- Employ AI-driven decision support systems, interpreting AI outputs, scenario planning using predictive analytics and leading AI initiatives as an executive sponsor

Who Should Attend

This course provides an overview of all significant aspects and considerations of artificial intelligence for business executives, senior executives, C-suite leaders, department heads, entrepreneurs, business owners and strategic planners

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.



Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Virtual Training (If Applicable)

If this course is delivered online as a Virtual Training, the following limitations will be applicable:-

Certificates	Only soft copy certificates will be issued to participants through Haward's Portal. This includes Wallet Card Certificates if applicable
Training Materials	Only soft copy Training Materials (PDF format) will be issued to participant through the Virtual Training Platform
Training Methodology	80% of the program will be theory and 20% will be practical sessions, exercises, case studies, simulators or videos
Training Program	The training will be for 6 hours per day starting at 0830 and ending at 1430
H-STK Smart Training Kit	Not Applicable
Hands-on Practical Workshops	Not Applicable
Site Visit	Not Applicable
Simulators	Only software simulators will be used in the virtual courses. Hardware simulators are not applicable and will not be used in Virtual Training

Course Fee

US\$ 1,875 per Delegate + VAT.



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 **1.599 CEUs** (Continuing Education Units) or **15.99 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)



Mr. Pan Kosmidis, MSc, BSc, is a **Senior IT Specialist** with almost **25** years of experience in the areas of Programming with **Python & Java Specialization**, Development Environment Setup for **Python & Java**, **Python Syntax** & Data Types, **Python** Control Structures, Sentiment Analysis using **Python**, Machine Learning with **Python**, Geoprocessing Scripts Using **Python**, Face Detection with OpenCV in **Python**, **Programming**, **Data** Structures, Artificial Intelligence (**AI**), **AI** for Everyone Track, **Systems Modeling**, **Web Dev**, **Databases**, **Mobile Dev**, **Data Analytics** for Business Leaders, **Data Quality** Management, **IT Data** Architecture, **Data** Management & Analysis using **Excel®**, **Advanced Data** Analysis, **Microsoft Data** Analysis, **Microsoft Enterprise** Systems, **Microsoft Servers**, **Microsoft Hyper-V**, **Microsoft Exchange**, **Microsoft 365 Cloud** Services (Exchange Online, Teams, OneDrive), **Microsoft Azure & Hybrid Active Directory** Environments, **AI** Fundamentals, Effective & Interactive **Dashboards**, **Predictive Analytics** Concepts, Apply **AI** Algorithms, **AI-Driven** Predictive Maintenance, Data Storytelling with **AI Insights**, Integrating Real-Time **Data Ingestion**, and **Software Tools** such as **Python**, **Java**, **JavaScript/TypeScript**, **C#/.NET**, **PHP/Laravel**, **Node.js**, **HTML/CSS**, **SQL (RDBMS & NoSQL)**, **Redis**, **RabbitMQ**, **Kafka**, **Event Store**, **Docker**, **CI/CD**, **Git** and **Methodologies & Architecture** such as **Agile (Scrum, Kanban)**, **DDD**, **CQRS**, **Clean Architecture**, **Event Sourcing**, **SOLID**, **RESTful APIs** and **CI/CD Pipelines**. Further, he is also well-versed in Business Management, Financial Marketing, Contract Negotiation, Crisis Management, Training Programme Design & Delivery, Project Management, Business & Team Leadership, Financial Analysis, Investment & Risk Management, Technical & Fundamental Analysis, Mentoring and Consultancy.

During his career life, Mr. Kosmidis has gained his practical and field experience through his various significant positions and dedication as the **Business Development Operations Director**, **Enterprise Architect**, **IT Consultant**, **Educational Consultant & Instructor**, **Investment Analyst & Trader**, **University Lecturer**, **DevOps Engineer**, **Security & Crisis Management Instructor**, **IT Specialist**, **Software Developer** and **Senior Instructor/Trainer/Lecturer** from various companies and universities.

Mr. Kosmidis is currently taking up his **Master's** degree in **Data Analytics** and **Financial Technology** and he holds a **Bachelor's** degree with (Honours) in **Computer Science** and a **Bachelor's** degree in **Business Administration & Economics**. Further, he is a **Certified Instructor/Trainer** and has delivered numerous trainings, courses, workshops, conferences and seminars internationally.

Course Program

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

Day 1: Tuesday, 28th of July 2026

0830 – 0900	Registration & Coffee
0900 – 0915	Welcome & Introduction
0915 – 0930	PRE-TEST
0930 – 1030	Introduction to Artificial Intelligence in Business <i>Evolution of AI & its Role in Modern Enterprises • Key AI Terminologies (AI versus ML versus DL versus Robotics) • AI Value Creation Across Industries (With Utilities Focus) • AI Trends Shaping Smart Cities & Energy Sectors</i>



1030 – 1050	Break
1050 – 1130	Core Technologies Explained (AI, ML, DL, Robotics) Artificial Intelligence: Capabilities & Limitations • Machine Learning: Supervised, Unsupervised, Reinforcement Learning
1130 – 1230	Core Technologies Explained (AI, ML, DL, Robotics) (cont'd) Deep Learning: Neural Networks & Real-World Applications • Robotics & Automation: RPA versus Intelligent Robotics in Operations
1230 – 1250	Break
1250 – 1420	AI Use Cases in Utilities & Smart Infrastructure Smart Grid Optimization & Demand Forecasting • Predictive Maintenance for Assets (Plants, Pipelines, Grids) • AI in Water Management & Leakage Detection • Customer Experience: Chatbots, Personalization, Smart Billing
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	End of Day One

Day 2: Wednesday, 29th of July 2026

0830 – 1030	AI Strategy & Digital Transformation for DEWA Aligning AI With Corporate Strategy & UAE Vision (e.g., AI 2031) • Identifying High-Impact AI Opportunities • Building an AI Roadmap (Short, Medium, Long-Term) • Case Studies: Global Utilities & Government Leaders
1030 – 1050	Break
1050 – 1130	Data as the Foundation of AI Importance of Data Quality, Governance & Integration • Data Types: Structured versus Unstructured (IoT, Sensors, Customer Data)
1130 – 1230	Data as the Foundation of AI (cont'd) Data Platforms & Infrastructure (Cloud, Edge Computing) • Data Privacy, Security, & Compliance (Critical for Utilities)
1230 – 1250	Break
1250 – 1420	AI Implementation & Organizational Readiness Build versus Buy versus Partner Decisions • Talent Requirements: AI Teams versus External Vendors • Change Management & Cultural Transformation • Measuring ROI & Success Metrics for AI Projects
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	End of Day Two

Day 3: Thursday, 30th of July 2026

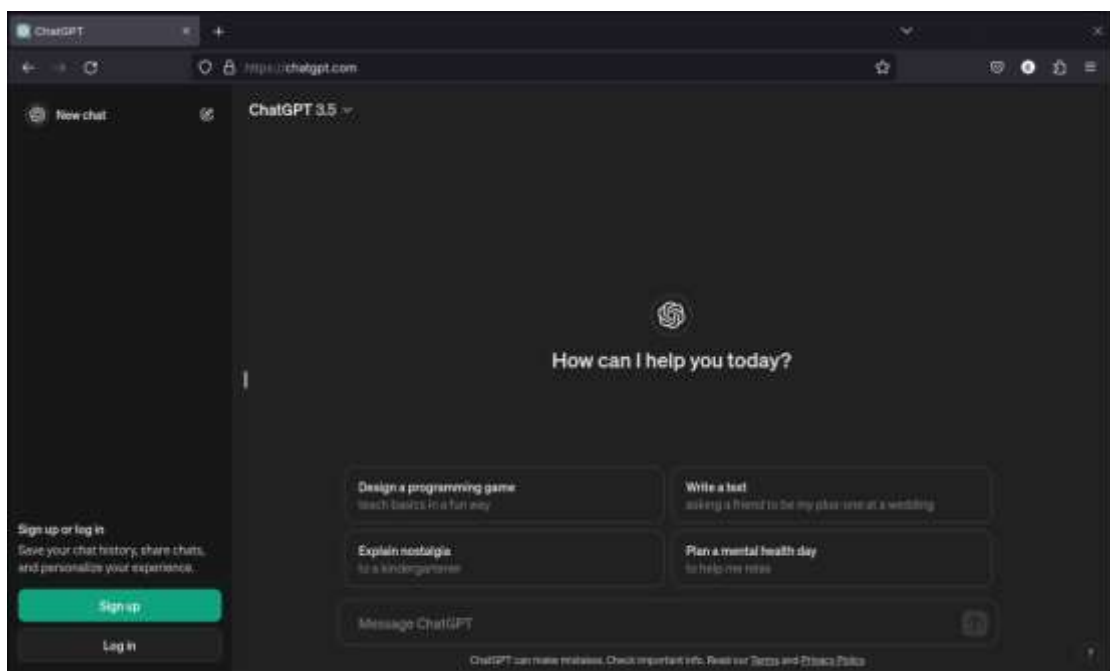
0830 – 0930	Ethics, Governance & Risk in AI Ethical AI Principles & Responsible AI Usage • Bias, Fairness, & Transparency in Algorithms • Regulatory Considerations (Local & Global Perspectives) • Risk Management & AI Governance Frameworks
0940 – 1000	Break
1000 – 1130	Emerging Technologies & Future Trends Generative AI & its Business Implications • AI + IoT (AIoT) in Smart Utilities
1130 – 1230	Emerging Technologies & Future Trends (cont'd) Autonomous Systems & Smart Cities Integration • Future of Work: Human-AI Collaboration



1230 – 1250	Break
1250 – 1400	Executive Decision-Making With AI <i>AI-Driven Decision Support Systems • Interpreting AI Outputs (Non-Technical Perspective) • Scenario Planning Using Predictive Analytics • Leading AI Initiatives as an Executive Sponsor</i>
1400 – 1415	Course Conclusion <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course</i>
1415 – 1430	POST-TEST
1430	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 “ChatGPT”, “Gemini” and “Copilot” Softwares.



ChatGPT Software



Gemini Software



Copilot Software

Course Coordinator

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