



محترف الذكاء الاصطناعي: احترف تعلم الآلة واللغات وحوسبتها



AGILE LEADERS
Training Center

محترف الذكاء الاصطناعي: احترف تعلم الآلة واللغات وحوكمتها

Course Overview:

The Certified AI Professional: Master Machine Learning, NLP, and AI Governance Training Course is designed for professionals seeking expertise in Artificial Intelligence Training, Machine Learning, Deep Learning, Natural Language Processing NLP, and AI Governance and Compliance. This intensive program provides hands-on experience in designing, deploying, and managing AI solutions effectively.

By integrating cutting-edge AI methodologies such as Machine Learning, Computer Vision, Robotics, and Expert Systems in AI, participants will develop a strategic understanding of AI applications. The course also emphasizes AI Risk Management Training, Ethical AI Implementation, and AI Strategy and Leadership, ensuring professionals can align AI initiatives with business objectives.

Participants will engage in real-world case studies, industry best practices, and interactive exercises, preparing them for AI Certification for Professionals. By the end of this course, learners will be equipped with essential skills to lead AI-driven projects successfully.

Target Audience:

- AI Professionals actively developing and implementing AI technologies
- Data Scientists responsible for AI model development
- IT Managers overseeing AI projects
- Business Executives making AI-driven decisions
- Compliance Officers managing AI governance
- AI Enthusiasts looking to advance into leadership roles

Targeted Organizational Departments:

- IT and Data Science Teams
- Risk and Compliance Departments
- Business Strategy and Decision-Making Units
- Research and Development Teams
- Executive Leadership and Innovation Departments

Targeted Industries:

- Finance and Banking AI in Risk and Fraud Management
- Healthcare AI-driven Diagnostics and Predictive Analytics
- Manufacturing Robotics and AI Automation
- Retail and E-commerce AI in Personalization and Supply Chain
- Government and Public Sector AI Policy and Governance

Course Offerings:

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

- Understand AI Fundamentals Certification and its real-world applications.
- Build and optimize AI models using Machine Learning for Business.
- Implement Deep Learning Certification techniques, including CNNs and RNNs.
- Apply NLP Training Course methodologies in AI-driven chatbots and automation.
- Develop AI solutions while ensuring AI Risk and Privacy Compliance.
- Formulate strategic AI governance policies for corporate implementation.

Training Methodology:

- Interactive lectures and expert-led discussions
- Hands-on coding exercises in AI Model Development Training
- Real-world case studies in AI Implementation Best Practices
- Activities and practical AI strategy workshops
- Continuous feedback and Q and A sessions

Course Toolbox:

- Digital workbooks and AI strategy templates
- Access to AI and machine learning cloud-based environments
- Checklists for AI Compliance Training and governance frameworks
- Suggested open-source AI development tools

Course Agenda:

Day 1: Foundations of AI and Data Analysis

- Introduction to AI and Its Business Applications **Topic 1:**
- Data Analysis and Visualization Techniques for AI **Topic 2:**
- Fundamental Concepts of Machine Learning **Topic 3:**
- AI Governance, Ethics, and Compliance Overview **Topic 4:**
- AI Risk and Privacy Considerations **Topic 5:**
- Data Preprocessing and Feature Engineering **Topic 6:**
- Key Takeaways and Discussion **Reflection & Review:**

Day 2: Machine Learning and AI Model Development

- Supervised vs Unsupervised Learning Topic 1: •
- Building and Evaluating AI Models Topic 2: •
- AI-Powered Automation and Optimization Topic 3: •
- Reinforcement Learning Applications Topic 4: •
- AI Risk and Security Considerations Topic 5: •
- Hyperparameter Tuning and Model Optimization Topic 6: •
- Case Studies and Problem Solving Reflection & Review: •

Day 3: Deep Learning, NLP, and Advanced AI Models

- Neural Networks and Deep Learning Fundamentals Topic 1: •
- Natural Language Processing and Chatbot Applications Topic 2: •
- AI for IT Managers and Business Optimization Topic 3: •
- Sentiment Analysis and Text Classification Topic 4: •
- AI Leadership and Strategic AI Implementation Topic 5: •
- Speech Recognition and Voice AI Topic 6: •
- Hands-on Practice and Discussion Reflection & Review: •

Day 4: Computer Vision, Robotics, and AI Strategy

- AI in Image Recognition and Computer Vision Topic 1: •
- Robotics and AI Automation in Industry Topic 2: •
- AI Governance, Ethics, and Corporate Compliance Topic 3: •
- AI Trends and Emerging Technologies Topic 4: •
- AI for Risk and Compliance Officers Topic 5: •
- AI-Powered Predictive Analytics Topic 6: •
- Key Learnings and Group Discussion Reflection & Review: •

Day 5: AI Project Implementation and Certification

- AI Project Management Strategies Topic 1: •
- AI in Business Strategy and Competitive Advantage Topic 2: •
- AI Model Deployment and Performance Evaluation Topic 3: •
- AI Exam Preparation and Best Practices Topic 4: •
- Certification Exam and Assessment Topic 5: •
- Future of AI in Corporate Environments Topic 6: •
- Final Discussion and Q&A Reflection & Review: •

FAQ:

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

Participants should have a basic understanding of AI concepts and some experience in IT, business strategy, or data science. No advanced programming knowledge is required.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day's session is structured to last around 4 to 5 hours, including breaks and interactive activities. The total course duration spans five days, approximately 20 to 25 hours of instruction.

How does AI Governance impact business decisions?

AI Governance ensures AI models align with ethical standards, corporate policies, and regulatory compliance, reducing legal risks and enhancing AI-driven decision-making transparency.

How This Course is Different from Other AI Certification Courses:

Unlike generic AI courses, this program integrates AI Ethics Certification, AI Risk Management Training, and AI -Leadership and Strategy, ensuring professionals gain both technical and strategic AI expertise. It provides real world applications of AI-Powered Automation Training, AI Compliance Training, and AI Career Advancement Training to help professionals lead AI transformations within their organizations.

فئات الدورات التدريبية

الدورات التدريبية في مجال البيئة والاستدامة	دورات إدارة الجودة وتطوير العمليات
دورات إدارة و تحليل البيانات ودورات علم البيانات	دورات إدارة و تطوير الموارد البشرية
دورات الذهن السيرياني ودورات تقنية المعلومات	دورات الاتصال الجماهيري و السياسات والعلاقات العامة
دورات التدريب القانوني والهشتريات والتعاقدات	دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات
دورات الحوكمة وإدارة المخاطر والامتثال	دورات السكرتارية و إدارة المكاتب
دورات الصحة والسلامة والذهن المهني	دورات الصيانة ودورات المجالات الهندسية المتنوعة
دورات المحاسبة و التهويل و دورات الإدارة المالية	دورات المهارات الشخصية وتطوير الذات
دورات في مجالات القيادة والإدارة	دورات معتمدة من قبل هيئات دولية
دورات مكتب إدارة المشاريع وإدارة المشاريع الرشيقية	



معدن التدريب

أكرا غانا	أثينا اليونان	أبوظبي الإمارات العربية المتحدة
الجبيل المملكة العربية السعودية	استنبول تركيا	أهستردام هولندا
الرياض المملكة العربية السعودية	الدوحة قطر	الدار البيضاء المغرب
المنامة مملكة البحرين	الكويت الكويت	القاهرة مصر
بانكوك تايلند	باكو أذربيجان	باريس فرنسا
برلين ألمانيا	برشلونة إسبانيا	براغ جمهورية التشيك
تيليسي جورجيا	بوكيت تايلاند	بورتو البرتغال
جنيف سويسرا	جاكارتا جمهورية إندونيسيا	تورنتو كندا
روما إيطاليا	دبي الإمارات العربية المتحدة	جوهانسبرغ جنوب أفريقيا
سنغافورة سنغافورة	سان دييغو الولايات المتحدة الأمريكية	زنجان تنزانيا
شيكاغو الولايات المتحدة الأمريكية	شرم الشيخ مصر	سيول كوريا الجنوبية
طوكيو اليابان	طشقند أوزبكستان	طرابزون تركيا
فرانكفورت ألمانيا	عن بعد منصة زووم	عمان المملكة الأردنية الهاشمية

مدن التدريب

كيب تاون جنوب افريقيا	كوالالمبور ماليزيا	فيينا النمسا
لندن المملكة المتحدة	لشبونة البرتغال	لانكاوي ماليزيا
مسقط سلطنة عمان	هدريد اسبانيا	ماربيا اسبانيا
ميونخ ألمانيا	ميلان إيطاليا	مونترو سويسرا
	نيويورك الولايات المتحدة الأمريكية	نيروبي كينيا