Professional Certification Program
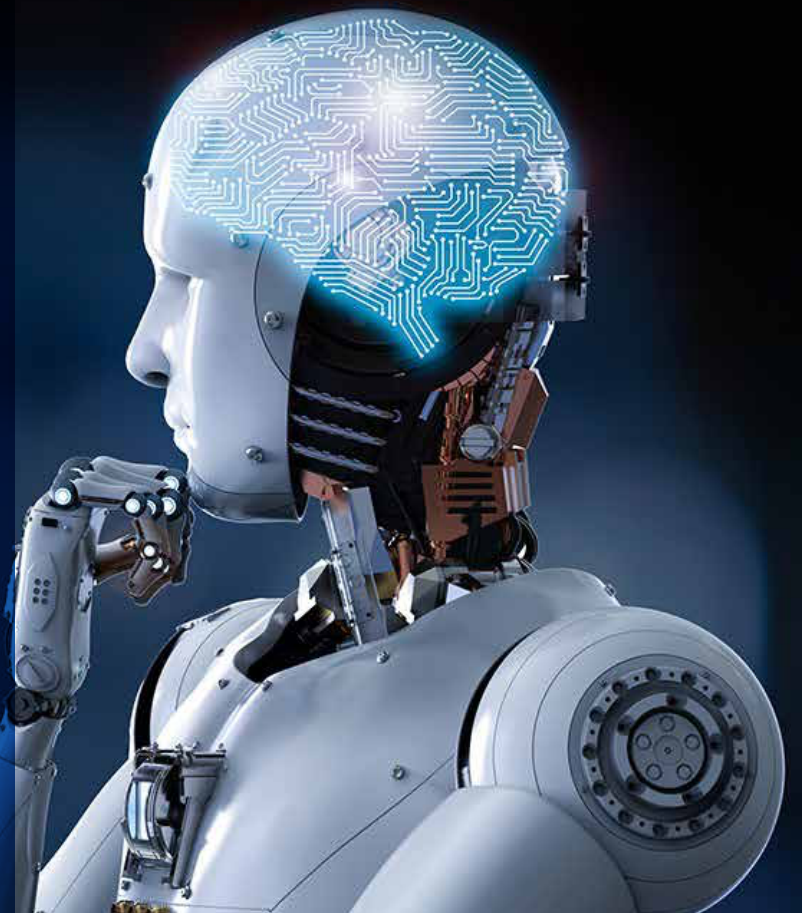
Artificial Intelligence Program Overview

Our 6-month Artificial Intelligence certificate program is designed to help you master essential AI skills that are in high demand in today's job market. With AI expected to grow **36.6% by 2030** (Forbes), this program provides **a structured learning path** to develop expertise in AI, deep learning, and generative AI models.

Throughout the program, you will explore **Python, natural language processing (NLP), machine learning, and computer vision**, while also diving into cutting-edge **generative AI technologies, including large language models (LLMs)**. You'll gain hands-on experience building **deep learning architectures**, working with **retrieval-augmented generation (RAG)**, and leveraging AI frameworks like **PyTorch, TensorFlow, LangChain, and Hugging Face** to create advanced AI applications.

AI is transforming industries, and whether you're **a student, developer, or technology consultant**, understanding AI and **building AI-powered applications** will give you a competitive edge. This **Professional Certificate** is designed to prepare you for a career as an AI engineer by equipping you with **practical, job-ready skills**. You'll work on **real-world projects** implementing **machine learning models, object recognition, image and video processing, document classification, and AI-driven chatbot systems.**

This **hybrid program** combines **online coursework with in-person sessions**, **ensuring** a comprehensive and interactive learning experience. Delivered in English, it is structured to accommodate both self-paced learning and **collaborative, hands-on projects.**

Enroll today and start building an AI portfolio that stands out in the job market!

Hybrid Format
Online + In-person

Language
English & French

Cost for Professionals
TND 2.800
(TFP Refund)

Cost for Students
TND 1.400
(50% Discount)

6 months
Flexible Schedule

MUST University
LAC 3, Tunis

IBM

ABOUT **THE PROGRAM**

The demand for **Artificial Intelligence professionals** is growing rapidly, with AI transforming industries and creating new opportunities worldwide. Skilled AI specialists play a crucial role in **developing intelligent systems**, from **voice recognition to complex problem-solving applications**, driving innovation across sectors.

Our **6-month AI certificate program** is designed for **working professionals, students, and individuals eager** to master high-demand AI skills. With a commitment of **6 hours per week**, participants will gain hands-on experience in **machine learning, deep learning, computer vision, and generative AI**, preparing them for careers as AI engineers and developers.

This **hybrid program** blends **self-paced online learning from world-renowned experts on Coursera** with **interactive, in-person sessions at MUST University Campus, Lac 3, Tunis, Tunisia**. This structure ensures **a comprehensive and flexible learning experience**, allowing participants to apply **AI concepts in real-world projects** while benefiting from expert guidance and peer collaboration.

PROGRAM **BENEFITS**

★ **Learn from the Best :** Gain AI expertise from **IBM's top experts** on Coursera and **highly skilled faculty** at MUST University.

★ **Industry Mentorship :** Receive **guidance and insights** from AI professionals and industry leaders.

★ **Fully Online Learning Experience :** Enjoy the flexibility of **self-paced online learning,** combined with **interactive, in-person labs, discussions, and hands-on projects** to reinforce your skills.

★ **Career-Boosting Skills :** Master cutting-edge AI techniques, including **machine learning, deep learning, computer vision, NLP, and generative AI,** making you job-ready in a fast-growing industry.

★ **Earn a Recognized Credential :** Strengthen your résumé with a **Professional Certificate from MUST University and IBM,** proving your expertise to employers.

★ **Expand Your Network :** Connect with a **diverse and accomplished group of peers,** fostering valuable collaborations and professional opportunities.

MUST INSTRUCTORS

Mentor : Pr. Fakhreddine Karray
Co-Dircetor, Waterloo University, Canada
Professor, MBZUAI University, UAE
Instructor-Led Sessions

Instructor : Mr. Tarek Gasmi
Nvidia Faculty Ambassador
Microsoft Certified Trainer
Co-Founder and CEO of DataDoIt

Instructor : Dr. Wafa Mefteh
PhD, in computer science
MUST Faculty Member
Associate Professor , ENIT, Tunisia

PROGRAM INSTRUCTORS **FROM IBM**

Sina Nazeri
Data Scientist

Wojciech 'Victor' Fulmyk
IBM

Ashutosh Sagar
Data Scientist

Romeo Kienzler
Chief Data Scientist

Samaya Madhavan
Advisory Software Engineer

Alex Aklson
Ph.D., data scientist

Jeff Grossman
Data Science & Engineering SME

Fateme Akbari
fourth-year Ph.D

Kang Wang
Data Scientist

Joseph Santarcangelo
Ph.D., Data Scientist

Ricky Shi
Data Scientist & AI specialist

Roodra Pratap Kanwar
Data Scientist

Jeremy Nilmeier
Data Scientist and Developer

AFTER THIS COURSE
YOU WILL BE ABLE TO

★ **Gain a Strong AI Foundation :** Develop a deep understanding of AI technology, its real-world applications, and industry use cases, including the latest advancements in Generative AI.

★ **Choose the Right AI Solutions :** Identify and implement the best AI algorithms for tasks such as object recognition, computer vision, image and video processing, text analytics, and natural language processing (NLP).

★ **Master Python for AI Development :** Build, train, and deploy AI applications on the web using Python and powerful libraries like TensorFlow, PyTorch, and Hugging Face.

★ **Build Generative AI Models :** Develop and fine-tune Large Language Models (LLMs) like GPT and BERT, implement Retrieval-Augmented Generation (RAG), and create AI-powered chatbots and applications using frameworks like LangChain and Gradio.

★ **Design & Develop Cutting-Edge AI Applications :** Leverage the right tools and frameworks to create intelligent systems, including recommender systems, AI-driven assistants, and multimodal AI applications.

★ **Accelerate Your AI Career :** Whether you're starting fresh or upskilling, gain the expertise to become an AI practitioner and stand out in a rapidly growing job market, mastering both traditional AI and the latest Generative AI advancements.

WHO IS THIS
PROGRAM FOR?

★ **Aspiring AI Professionals :** Holders of a bachelor's degree in a relevant field such as information technology, computer engineering, statistics, or data science, looking to build expertise in Artificial Intelligence and Machine Learning.

★ **Data-Driven Professionals :** Anyone whose work involves data analysis, decision-making, or automation, and who wants to master key concepts, algorithms, and real-world applications of AI, including machine learning, deep learning, and Generative AI.

★ **Business Leaders & Managers :** Decision-makers who need a strategic vision of AI, understanding the opportunities, costs, and challenges in predictive modeling, especially when dealing with large-scale textual, visual, or structured data.

★ **Industry Professionals & Innovators :** Engineers, consultants, and researchers seeking hands-on AI experience, practical insights, and direct engagement with MUST faculty, industry experts, and cutting-edge AI tools to drive innovation in their organizations.

STUDENTS **TESTIMONIALS**

Safa Abid

I recommend that all students and professionals in the field of IT, holding a degree, either licence or engineering, and aspiring to specialize in artificial intelligence, commit themselves to joining this professional certification program.

Wieme Gharbi

The quality of teaching and the constant support I received greatly contributed to my in-depth understanding of the key concepts related to artificial intelligence engineering. I am convinced that this experience will significantly enhance my professional capabilities and contribute positively to my career goals.

Akrem Gomri

The knowledge gained from this course is already positively impacting both my studies in France and my career. The certifications acquired will significantly enhance my resume, LinkedIn profile, portfolio, and overall knowledge.

Mohamed Yassine Haddouk

While my educational background as a medical resident, I have been fortunate to receive effective mentorship. I have discovered a wealth of expertise within the university faculty specializing in artificial intelligence. Recognizing the increasing significance of AI in the medical field and beyond, I am eager to explore these advancements into my professional journey.

Hassen Mouaoui

Attending the AI PCP program with MUST University was an amazing journey that exceeded my expectations. It provided an excellent starting point for diving deeper into the vast field of artificial intelligence. The professors were incredibly supportive and flexible, ensuring that every participant could grasp complex concepts with ease. The program itself was rich in knowledge, offering a well-structured curriculum that balanced theory with hands-on experience. I highly recommend it to anyone looking to build a strong foundation in AI!

CERTIFICATE

ABOUT **MUST University**

MUST University is a pioneering and innovative higher education institution located in the Lac 3, region of Tunis, using the North-American model of higher education. It is founded by a group of Tunisians educated in North America, Japan, Europe and Tunisia, with extensive accumulated experience, in academia as well as in industry.

MUST University offers rigorous programs in Software Engineering and Data Science, combining solid theoretical foundations with practical experience. MUST University uses innovative pedagogies such as active learning (flipped classroom), service learning, and leadership training.

In addition to degree programs, MUST University offers Professional Certification Programs to the community at large, opening up the opportunity for working professionals and other students to gain expertise in one of the new technologies changing the world today.

The partnership between MUST University and Coursera, the world-renowned platform for top lectures in the world, makes it possible for anyone in Tunisia and abroad, to gain access to the highest quality education.

ABOUT **IBM**

IBM is the global leader in business transformation through an open hybrid cloud platform and AI, serving clients in more than 170 countries around the world.

Today 47 of the Fortune 50 Companies rely on the IBM Cloud to run their business, and IBM Watson enterprise AI is hard at work in more than 30,000 engagements. IBM is also one of the world's most vital corporate research organizations, with 28 consecutive years of patent leadership.

Above all, guided by principles for trust and transparency and support for a more inclusive society, IBM is committed to being a responsible technology innovator and a force for good in the world. For more information about IBM visit : www.ibm.com

Grab this
Life-changing Opportunity

Special
Price

Cost for Professionals
TND 2.800
(TFP Refund)

Cost for Students
TND 1.400
(50% Discount)

Apply Now

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