



USAI® UNITED STATES ARTIFICIAL INTELLIGENCE INSTITUTE

Certified AI Accelerator (CAIA™)

Get Cutting-Edge and Future-Ready **AI Skills** for Aspiring AI Professionals

Exclusive Beginner-Level Program for Malaysia



CAIA™
Certified Artificial Intelligence Accelerator

Self-Paced
Instructor-Led

Get FREE

World-class personalized eBooks

High-quality, industry-relevant, and self-learning videos

Real-world case studies

One FREE exam attempt

AI FOR YOUNG PROFESSIONALS: SHAPING THE LEADERS OF TOMORROW

AI for Young Professionals: Shaping the Leaders of Tomorrow
Artificial Intelligence (AI) is more than just a buzzword—it's a transformative force reshaping industries and redefining career paths for young professionals. As we witness rapid advancements in AI, AR, VR, robotics, and the metaverse, it's crucial for early-career professionals to build a solid understanding of this technology. Mastering AI not only enhances one's skill set but also positions them as innovators in their field, capable of driving change and leading future developments.

Organizations today are on the lookout for proactive individuals who can harness the power of AI to foster growth and innovation. Yet, many companies fall short in providing the necessary training to develop this expertise from the outset. By investing in AI education, young professionals can unlock their potential, making themselves invaluable assets to their teams and businesses.



91%
of leading
businesses
are
adopting
AI

- Forbes



CERTIFIED ARTIFICIAL INTELLIGENCE ACCELERATOR (CAIA™)

The Certified AI Accelerator (CAIA™) program is tailored for young and novice professionals in Malaysia, focusing on non-technical aspects of AI. This certification covers the fundamentals of AI and equips participants with industry-relevant knowledge, addressing Malaysia's growing demand for AI skills. As per recent trends, **Malaysia's AI adoption is set to grow by 25% annually**, driven by digital transformation initiatives like MyDIGITAL and the National AI Roadmap. The CAIA™ program empowers Malaysian professionals to be **future-ready**, bridging the AI skills gap and **enhancing employability** in a rapidly evolving market where AI literacy is becoming essential across sectors.

Program Duration

5 Weeks

Program Format

**Self-Paced /
Instructor-Led**

Hours of Learning

8 Hours per week

Payment Options

Flexible

CAIA™ covers all the latest topics through Study books, and videos under the self-paced training module.

8 hours/week is all that's required to excel.



Program Benefits

- **Foundation in AI Concepts:** Gain a solid understanding of AI fundamentals without needing a technical background.
- **Industry-Relevant Skills:** Learn skills tailored to current industry needs, enhancing employability and career growth.
- **Beginner-Friendly Curriculum:** Designed for young professionals and beginners, ensuring an accessible learning path to AI proficiency.
- **Global and Local Perspectives:** Understand AI trends and applications globally, with a focus on the Malaysian market and opportunities.
- **Enhanced Decision-Making:** Equip yourself with knowledge to make informed decisions in AI-driven environments.
- **Career Advancement:** Boost your profile with a certification recognized by employers, opening doors to diverse career opportunities.

Learning-Mode

With more than **100+ hours of learning**, be rest assured to become an advanced **AI fundamentalist.**

Self-Paced Learning

CAIA™ is meticulously designed for self-paced learning through an exclusive USAII[®] Dashboard with just **1 hour per day** of learning.

Instructor-led Learning

Learn from the best AI experts under our training module designed for indigenous groups with a background of STEM from schools.

ELIGIBILITY CRITERIA

The Certified Artificial Intelligence Accelerator (CAIA™) program has certain eligibility criteria for accepting applications from interested candidates.

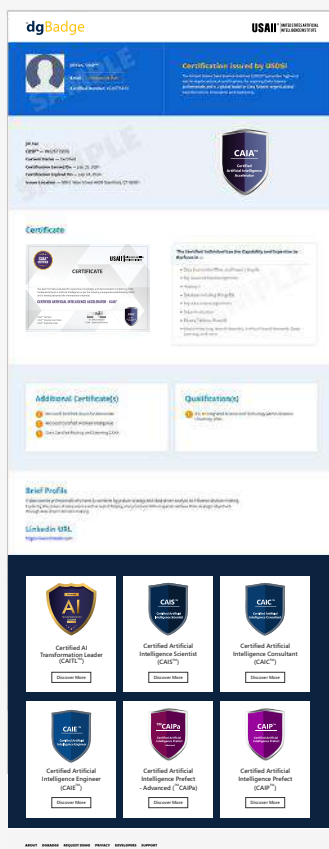
This program is for **students** and **working professionals** who are interested to learn AI or begin their career in AI.

NO WORK EXPERIENCE IS REQUIRED.

Getting The CAIA™

The world-renowned CAIA™ certification must be earned through the well-crafted certification process by USAII®.

The process is simple and is carried out through eight steps. Below is the representation of the process.

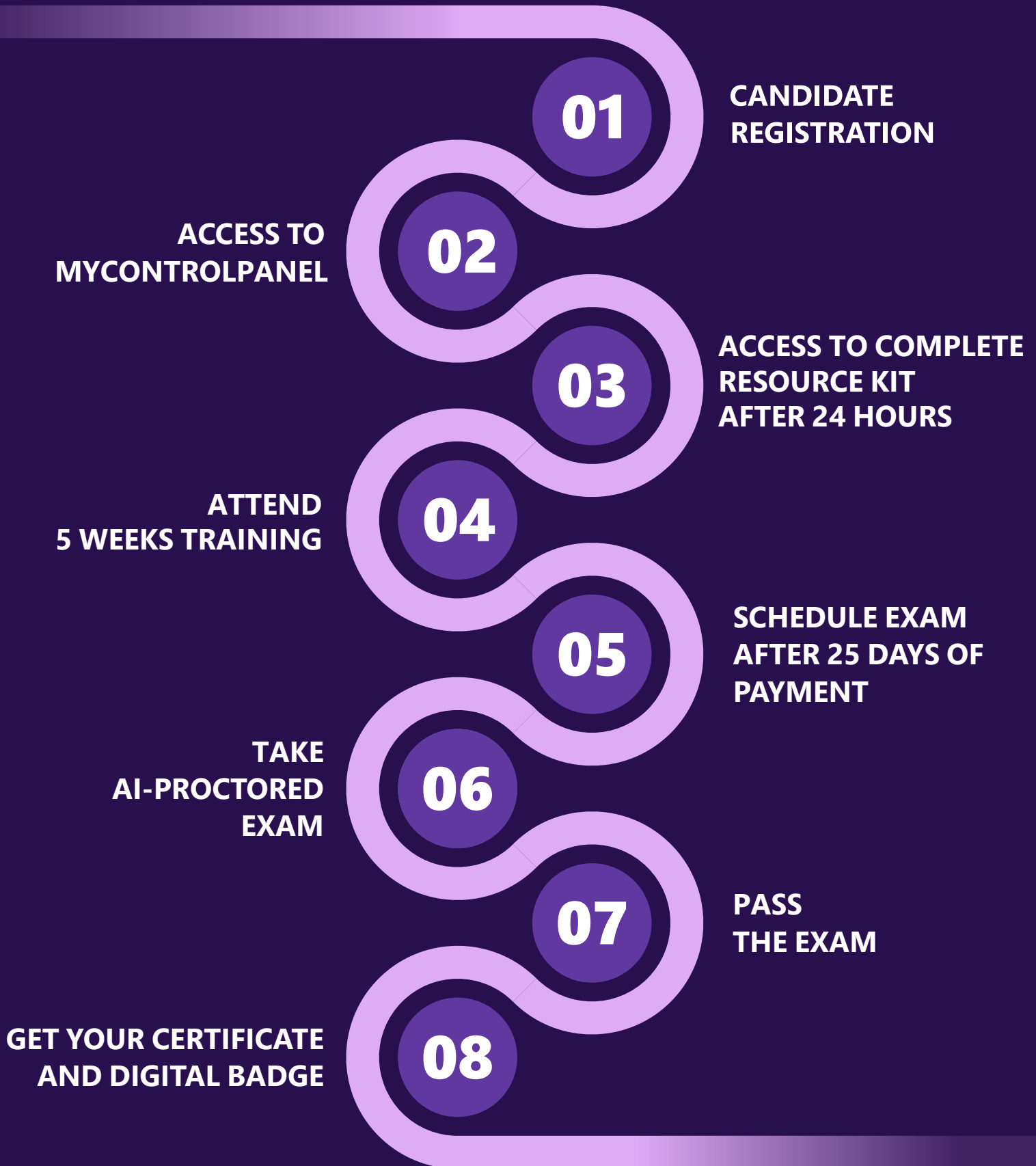


The Digitally Badged CAIA™

On completion of your certification program, you will be awarded your CAIA™ certificate and you will also receive a world-class digital badge. This digital badge can be showcased across various channels and platforms such as Facebook, Instagram, X, emails, chats, etc.



THE CAIA™ CERTIFICATION PROCESS



EXAMINATION **COVERAGE INFORMATION**

According to the latest studies done by USAII®, Artificial Intelligence's demand is increasing at a rapid pace with new roles such as AI and ML developers, AI engineers, AI consultants, AI architects, AI scientists, CAIO (Chief AI Officer), and many.

Therefore, at USAII®, we analyzed this trend and concluded that a candidate with the right knowledge and skills could choose any demanding Artificial Intelligence role.

The CAIA™ program curriculum is meticulously planned and designed to counter any demands of emerging AI job roles, internships, and part-time jobs.

AI Foundations and Key Concepts		25%
<ul style="list-style-type: none"> ✓ Understanding Artificial Intelligence ✓ Growth Phases of AI ✓ Deep Learning Fundamentals 	<ul style="list-style-type: none"> ✓ Essential Components of AI ✓ The Power of Machine Learning ✓ Natural Language Processing 	
Applied AI: Systems, Vision, and Ethics		15%
<ul style="list-style-type: none"> ✓ Recommender Systems: Smart Suggestions ✓ Responsible AI 	<ul style="list-style-type: none"> ✓ Computer Vision: Seeing through Machines ✓ Data Infrastructure for ML 	
Core Concepts in Python Programming		25%
<ul style="list-style-type: none"> ✓ Python Programming Essentials ✓ Organizing Data in Python ✓ Understanding Python Functions ✓ Classes and Objects in Python 	<ul style="list-style-type: none"> ✓ Getting Started with Python ✓ Managing Files with Python ✓ Exception Handling 	

EXAMINATION **COVERAGE INFORMATION**

Mastering Code Libraries and Interfaces	20%
<ul style="list-style-type: none">✔ Utilizing Python Modules and Libraries✔ Visualizing with Turtle Graphics✔ Troubleshooting and Testing Code	<ul style="list-style-type: none">✔ Creating Visuals and Interfaces✔ Game Programming Essentials
AI in Action: Innovation, Communication, and Efficiency	15%
<ul style="list-style-type: none">✔ Generative AI: Pushing Creative Boundaries✔ Effective Prompting for AI	<ul style="list-style-type: none">✔ Decoding ChatGPT: Conversational AI Explained✔ AI for Everyday Efficiency

RESOURCE CENTER

USAII[®] provides the students with a meticulously developed 'resource center' which is vetted and verified by the world-renowned 'USAII[®] Artificial Intelligence Advisory Board (AIAB)' that comprises the best subject matter experts and influencers of AI, ML, and Data Science like CTOs, CIOs, Head of Technology, Delivery Directors, AI,



ML and Robotics Influencers, Data Scientists, Technology Leaders, and many from fortune 500 companies. However, the program is designed such that the young minds require only 1 hour per day to grab the essential knowledge and get certified. We update our curriculum at regular intervals to stay relevant and reflect the trend of AI, ML, and related technologies.

STUDY BOOK

The resource center includes USAII[®] Study-Book 1 and Study-Book 2 – both of these e-books cover the essentials of Artificial Intelligence, Machine Learning, and relevant topics like robotics, AR, VR, Deep Learning, and more specially designed for the CAIA[™] candidates.

VIDEOS

You'll get to view and learn from the world-class e-learning program for CAIA[™] certification, which includes a relevant collection of self-paced videos that will help you know the elementary and relevant Artificial Intelligence/ Machine Learning and how to build your knowledge of it.

WORKSHOPS

The CAIA[™] e-learning program also includes the workshops to help you put your learning into practice and prepare you for the real challenges at the beginner level.



USAI® | UNITED STATES ARTIFICIAL
INTELLIGENCE INSTITUTE

UNLEASH YOUR AI POTENTIAL

WITH CERTIFIED ARTIFICIAL INTELLIGENCE
ACCELERATOR – (CAIA™)

The United States Artificial Intelligence Institute (USAI) is the world's leading Artificial Intelligence certifications provider for aspiring professionals and leaders at any stage of their career, organizations, institutions, academia, or governments, looking to upskill and reskill their expertise in the ever-evolving Artificial Intelligence domain.



LOCATIONS

SG TVET GROUP BHD

Lot D-00-03A, Putra Majestik Business Centre
Jalan Kasipillay, Off Jalan Sultan Azlan Shah,
51200 Kuala Lumpur, Malaysia.

No 2B-12-3, Plaza Sentral, Blok B,
Jalan Stesen Sentral 5,
Kuala Lumpur 50470



ai.sgacademy.edu.my