

Digital Transformation & AI Practitioner Program

CAIP® Readiness Track

SCHEDULE DETAILS

Duration	Date	Time	Total Hours	Language	Format
12 Days	Sep 20 – Oct 14	6:00 PM – 9:00 PM	36 Training Hrs.	English	In-Person

PROGRAM DESCRIPTION

The Digital Transformation & AI Practitioner Program – CAIP® Readiness Track is a 12-day professional program designed for mid-career professionals. It equips participants with the strategic, technical, and applied knowledge required to lead AI-enabled digital transformation initiatives. The program combines digital transformation strategy with core artificial intelligence and machine learning foundations, while preparing participants to confidently pursue the Certified Artificial Intelligence Practitioner (CAIP®) certification.

This program is fully aligned with the official CertNexus Certified Artificial Intelligence Practitioner (CAIP®) curriculum and prepares participants to confidently sit for the CAIP® certification exam. Certification is awarded by CertNexus upon successful exam completion. CertNexus is a globally recognized certification body focused on cutting-edge technologies, offering internationally respected credentials in artificial intelligence, data science, and digital innovation, designed to equip professionals with future-ready, high-impact skills.

For more information, please visit

<https://certnexus.com/>

TARGET AUDIENCE

This program is intended for:



Mid-career professionals-involved
In digital transformation initiative

IT, data, and analytics professionals
working with AI-driven solutions



Business leaders, managers,
And transformation leads

Individuals preparing to pursue
The CAIP® certification



Professionals responsible
For strategy, innovation, or
technology-enabled change

PROGRAM OBJECTIVES

By the end of the program, participants will be able to:

①

Plan and lead AI-enabled digital
Transformation initiative

②

Translating business problems
into AI and data-driven use cases

③

Understand data preparation, machine
learning models, AI workflows

④

Evaluate, deploy, & govern AI
Solutions responsibly & ethically

⑤

Integrate AI capabilities into
Organization transformation program

⑥

Be fully prepared to sit for the
CAIP® certification exam

12 -Day Integrated Program Structure

Digital Transformation + CAIP® Aligned



PHASE 1 DIGITAL TRANSFORMATION FOUNDATIONS

Days 1-3 | 9 Hours

- ▶ Digital Transformation Strategy & Business Models
- ▶ Emerging Technologies Ecosystem (AI, Cloud, Big Data, IoT)
- ▶ Digital Culture, Change Management & Adoption

PHASE 2 CAIP CORE – BUSINESS & DATA FOUNDATIONS

Days 4-6 | 9 Hours

- ▶ Solving Business Problems with AI (CAIP Domain 1)
- ▶ Data Collection, Cleaning & Preparation (CAIP Domain 2)
- ▶ Feature Engineering & Data for Machine Learning (CAIP Domain 2)

PHASE 3 CAIP CORE – MACHINE LEARNING & MODEL DEVELOPMENT

Days 7-9 | 9 Hours

- ▶ AI Deployment, Integration & AI Project Lifecycle (CAIP Domain 4)
- ▶ AI Ethics, Risk, Privacy & Governance (CAIP Domain 5)
- ▶ Industry Applications + CAIP® Exam Readiness & Practice (CAIP Domain 6)

PHASE 3 CAIP CORE – MACHINE LEARNING & MODEL DEVELOPMENT

Days 10-12 | 9 Hours

- ▶ Machine Learning Models: Regression, Classification & Clustering (CAIP Domain 3)
- ▶ Neural Networks, NLP & Computer Vision (CAIP Domain 3)
- ▶ Model Training, Evaluation & Performance Metrics (CAIP Domain 4)