

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Course-specific thinQtank® Learning publications to make the learning fun and engaging
- Hands-on labs in the AWS Management Console, Amazon Bedrock and Amazon SageMaker AI
- **We do not teach the test.** We always deliver valuable hands-on experience
- All reading material and study guides sent to you when you register
- Every course taught by AWS-certified practitioners
- Six months mentoring access to our engineers after the course

TRAINING CAMP FORMAT

thinQtank® Learning delivers this course as a **two-day instructor-led training camp**, Monday to Tuesday. About 60% lecture and 40% hands-on labs. Contact us for the schedule covering your dates.

PREREQUISITES

- No certification is required
- Up to six months of exposure to AI or machine learning on AWS is recommended
- Familiarity with core AWS services (EC2, S3, Lambda, IAM) is helpful; new to AWS? We send a pre-course AWS primer

TARGET AUDIENCE

- Business analysts and line-of-business professionals
- IT support and IT professionals
- Product, project and program managers
- Sales, marketing and cloud professionals working with AI

CERTIFICATION

This course prepares you for the AWS Certified AI Practitioner (AIF-C01) exam.

Delivery	Pearson VUE test center or online proctored
Format	65 questions, 90 minutes, pass at 700 (100–1,000)
Exam fee	\$100, set by AWS
Renewal	Valid three years

COURSE OVERVIEW

thinQtank® Learning is offering a unique two-day training camp comprised of two days of instructor-led learning that gives students the knowledge and skills needed to explain AI, machine learning and generative AI concepts, pick the right AWS services for an AI use case, design foundation model applications with Amazon Bedrock and Amazon SageMaker AI, write and evaluate prompts, and apply responsible AI, security and governance practices.

The camp follows the five domains of the official AWS AIF-C01 exam guide, with hands-on work in the AWS Management Console and Amazon Bedrock throughout.

This course prepares you for **the AWS Certified AI Practitioner (AIF-C01) exam**.

WHAT YOU WILL BE ABLE TO DO

- Explain core AI, ML and deep learning concepts and terminology
- Identify practical AI/ML use cases and describe the ML development lifecycle
- Explain generative AI concepts, capabilities and limitations for business problems
- Describe AWS infrastructure and services for generative AI, including Amazon Bedrock and SageMaker AI
- Apply design considerations, prompt engineering, fine-tuning and evaluation methods for foundation model applications
- Describe responsible AI practices, including fairness, transparency and explainability
- Explain methods to secure AI systems and the governance and compliance requirements that apply to them

EXCLUSIVE LEARNING PACKAGE

- AIF-C01 reading plan and review guide
- AI Practitioner practice exams
- Lab guide you keep after the course
- Course video recordings for review

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

AI CERTIFICATION TRAINING PATHS

Foundations

AWS AI Practitioner · Azure AI Fundamentals

Use AI: business, IT and early-career

Build AI

AWS ML Engineer · Google ML Engineer · AI-103 · NVIDIA LLMs

Developers and ML engineers

Secure AI

CompTIA SecAI+ · ISACA AAISM

Security practitioners and leaders

Govern & Audit AI

ISACA AAIA · IAPP AIGP

Audit, privacy, legal and compliance

Lead AI

PMI-CPMAI · EC-Council C|AIPM

Project, program and business leaders

COURSE MODULES

01 Introduction to AI, ML and Deep Learning

03 The ML Development Lifecycle and MLOps Basics

05 Generative AI Capabilities, Limitations and Business Value

07 Designing Foundation Model Applications (RAG, Agents)

09 Training, Fine-Tuning and Customizing Foundation Models

11 Responsible AI: Fairness, Bias and Explainability

13 AI Governance and Compliance

02 AI/ML Use Cases and Problem Framing

04 Generative AI Fundamentals (Tokens, Embeddings, Transformers)

06 AWS Infrastructure and Services for Generative AI

08 Prompt Engineering Techniques

10 Evaluating Foundation Model Performance

12 Securing AI Systems on AWS

14 Exam Review and Practice

TERMS

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