

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 Microsoft Foundry, Azure AI Search and the Foundry SDK for Python
- **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 Microsoft Certified Trainers and Azure AI developers
- Six months mentoring access to our engineers after the course

TRAINING CAMP FORMAT

thinQtank[®] Learning delivers this course as a **four-day instructor-led training camp**, Monday to Thursday. About 45% lecture and 55% hands-on labs. Contact us for the schedule covering your dates.

PREREQUISITES

- No certification is required
- Experience developing applications in Python
- Familiarity with generative AI, Azure services, APIs and SDKs

TARGET AUDIENCE

- Azure AI engineers
- Software developers building AI apps
- AI agent developers
- Solutions engineers

CERTIFICATION

This course prepares you for the Microsoft Azure AI Apps and Agents Developer Associate (AI-103) exam.

Delivery	Pearson VUE test center or online proctored
Format	120 minutes; pass at 700
Exam fee	\$165, set by Microsoft
Renewal	Every year, free online assessment

COURSE OVERVIEW

thinQtank[®] Learning is offering a unique four-day training camp comprised of four days of instructor-led learning that gives students the knowledge and skills needed to plan, deploy and secure Azure AI solutions in Microsoft Foundry, build generative AI apps with retrieval-augmented generation, build and orchestrate single and multi-agent solutions with tools and memory, and implement vision, text, speech and document-extraction workloads with responsible AI guardrails.

The camp follows the skills measured for AI-103 (Developing AI Apps and Agents on Azure), the developer exam that followed the retired AI-102, with hands-on labs in Microsoft Foundry and Python throughout.

This course prepares you for **the Microsoft Azure AI Apps and Agents Developer Associate (AI-103) exam**.

WHAT YOU WILL BE ABLE TO DO

- Choose Foundry services and models and plan, deploy and secure an Azure AI solution
- Monitor quotas, cost, performance and drift; secure with managed identity and private networking
- Apply responsible AI with safety filters, guardrails, evaluators and governance
- Build generative AI apps with RAG and multistep workflows in Microsoft Foundry
- Build and orchestrate single- and multi-agent solutions with tools, memory and approvals
- Implement computer vision, image generation and multimodal understanding
- Implement text analysis and speech workflows
- Build retrieval/grounding pipelines and document extraction with Azure Content Understanding

EXCLUSIVE LEARNING PACKAGE

- AI-103 reading plan and review guide
- AI Apps and Agents Developer 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 Planning an Azure AI Solution in Microsoft Foundry	02 Deploying Models and Agents with CI/CD
03 Managing, Monitoring and Securing AI Solutions	04 Responsible AI, Guardrails and Evaluation
05 Building Generative AI Apps	06 Retrieval-Augmented Generation (RAG)
07 Building AI Agents with Tools and Memory	08 Multi-Agent Orchestration and Observability
09 Image and Video Generation	10 Multimodal Vision Understanding
11 Text Analysis with LLMs and Foundry Tools	12 Speech Solutions
13 Retrieval, Indexing and Azure AI Search	14 Document Extraction with Content Understanding

EXAM DOMAINS		
Plan and manage an Azure AI solution		25–30%
Implement generative AI and agentic solutions		30–35%
Computer vision		10–15%
Text analysis		10–15%
Information extraction		10–15%

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LEARNING

TERMS

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