

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 and the Foundry SDK
- **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 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 55% lecture and 45% hands-on labs. Contact us for the schedule covering your dates.

PREREQUISITES

- No certification is required
- Some Python syntax knowledge is recommended
- Basic cloud concepts and familiarity with Azure resources, REST APIs and SDKs are helpful

TARGET AUDIENCE

- IT professionals moving into AI
- Developers new to AI
- Early-career and aspiring AI engineers
- Students and career changers

CERTIFICATION

This course prepares you for the Microsoft Azure AI Fundamentals (AI-901) exam.

Delivery	Pearson VUE test center or online proctored
Format	Pass at 700; question count is not published by Microsoft
Exam fee	Set by Microsoft per country
Renewal	Fundamentals certifications do not expire

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 describe AI workloads and responsible AI principles, explain how generative AI models work, deploy and prompt models in Microsoft Foundry, build a simple chat app and a single-agent solution, and use Foundry tools for text, speech, vision and information extraction.

The camp follows the skills measured for AI-901, which replaced AI-900 as the Azure AI Fundamentals exam, with hands-on work in Microsoft Foundry throughout.

This course prepares you for **the Microsoft Azure AI Fundamentals (AI-901) exam**.

WHAT YOU WILL BE ABLE TO DO

- Describe responsible AI principles: fairness, reliability and safety, privacy and security, inclusiveness, transparency, accountability
- Explain how generative AI models work and choose and configure models for a scenario
- Identify AI workloads: generative and agentic AI, text analysis, speech, computer vision, information extraction
- Write system and user prompts, deploy models in the Foundry portal and build a chat client with the Foundry SDK
- Create a single-agent solution in Microsoft Foundry
- Build text analysis and speech applications with Azure Speech in Foundry Tools
- Build vision and image-generation apps and extract information with Azure Content Understanding

EXCLUSIVE LEARNING PACKAGE

- AI-901 reading plan and review guide
- Azure AI Fundamentals 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 and AI Workloads	02 Responsible AI Principles
03 How Generative AI Models Work	04 Choosing, Deploying and Configuring Models
05 Getting Started with Microsoft Foundry	06 Prompt Engineering and Chat Apps with the Foundry SDK
07 Building AI Agents in Microsoft Foundry	08 Text Analysis Solutions
09 Speech Recognition and Synthesis	10 Computer Vision and Multimodal Models
11 Image Generation	12 Information Extraction with Azure Content Understanding
13 Exam Review and Practice Assessment	

EXAM DOMAINS		
Identify AI concepts and capabilities		40–45%
Implement AI solutions by using Microsoft Foundry		55–60%



TERMS

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