

Prepare for AI-901. Practice Azure AI.

Complete curriculum. Microsoft Certified Trainer guidance.
Hands-on learning from lesson one.

THE DIFFERENCE

Practice every lesson in a guided simulation—
without setting up or paying for an Azure
subscription.

Covers: Responsible AI • Generative AI • NLP • Speech • Computer Vision • Info Extraction • Machine Learning • AI Agents

10 LABS

8 LAB
WALK-
THROUGHS

2 BONUS
SECTIONS

MCT CERTIFIED
TRAINER



Learn it. Practice it. Walk into the exam with confidence.

START LEARNING →

MEET YOUR INSTRUCTOR • PRACTICAL AZURE AI

Learn Azure AI from 25+ years of real-world experience.

James Dethwick • Microsoft Certified Trainer • Azure Solutions Architect Expert

25+

years in technology consulting

21

Microsoft exams completed

MCT

Microsoft Certified Trainer

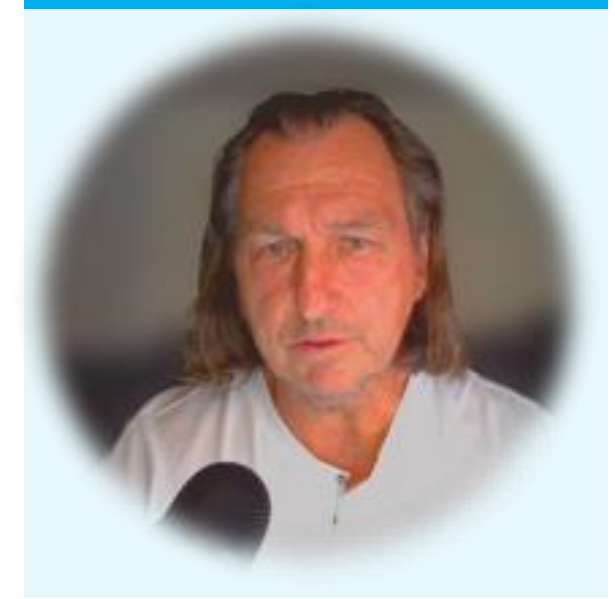
43397

Microsoft MCID

WHAT THIS EXPERIENCE MEANS FOR YOU

- **EXAM CLARITY** Complex terms explained in clear, exam-ready language.
- **PRACTICAL CONTEXT** The reasoning behind each concept—not memorization alone.
- **REAL IMPLEMENTATION** Guidance that connects Azure AI services to how they are used.

Learn it. Practice it. Walk into the exam with confidence.



JAMES DETHWICK

MCT • MCID 43397
Azure AI Fundamentals • AWS Architect

A broader cloud perspective

Azure architecture, security, training, and AWS certification experience.

LET'S GET STARTED →

AI-901

Introduction to AI in Azure

Build real AI skills with Microsoft Foundry – step by step, from your first lesson to exam day.

Guided lessons

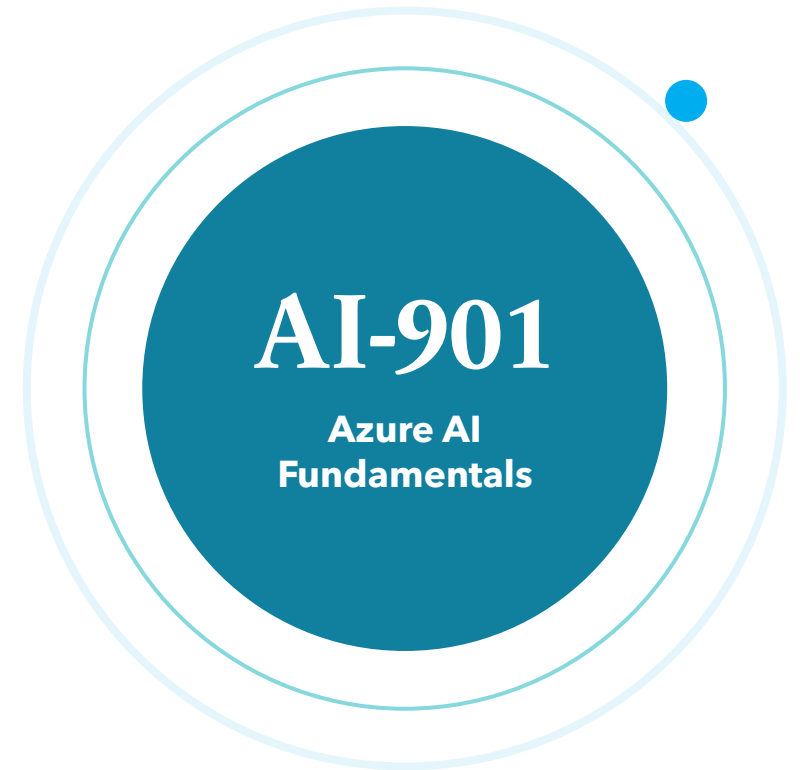
Clear, step-by-step modules

Hands-on simulations

Practice real Azure AI tasks

Exam-focused

Aligned to AI-901 objectives



Learn it. Practice it. Walk into the exam with confidence.

Six exam-ready skills. Built hands-on in Foundry.

After completing this course, you will be able to:

01 AI WORKLOADS

Describe artificial intelligence workloads and how Microsoft Foundry supports them in Azure.

02 GENERATIVE AI & AGENTS

Describe how generative AI and agents work and create an agent in Microsoft Foundry.

03 NATURAL LANGUAGE

Describe natural language processing techniques for text analysis and use Azure Language in Foundry Tools.

04 SPEECH

Describe how computer speech works and use Azure Speech in Foundry Tools.

05 COMPUTER VISION

Describe how computer vision works and use vision-capable models in Foundry.

06 INFORMATION EXTRACTION

Describe how information extraction solutions work and use Azure Content Understanding in Foundry Tools.

Learn it. Practice it. Walk into the exam with confidence.

Ten steps. One clear path. From fundamentals to exam day.

Six core lessons plus two bonus sections, from introduction to conclusion.

01 **WELCOME**
Introduction

02 **CORE LESSON**
Get started with AI in Azure

03 **CORE LESSON**
Get started with generative AI and agents

04 **CORE LESSON**
Get started with language and text analytics

05 **CORE LESSON**
Get started with speech

06 **CORE LESSON**
Get started with computer vision

07 **CORE LESSON**
Get started with information extraction

08 **GO FURTHER**
BONUS: Machine Learning

09 **GO FURTHER**
BONUS: AI Agent Workflow

10 **WRAP-UP**
Conclusion

Learn it. Practice it. Walk into the exam with confidence.

Short lessons. Real hands-on practice.

Presentations plus guided exercises for every core lesson.

Lesson	Presentation	Exercise(s)
Introduction	5 minutes	—
Get started with AI in Azure	30 minutes	30 minutes
Get started with generative AI and agents	40 minutes	35 minutes
Get started with language and text analytics	30 minutes	20 minutes
Get started with speech	30 minutes	25 minutes
Get started with computer vision	30 minutes	30 minutes
Get started with information extraction	30 minutes	25 minutes
BONUS: Machine Learning	40 minutes	35 minutes
BONUS: AI Agent Workflow	40 minutes	35 minutes

Learn it. Practice it. Walk into the exam with confidence.

GUIDED SIMULATIONS • NO AZURE SUBSCRIPTION REQUIRED

23 guided simulations. Practice every step.

AI-901 CURRENT EXAM • 10 SIMULATIONS

AI-901 Simulation Lesson
01_Get_started_with_Microsoft_Foundry
02_Get started with generative AI and agents
03_Get started with text analysis in Microsoft Foundry
04 Get started with speech in Microsoft Foundry
05_Get started with computer vision in Microsoft Foundry
06_Get started with information extraction in Microsoft Foundry
07_Get_started_with_Machine_Learning_URL
07_Get_started_with_Machine_Learning_Website
08_Get_started_with_Agent_Workflow
08-Get started with Foundry IQ in Microsoft Foundry

AI-900 ALSO INCLUDED • 13 SIMULATIONS

AI-900 Simulation Lesson
01-AI-900-Explore-Foundry
02-AI-900-coding-generative-ai
03-AI-900-NLP-text-analysis
04-AI-900-speech-Part1
04-AI-900-speech-Part2
04-speech
05-AI-900-Image-Analysis
05-Image-Analysis
06_Get started with information extraction in Microsoft Foundry Optional
06-AI-900-Content-Understanding-Extraction
06-Content-Understanding-Optional
01 - Introduction to Microsoft Foundry
02-generative-ai

Learn it. Practice it. Walk into the exam with confidence.

Access your course material

All course content is available on Microsoft Learn.

- We'll go through this content together and, as the course progresses, I will advise you on which modules to review.
- You can provide feedback for modules on Microsoft Learn. Find out how at the bottom of each page.

learn.microsoft.com/training/courses/browse



Need help? See our [troubleshooting guide](#) or provide feedback for [Microsoft Learn content](#).

This course includes labs:

Detailed lab instructions are included in your lab environment.

<https://github.com/MicrosoftLearning/mslearn-ai-fundamentals/blob/main/mapping.md>

Lab Simulations are located here:

<https://upresenter.ai/>
Code= <Per lesson>

Become Microsoft Certified



91% of certified IT professionals feel more confident in their abilities after earning certifications¹

Get recognized by earning industry validation for technical knowledge. Ensure you stay current with the necessary skills and expertise for continued success.

Start at

learn.microsoft.com/credentials

¹ "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023 ² Microsoft fundamentals certifications don't expire

Get ready for your Microsoft Exam

Exam AI-901: Microsoft Azure AI Fundamentals: For this exam, you should have conceptual knowledge of AI solutions in Azure and the foundational technical skills to work with them. You also need knowledge of Python coding syntax and programming techniques, and you should be familiar with Azure resources.

Understand the skills measured by the credential

Study Area	Percentage
Identify AI concepts and capabilities	40%
Implement AI solutions with Microsoft Foundry	60%

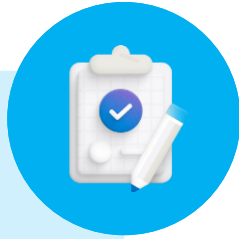
Build confidence in your skills

Find helpful resources to help you prepare:



- Watch exam prep videos
- Review the exam study guide
- Demo the exam experience with the exam sandbox
- Take a practice assessment

Summary



Let's get started!