AI-901T00: Introduction to AI in Azure

Category: AI, Data & Analytics | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Related Exam: AI-901

Course Overview

This course introduces fundamental concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions. It teaches a mix of AI concepts and technology skills that are considered foundational to a successful career implementing AI solutions on Microsoft Azure.

About This Course

This course introduces fundamental concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions. It teaches a mix of AI concepts and technology skills that are considered foundational to a successful career implementing AI solutions on Microsoft Azure.

Who Should Attend

This course is for aspiring technology professionals at the beginning of their career in AI solution development. Some knowledge of Python coding syntax and programming techniques is useful. Additionally, knowledge of core cloud concepts, including cloud storage, cloud compute, and cloud-based authentication and authorization is recommended.

Prerequisites & Entry Requirements

General Prerequisites:

There are no required prerequisites. Success in this course is supported by:

- Experience using computers and the internet
- Interest in AI workloads and applications
- A basic understanding of math (interpreting charts, simple probability)
- Familiarity with fundamental programming concepts (helpful but not required)

Detailed Course Outline

1 - Introduction to AI concepts

- Generative AI and agents
- Text and natural language
- Speech
- Computer vision
- Information extraction
- Responsible AI
- Module assessment

2 - Introduction to generative AI and agents

- Large language models (LLMs)
- Prompts
- AI agents
- Module assessment

3 - Introduction to natural language processing concepts

- Tokenization
- Statistical text analysis.
- Semantic language models
- Module assessment

4 - Introduction to AI speech concepts

- Speech-enabled solutions
- Speech recognition
- Speech synthesis
- Module assessment

5 - Introduction to computer vision concepts

- Computer vision tasks and techniques
- Images and image processing
- Convolutional neural networks
- Vision transformers and multimodal models
- Image generation
- Module assessment

6 - Introduction to AI-powered information extraction concepts

- Overview of information extraction
- Optical character recognition (OCR)
- Field extraction and mapping
- Module assessment

7 - Get started with AI in Azure

- Understand Azure
- Developing AI apps on Azure
- Microsoft Foundry for AI
- Using Microsoft Foundry endpoints

8 - Get started with generative AI and agents in Azure

- Generative AI models
- Using a generative AI model
- Creating an agent

9 - Get started with text analysis in Azure

- Azure Language
- Azure Language SDK
- Azure Language MCP
- Module assessment

10 - Get started with speech in Azure

- Speech recognition
- Speech synthesis
- Creating a speech-capable agent
- Module assessment

11 - Get started with computer vision in Azure

- Multimodal models for image analysis
- Image generation models
- Video generation models
- Module assessment

12 - Get started with AI-powered information extraction in Azure

- Extract information from documents
- Extract information from audio and video
- Module assessment

Upcoming Schedule

Available training dates for AI-901T00: Introduction to AI in Azure:

Start Date	End Date	Location	Delivery	Price
20 Nov 2026	20 Nov 2026	Online	Virtual	€695.00
14 Dec 2026	14 Dec 2026	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for AI-901T00: Introduction to AI in Azure?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: Which exam does this course prepare me for?

This course prepares you for the AI-901 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day AI-901T00: Introduction to AI in Azure course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AI-901T00: Introduction to AI in Azure training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AI-901T00: Introduction to AI in Azure?

Yes, we provide corporate training, dedicated training, and closed classes for AI-901T00: Introduction to AI in Azure. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: AI-901T00: Introduction to AI in Azure, Microsoft, vILT, AI-901T00

Q: Why choose Nexus Human for AI-901T00: Introduction to AI in Azure?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AI-901T00: Introduction to AI in Azure training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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