

BUILD AN AZURE AI VISION SOLUTION WITH AZURE AI SERVICES (AI-3004)

Course Code: 834029

Computer vision is an area of artificial intelligence that deals with visual perception. Azure AI Vision includes multiple services that support common computer vision scenarios.

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What You'll Learn

Students will learn to,

- Analyze images
- Image classification with custom Azure AI Vision models
- Detect, analyze, and recognize faces
- Read Text in images and documents with the Azure AI Vision Service
- Analyze video

Who Needs to Attend

- AI Professionals
- Database Professionals

Prerequisites

Before starting this learning path, you should already have:

- Familiarity with Azure and the Azure portal.
- Experience programming with C# or Python. If you have no previous programming experience, we recommend you complete the Take your first steps with C# or Take your first steps with Python learning path before starting this one.

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CLASSROOM LIVE

\$675 USD

1 Day

Classroom Live Outline

Module 1: Analyze images

- Provision an Azure AI Vision resource
- Analyze an image
- Generate a smart-cropped thumbnail

Module 2: Image classification with custom Azure AI Vision models

- Create a custom Azure AI Vision classification model
- Understand image classification
- Understand object detection
- Train an image classifier in Vision Studio

Module 3: Detect, analyze, and recognize faces

- Identify options for face detection, analysis, and identification.
- Understand considerations for face analysis.
- Detect faces with the Computer Vision service.
- Understand capabilities of the Face service.
- Compare and match detected faces.
- Implement facial recognition.

Module 4: Read Text in images and documents with the Azure AI Vision Service

- Read text from images using OCR
- Use the Azure AI Vision service Image Analysis with SDKs and the REST API
- Develop an application that can read printed and handwritten text

Module 5: Analyze video

- Describe Azure Video Indexer capabilities
- Extract custom insights
- Use Azure Video Indexer widgets and APIs

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VIRTUAL CLASSROOM LIVE

\$675 USD

1 Day

Virtual Classroom Live Outline

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- Create a custom Azure AI Vision classification model
- Understand image classification
- Understand object detection
- Train an image classifier in Vision Studio

Module 3: Detect, analyze, and recognize faces

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- Understand considerations for face analysis.
- Detect faces with the Computer Vision service.
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- Read text from images using OCR
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Module 5: Analyze video

- Describe Azure Video Indexer capabilities
- Extract custom insights
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Jun 17 - 17, 2025 | 9:00 AM - 5:00 PM EDT

Aug 13 - 13, 2025 | 9:00 AM - 5:00 PM EDT



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PRIVATE GROUP TRAINING

1 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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