# Build an Azure AI Vision Solution with Azure AI Services (AI-3004)

## COURSE OVERVIEW
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. This learning path helps prepare you for Exam AI-102: Designing and Implementing a Microsoft Azure AI Solution.

## WHO WILL BENEFIT FROM THIS COURSE?
- 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.

## COURSE OBJECTIVES
In this course, you'll learn:
- 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

## COURSE OUTLINE
Module 1: Analyze images
- With the Azure AI Vision service, you can use pre-trained models to analyze images and extract insights and information from them.

Module 2: Image classification with custom Azure AI Vision models
- Classify images by training a custom model with Azure AI Vision.

Module 3: Detect, analyze, and recognize faces
- The ability for applications to detect human faces, analyze facial features and emotions, and identify individuals is a key artificial intelligence capability.

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

- Azure's AI Vision service uses algorithms to process images and return information. This module teaches you how to use the Image Analysis API for optical character recognition (OCR).

Module 5: Analyze video

- Azure Video Indexer is a service to extract insights from video, including face identification, text recognition, object labels, scene segmentations, and more.

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What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

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- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience
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**Enhanced Learning Experience**

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

**Convenient and Reliable Training Experience**

- You have the option to attend classes live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

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- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

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