

# AI-3004: Build an Azure AI Vision solution with Azure AI Services

**Duration: 01 days (08 hours)**

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## **Learning objectives:**

After completing this course, students will be able to:

- Analyzing and translating text
- Build a question answering solution
- Build a conversational language understanding app
- Custom classification and named entity extraction
- Speech recognition, synthesis, and translation

## **Pre-requisite:**

- Familiarity with Azure AI Services and the Azure portal.
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## **Module 01: Analyze and manipulate images**

- Understand features and functionality of Image Analysis
- Perform Optical Character Recognition (OCR)
- Connect an app to Image Analysis APIs

## **Module 02: Detecting Faces with the Azure AI Vision**

- Understand features, use cases, and responsibility of the Azure AI Vision Face AP
- Use the Face API in an app

## **Module 03: Custom vision models with Azure AI Custom**

- Understand use cases of Custom Vision models
- Label data for both image classification and object detection
- Use a custom vision model in an app

## **Module 04: Analyzing Videos**

- Analyze a video
- Use Video Indexer widgets
- Use the Video Indexer API