

KOENIG SOLUTIONS · COURSE OUTLINE

AI-3004: Develop Computer Vision Solutions in Azure

Learn to build computer vision solutions in Azure, from image analysis and face detection to custom vision models and video indexing.

1 Day

8 HOURS A DAY

4

MODULES

11

TOPICS

COURSE OVERVIEW

This course covers analysing and manipulating images, including optical character recognition and connecting applications to Image Analysis APIs. It then addresses detecting faces with the Azure AI Vision Face API and using this API within an application. The course also covers building and labelling custom vision models for image classification and object detection, before turning to analysing videos with Video Indexer widgets and the Video Indexer API.

WHO THIS COURSE IS FOR

Application Developers

AI Developers

Cloud Solution Developers

Computer Vision Engineers

PREREQUISITES

- Familiarity with Azure AI Services and the Azure portal.

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

4 Modules, 11 Topics

01

Analyze and Manipulate Images

TOPICS

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

02

Detecting Faces with the Azure AI Vision

TOPICS

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

03

Custom Vision Models with Azure AI Custom

TOPICS

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

04

Analyzing Videos

TOPICS

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

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com

✉ info@koenig-solutions.com