

# AI-900 Microsoft Azure AI Fundamentals, Part 3 of 5: Computer Vision

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**Meet the expert:** Eshant Garg has 16 years of extensive professional experience with expertise in Database and Business Intelligence Solutions, Advanced Analytics, Design and Solution Architect, Reporting, and Cloud Computing Technologies (Azure & AWS).

As a developer and architect, he has worked closely with customers, users, and colleagues to support business solutions across a variety of industries including healthcare, insurance, finance, and government ranging from small companies to fortune 500 companies.

**Prerequisites:** Data science and software engineering experience are not required; however, some general programming knowledge or experience would be beneficial.

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**Course description:** The AI-900 exam is intended for candidates with both technical and non-technical backgrounds to demonstrate knowledge of Machine Learning and AI on the Azure platform.

This course covers the Domain "Describe features of computer vision workloads on Azure (15-20%) "

## Course outline:

### Image Classification vs Object • Summary

#### Detection

- Introduction
- Learning Objectives
- Image Classification vs. Object Detection vs. Sem
- Object Detection
- Semantic Segmentation
- Optical Character Recognition OCR
- Summary

### Face Detection Recognition and Analysis

- Introduction
- Face Detection Recognition and Analysis
- What is Cognitive Services
- What is Computer Vision Services
- Summary

### Computer Vision

- Introduction
- Demo: Computer Vision
- Custom Vision Service
- Demo: Custom Vision Service
- Summary

### Face Service

- Introduction
- Face Service
- Face Detection
- Face Recognition
- Questions
- Form Recognizer Service
- what is Form Recognizer