



## Microsoft Certified: Azure AI Engineer Associate

Candidates for the Azure AI Engineer Associate certification build, manage, and deploy AI solutions that leverage Azure Cognitive Services and Azure Applied AI services. Their responsibilities include participating in all phases of AI solutions development—from requirements definition and design to development, deployment, maintenance, performance tuning, and monitoring. They work with solution architects to translate their vision and with data scientists, data engineers, IoT specialists, and AI developers to build complete end-to-end AI solutions.

### Skills measured

- Plan and manage an Azure Cognitive Services solution
- Implement Computer Vision solutions
- Implement natural language processing solutions
- Implement knowledge mining solutions
- Implement conversational AI solutions

**Our unique model follows a streamlined approach to workforce development and skills attainment**

**Assess:** Assess each student to determine existing skill sets

**Educate:** Deliver goal-specific training utilizing all delivery modalities

**Mentor:** Expose students to instructors and mentors with front-line IT and cybersecurity experience

**Certify:** Certify students with the requisite hands-on skills to perform the tasks related to their functional roles

**Validate:** Validate student abilities through performance analytics and real-world exercises hosted on a cyber range

## Exam Objectives: AI-102

### Designing and implementing a Microsoft Azure AI Solution

Plan and manage an Azure Cognitive Services solution	15-20%
Implement Computer Vision solutions	20-25%
Implement natural language processing solutions	20-25%
Implement knowledge mining solutions	15-20%
Implement conversational AI solutions	15-20%

### Course Outline:

Chapter 1: Introduction to Artificial Intelligence in Azure

Chapter 2: Evaluate text with Azure Cognitive Language Services

Chapter 3: Process and Translate Speech with Azure Cognitive Speech Services

Chapter 4: Process and Classify Images with the Azure Cognitive Vision Services

Chapter 5: Process Natural Language with Azure Cognitive Language Services

Chapter 6: Design Solutions for Data Governance, Compliance, Integrity, and Security

Chapter 7: Design Solutions for the Bot Framework

### Included

40 hours of instructor-led training sessions

Microsoft authorized textbook and class materials

Practice questions and exam study tips