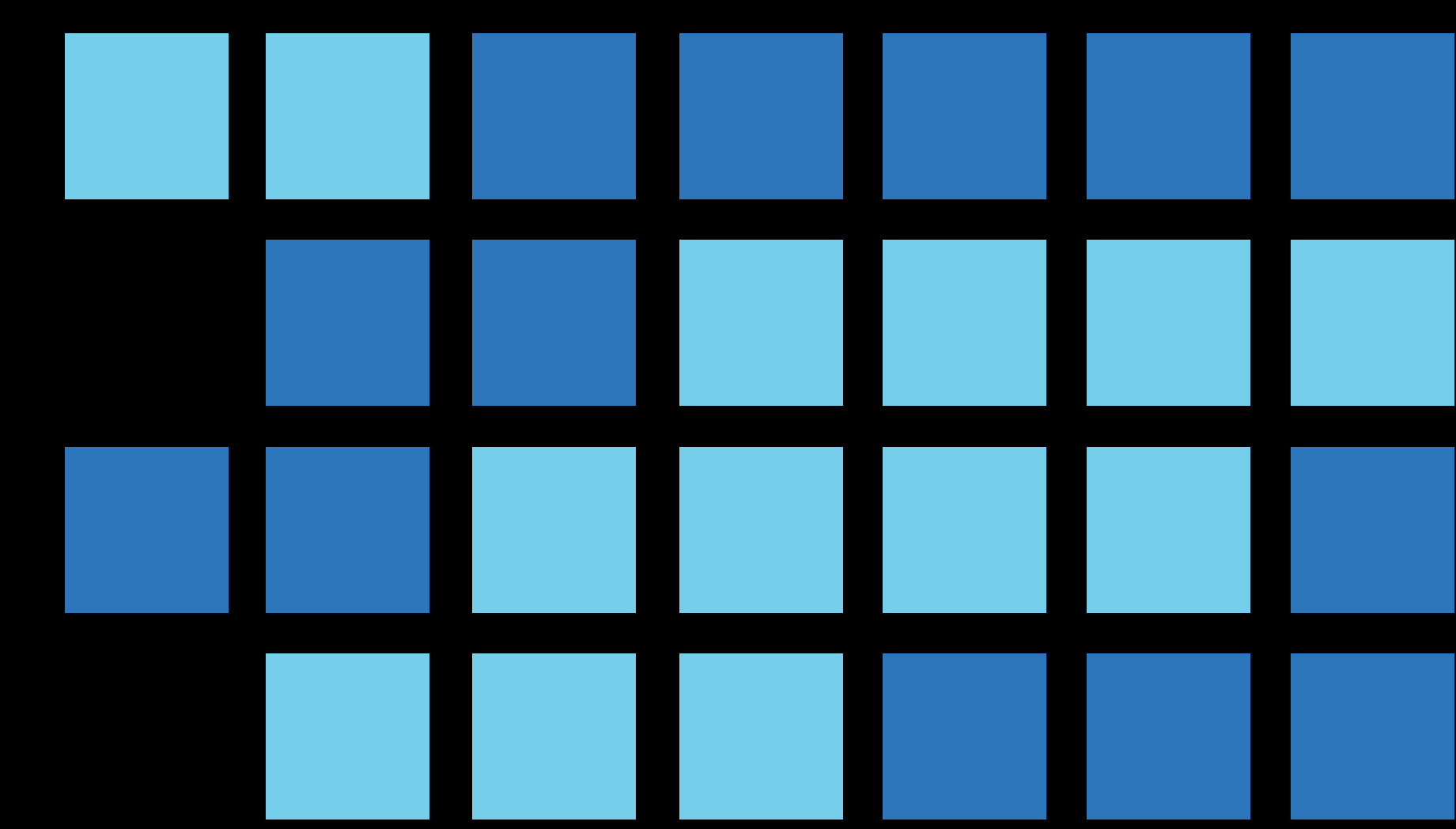# Learning Path for Azure AI Engineer

Azure AI Engineers use Cognitive Services, Machine Learning, and Knowledge Mining to architect and implement Microsoft AI solutions involving natural language processing, speech, computer vision, bots, and agents.

aka.ms/AzureAIEngLearning

In-depth courses

Designing and Implementing an Azure AI Solution
AI-100T01-A

Exam AI-100:
Designing and Implementing an Azure AI Solution

Microlearnings: free interactive tutorials at Microsoft Learn

Introduction to AI on Azure

59min - 1 Module

1. Microsoft Azure Artificial Intelligence (AI) strategy and solutions

Process and classify images with the Azure Cognitive Vision Services

2hr 5min – 3 Modules

1. Identify faces and expressions with the Computer Vision API in Azure Cognitive Services
2. Process images with the Computer Vision service
3. Classify images with the Microsoft Custom Vision Service

Azure Fundamentals

9hr 39min - 12 Modules

1. Principles of cloud computing
2. Introduction to Azure
3. Azure architecture and service guarantees
4. Create an Azure account
5. Manage services with Azure portal
6. Azure compute options
7. Azure data storage options
8. Azure networking options
9. Security, responsibility and trust in Azure
10. Apply and monitor infrastructure standards with Azure Policy
11. Control and organize Azure resources with Azure Resource Manager
12. Predict costs and optimize spending for Azure

Publish a Machine Learning experiment

1hr 6min - 2 Modules

1. Create an Azure Machine Learning Studio Account
2. Create an experiment in Azure Machine Learning Studio

Evaluate text with Azure Cognitive Language Services

2hr 13min – 3 Modules

1. Classify and moderate text with the Azure Content Moderator
2. Create and publish a natural language machine learning model with LUIS
3. Discover sentiment in text with the Text Analytics API

Process and translate speech with Azure Cognitive Speech Services

1hr 34min - 2 Modules

1. Convert Speech to Text with Azure Cognitive Services
2. Recognize specific voices with the Speaker Recognition API in Azure Cognitive Services

Create Intelligent Bots with the Azure Bot Service

2hr 40min – 2 Modules

1. Build a FAQ chat bot with QnA Maker and the Azure Bot Service
2. Build a chat bot with the Azure Bot Service

Become a Microsoft Certified Professional

Certification helps establish your credentials with current and future employers.

Pass certification exam AI-100 to become a Microsoft Certified: Azure AI Engineer Associate

Training options help you learn new skills that may better prepare you for your career and lay the foundation for success on our certification exams. Information subject to change. For the latest information, visit aka.ms/learn.