

AI-100, Microsoft Certified: Azure AI Engineer Associate

An Azure AI engineer works with Data Engineers and Data Scientists to analyze requirements for AI cloud-based and hybrid AI solutions and implements solutions. They are aware of the various components that make up the Microsoft Azure AI portfolio and related open source frameworks and technologies.

This course help prepare for the exam « AI-100 - Designing and Implementing an Azure AI Solution » to obtain the title « Microsoft Certified: Azure AI Engineer Associate ».

Become Microsoft Certified			
Azure			
Last Updated October 2020			
Fundamentals Master the basics	Role-based Expand your technical skill set		Specialty Deepen your technical skills and manage industry solutions
Azure Fundamentals AZ-900	Azure Administrator Associate AZ-104	Azure Developer Associate AZ-204	Azure for SAP Workloads Specialty AZ-120
Azure AI Fundamentals AI-900	Azure Security Engineer Associate AZ-500	Azure Data Engineer Associate DP-200 + DP-201	Azure IoT Developer Specialty AZ-220
Azure Data Fundamentals DP-900	Azure AI Engineer Associate AI-100	Azure Data Scientist Associate DP-100	
	Azure Database Administrator Associate DP-300	Azure Analyst Associate DA-100	
	DevOps Engineer Expert AZ-400	Azure Solutions Architect Expert AZ-303 + AZ-304	

1. AI-100 - Designing and Implementing an Azure AI Solution

Overview

An Azure AI engineer works with Data Engineers and Data Scientists to analyze requirements for AI cloud-based and hybrid AI solutions and implements solutions. They are aware of the various components that make up the Microsoft Azure AI portfolio and related open source frameworks and technologies. The engineer leverages their knowledge to recommend appropriate tools and technologies for a given solution. The engineer is aware of the available data storage options and uses their understanding of cost models, capacity, and best practices to architect and implement AI solutions.

This course teaches the concepts of Azure AI engineering by presenting, and developing, a scenario that creates a customer support Bot that utilizes various tools and services in the Azure AI landscape like language understanding, QnA Maker, and various Azure Cognitive Services to implement language detection, text analytics, and computer vision.

Target Audience :

This course is aimed at Cloud Solution Architects, Azure artificial intelligence designers, and AI developers.

Objectives :

After completing this module, students will be able to:

- Explain the available Cognitive Services on Microsoft Azure and their role in architecting AI solutions.
- Use the Microsoft Bot Framework and Bot Services.
- Use the QnA Maker and how to integrate Bots and QnA Maker to build up a useful knowledge base for user interactions.
- Use LUIS and how to create intents and utterances to support a natural language processing solution.
- Integrate LUIS with a Bot to better understand the users' intentions when interacting with the Bot.
- Integrate Bots and Agents with Azure Cognitive Services for advanced features such as sentiment analysis, image and text analysis, and OCR and object detection.

Prerequisites :

Before attending this course, students must have:

- Azure Fundamentals
- Understanding of Azure storage technologies
- C# Knowledge

Duration and Price

Courses	Jours	CHF	CHF/j
1. AI-100 - Designing and Implementing an Azure AI Solution	3	2'250.-	750.-

selon conditions générales. Le prix comprend toute la documentation distribuée.
Les cours se déroulent de 9 h 00 à 12 h 00 et 13 h 30 à 17 h 00

