AI-102T00 Designing and Implementing an Azure AI Solution

AI-102 Designing and Implementing an Azure AI Solution is intended for students wanting to build AI infused applications that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework. The course will use C# or Python as the programming language.

Détails

- Code : AI-102T00
- Durée : 4 jours (28 heures)

Public

- Anyone interested in learning about the type of solutions AI makes possible and the services on MS Azure that are used to create them
- Azure artificial intelligence designers
- Azure Solution Architects
- Cloud Solution Architects
- Consultants
- Consultants informatiques
- Developers
- Developers IT
- Développeurs Cloud
- Développeurs expérimentés
- IA Developpers
- IA Engineer
- Informaticiens
- IT development
- Professionnels de l'informatique

Pré-requis

- Be familiar with C# or Python and have knowledge on using REST-based APIs to build computer vision, language analysis, knowledge mining, intelligent search, and conversational AI solutions on Azure.

Objectifs

- Describe considerations for AI-enabled application development
- Create, configure, deploy, and secure Azure Cognitive Services
- Develop applications that analyze text
- Develop speech-enabled applications
- Create applications with natural language understanding capabilities

Programme

This course includes the following ten Learning Paths:

- Prepare for AI engineering
- Provision and manage Azure Cognitive Services
- Process and Translate text with Azure Cognitive Services
- Process and Translate Speech with Azure Cognitive Speech Services
- Create a Language Understanding solution with Azure Cognitive Services
- Build a QnA solution
- Create conversational AI solutions
- Create computer vision solutions with Azure Cognitive Services
- Extract text from images and documents
- Implement knowledge mining with Azure Cognitive

Services

Exam Relationship

- This course is directly mapped to and supports learning for the AZ-102 Designing and Implementing a Microsoft Azure AI Solution certification exam
- The table below outlines the relative weight percentages for each area of the exam
- The higher the percentage, the more questions students are likely to see in that area
    - 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%

Modalités

- Type d'action : Acquisition des connaissances
- Moyens de la formation : Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- Modalités pédagogiques : Exposés – Cas pratiques – Synthèse
- Validation : Exercices de validation – Attestation de stages