

Designing and Implementing an Azure AI Solution

Filière : **IA & Innovation** Sous-filière : **AI Modeling, tools & frameworks**

RÉFÉRENCE

AI-102T00

DURÉE

4 JOURS (28H)

PRIX UNITAIRE HT

2 600 €

Description

Designing and Implementing an Azure AI Solution is intended for software developers 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.

Objectifs pédagogiques

- 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
- Create QnA applications
- Create conversational solutions with bots
- Use computer vision services to analyze images and videos
- Create custom computer vision models
- Develop applications that detect, analyze, and recognize faces
- Develop applications that read and process text in images and documents
- Create intelligent search solutions for knowledge mining

Public cible

- Administrateurs
- Administrateurs de bases de données
- Administrateurs de Cloud
- Database Administrators
- Database Developers

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Organisme de formation N° 11 92 16 52 492

- IT consultants
- IT development
- Professionnels de l'informatique
- Professionnels de l'IT
- Software engineer

Pré-requis

- Knowledge of Microsoft Azure and ability to navigate the Azure portal
- Knowledge of either C# or Python

Programme de la formation

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%

Qualité

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Cette formation est accessible aux personnes en situation de handicap, nous contacter en cas de besoin d'informations complémentaires.



Programme mis à jour le **14 novembre 2023**