AI-102T00 - Designing and Implementing a Microsoft Azure AI Solution

Microsoft - Microsoft Azure - Virtualizzazione e Cloud

Durata:	Lingue:	Certificazione:
4 Giorni	**Italiano**	**Microsoft Certified: Azure AI Engineer Associate**

Descrizione del corso

AI-102 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. This course is preparatory to the Exam AI-102: Designing and Implementing a Microsoft Azure AI Solution valid for Microsoft Certified: Azure AI Engineer Associate

Programma

Module 1: Create and Manage Azure Cognitive Services

- Create and Manage Cognitive Service Accounts
- Secure Cognitive Services
- Deploy and Consume Cognitive Services Containers

Module 2:Implement Computer Vision Solutions

- Identify Faces and Expressions by using the Computer Vision API
- Process Images with the Computer Vision Service
- Evaluate Requirements for Implementing the Custom Vision APIs
- Classify Images with the Microsoft CUstomg Vision Service
- Extract Insights from Videos with the Video Indexer Service

Module 3: Implement Language Analysis Solutions

- Add Basic Conversational Intelligence to your App by using Language

Understanding

- Manage you Language Understanding Service
- Use Containers for your Language Understanding Service
- Discover Sentiment in Text with the Text Analytics API
- Recognize Entities in Text with the Text Analytics API
- Extract Key Phrases from Text with the Text Analytics API
- Detect Language with the Text Analytics API

Module 4:Implement Knowledge Mining Solutions

- Create an Azure Cognitive Search Solution
- Create an Enrichment Pipeline with Azure Cognitive Search
- Create a Knowledge Store with Azure Cognitive Searc

Module 5:Implement Conversational AI Solutions

- Build a Chat Bot in the Azure Portal
- Design a Bot Conversation Flow
- Create a Bot with the Bot Framework Composer