ARROW

Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

Arrow ECS, a.s., 28. října 3390/111a, 702 00 Ostrava

Email: training.ecs.cz@arrow.com
Phone: +420 597 488 811

Microsoft   Designing and Implementing an Azure AI Solution

Kód: **DÉLKA:**   **CENA:**

MCS_AI-100T01   24 Hours (3 DENNÍ)   Free

Description

Gain the necessary knowledge for designing Azure AI solution by building a customer support chat Bot using artificial intelligence from the Microsoft Azure platform including language understanding and pre-built AI functionality in the Azure Cognitive Services.

Určeno pro

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

Vstupní znalosti

•Azure Fundamentals
•Understanding of Azure storage technologies
Before attending this course, students must have: •C# Knowledge

Program

Module 1: Introducing Azure Cognitive Services
The student will learn about the available Cognitive Services on Microsoft Azure and their role in architecting AI solutions.
Lessons
•Overview of Azure Cognitive Services
•Creating a Cognitive Service on the Azure Portal
•Access and Test a Cognitive Service   Module 2: Creating Bots
                                              Lessons
                                              •Introducing the Bot Service
                                              •Creating a Basic Chat Bot
The student will learn about the Microsoft Bot Framework and Bot Services. •Testing with the Bot Emulator
Module 3: Enhancing Bots with QnA Maker
The student will learn about the QnA Maker and how to integrate Bots and QnA Maker to build up a useful knowledge base for user interactions.
Lessons
•Introducing QnA Maker
•Implement a Knowledge Base with QnA Maker
•Integrate QnA with a Bot   Module 4: Learn How to Create Language Understanding Functionality with LUIS
The student will learn about LUIS and how to create intents and utterances to support a natural language processing solution.
Lessons
•Introducing Language Understanding
•Create a new LUIS Service
•Build Language Understanding with Intents and Utterances Module 5: Enhancing Your Bots with LUIS
The student will learn about integrating LUIS with a Bot to better understand the users' intentions when interacting with the Bot.
Lessons
•Overview of language understanding for AI applications
•Integrate LUIS and Bot to create an AI-based solution   Module 6: Integrate Cognitive Services with Bots and Agents
The student will learn about integrating Bots and Agents with Azure Cognitive Services for advanced features such as sentiment analysis, image and text analysis, and OCR and object detection.
Lessons
•Understand Cognitive Services for Bot Interactions
•Perform Sentiment Analysis for your Bot with Text Analytics
•Detect Language in a Bot with the Language Cognitive Services
•Integrate Computer Vision with Bots

Termíny školení

Termíny školení na vyžádání, <u>kontaktujte nás prosím</u>

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.