

Microsoft Cloud Workshop: Cognitive Services and Deep Learning (MS-40530)

Modality: Virtual Classroom

Duration: 1 Day

SATV Value: 1

About this course:

In this course, you'll explore how to incorporate both pre-built AI in the form of numerous cognitive solutions and customized Artificial Intelligence in the form of services developed and implemented with Azure Machine Learning software. By developing and deploying a text analytics system, you can learn to create intelligent solutions over unorganized text data. We will also discover how to use a basic neural network to create a binary classifier that can be used to identify textual data. We will also explore how to implement various types of analytical software utilizing Azure Machine Learning, and how to interact with Cognitive Services ' Computer Vision Application Programming Interface and Text Analytics Application Programming Interface.

Course Objective:

- Text Analytics Application Programming Interface
- Computer Vision Application Programming Interface
- Cognitive Services
- Azure Machine learning services
- Tensor Flow

Audience:

This online training program is designed for IT professionals and Cloud Architects who have solutions design and infrastructure architecture experience in cloud technology and want to know more about Azure and its services as defined in the ' At Course Completion ' and ' About this Course ' areas. Anyone taking this training should also be trained in other cloud technologies other than MS, fulfill the preconditions of the program, and want to cross-train on Azure.

Course Outline:

Module 1: Whiteboard Design Session - Cognitive Services and deep learningLessons

- Review the customer case study
- Design a proof of concept solution
- Present the solution

Module 2: Hands-on lab - Cognitive Services and deep learning Lessons

- Setup Azure Machine Learning accounts
- Deploy the Summarizer as a Service
- Applying TensorFlow
- Completing the solution