

Create document intelligence solutions with Azure AI Document Intelligence (AI-3002)

Modality: Virtual Classroom

Duration: 1 Day

About Course:

In this course, you'll see how Azure AI Document Intelligence solutions can enable you to capture data from typed or hand-written forms. You'll also learn how to build a solution for your custom form types and integrate that solution into an Azure Cognitive Search pipeline.

Course Objectives:

- Design a solution that analyzes your business forms by using Azure AI Document Intelligence.
- Create a solution that analyzes common documents by using Document Intelligence.
- Create a solution that analyses different custom form types by using Document Intelligence.
- Include an Azure AI Document Intelligence service as a custom skill in an Azure Cognitive Search pipeline

Audience:

- Data scientists and AI developers
- Solution architects interested in document automation
- IT professionals seeking to leverage Azure AI services
- Technical team leads focusing on AI solutions
- Business analysts aiming to optimize document processes

Prerequisites:

- Basic knowledge of Azure services
- Familiarity with Python programming
- Understanding of REST APIs
- Experience with JSON and data structures
- Fundamental skills in data science and machine learning

Course Outline:

Plan an Azure AI Document Intelligence solution

- Understand AI Document Intelligence
- Plan Azure AI Document Intelligence resources
- Choose a model type

Use prebuilt Form Recognizer models

- Understand prebuilt models
- Use the General Document, Read, and Layout models
- Use financial, ID, and tax models

Extract data from forms with Azure Document Intelligence

- What is Azure Document Intelligence?
- Get started with Azure Document Intelligence
- Train custom models
- Use Azure Document Intelligence models
- Use the Azure Document Intelligence Studio

Create a composed Form Recognizer model

- Understand composed models
- Assemble composed models

Build a Form Recognizer custom skill for Azure Cognitive Search

- Understand Azure Cognitive Search enrichment pipelines
- Build an Azure AI Document Intelligence custom skill