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**Learning Style:** Virtual Classroom

**Technology:** Microsoft

**Difficulty:** Intermediate

**Course Duration:** 1 Day

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



### 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