Develop AI Information Extraction Solutions in Azure (AI-3002)

COURSE OVERVIEW

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

- 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 AI Search pipeline.

WHO WILL BENEFIT FROM THIS COURSE?

- Azure Professionals
- Microsoft Professionals

PREREQUISITES

There are no prerequisites for taking this course. Familiarity with Azure is helpful but isn't necessary.

COURSE OBJECTIVES

In this course you'll learn:

- Describe the components of an Azure AI Document Intelligence solution.
- Create and connect to Azure AI Document Intelligence resources in Azure.
- Choose whether to use a prebuilt, custom, or composed model.
- Identify business problems that you can solve by using prebuilt models in Forms Analyzer.
- Analyze forms by using the General Document, Read, and Layout models.
- Analyze forms by using financial, ID, and tax prebuilt models.
- Identify how Document intelligence's layout service, prebuilt models, and custom models can automate processes.
- Use Document intelligence's capabilities with SDKs, REST API, and Document Intelligence Studio.
- Develop and test custom models.
- Describe business problems that you would use custom models and composed models to solve.
- Train a custom model to obtain data from forms with unusual structures.
- Create a composed model that can analyze forms in multiple formats.

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 Document intelligence models

- Understand prebuilt models
- Use the General Document, Read, and Layout models
- Use financial, ID, and tax models
- Exercise - Analyze a document using Azure AI Document Intelligence

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
- Exercise - Extract data from custom forms

Create a composed Document intelligence model

- Understand composed models
- Assemble composed models
- Exercise: Create a composed model

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