IMPLEMENT KNOWLEDGE MINING WITH AZURE AI SEARCH (AI-3022)

Course Code: 834089

Using Azure AI Search, you can extract key insights from information locked up in structured and unstructured data sources, and enable applications to search and analyze them.

Prerequisites

- Familiarity with Microsoft Azure
- Application development experience with C# or Python

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CLASSROOM LIVE	$675 USD	1 Day

Classroom Live Outline

Module 1: Create an Azure AI Search solution

- Manage capacity
- Understand search components
- Understand the indexing process
- Search an index
- Apply filtering and sorting
- Enhance the index

Module 2: Create a custom skill for Azure AI Search

- Define the custom skill schema
- Add a custom skill
- Custom text classification skill
- Machine learning custom skill

Module 3: Create a knowledge store with Azure AI Search

- Define projections
- Define a knowledge store

Module 4: Implement advanced search features in Azure AI Search

- Improve the ranking of a document with term boosting
- Improve the relevance of results by adding scoring profiles
- Improve an index with analyzers and tokenized terms
- Enhance an index to include multiple languages
- Improve search experience by ordering results by distance from a given reference point

Module 5: Search data outside the Azure platform in Azure AI Search using Azure Data Factory

- Index data from external data sources using Azure Data Factory
- Index any data using the Azure AI Search push API

Module 6: Maintain an Azure AI Search solution

- Manage security of an Azure AI Search solution
- Optimize performance of an Azure AI Search solution
- Manage costs of an Azure AI Search solution
- Improve reliability of an Azure AI Search solution
- Monitor an Azure AI Search solution
- Debug search issues using the Azure portal

Module 7: Perform search reranking with semantic ranking in Azure AI Search

- What is semantic ranking
- Set up semantic ranking

Module 8: Perform vector search and retrieval in Azure AI Search

- What is vector search
- Prepare your search
- Understand embedding

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VIRTUAL CLASSROOM LIVE	$675 USD	1 Day

Virtual Classroom Live Outline

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PRIVATE GROUP TRAINING	1 Day

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