



Analyze text in Azure AI Foundry portal (Expected Duration 1 hours) [Details](#) ✓

AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 03 (CSS)

Required: Yes

Status: Complete

Launch

9 of 10 launch attempts remaining

Reflection Summary: Analyzing Text with Azure AI Language in Azure AI Foundry

This module provided practical experience in leveraging Azure AI Language within the Azure AI Foundry portal for Natural Language Processing (NLP) tasks. The core learning objective was to understand and apply various text analytics capabilities, including named entity recognition, key phrase extraction, and text summarization, to real-world text data, specifically hotel reviews. The exercise guided us through the process of creating a project in Azure AI Foundry, which involved setting up an Azure AI services resource, an AI hub, and a dedicated project within a specified resource group and location. Navigating the Language playground within the portal allowed for direct interaction with the different text analysis tools.

A primary challenge encountered was the initial setup of the Azure AI Foundry project, particularly ensuring the correct resource group and a supported location were selected during the hub creation process. The dependency on a specific set of locations for the Azure AI services resource was a crucial detail that required careful attention. Another minor difficulty was accurately copying and pasting the provided text samples into the playground interface without introducing errors. While the portal was generally intuitive, understanding the nuances of the output, such as the different types of entities and the confidence scores associated with them, required careful review of the "Details" section after each analysis.

The key insights gained from this module were the accessibility and power of Azure AI Language for extracting meaningful information from unstructured text. The ease with which named entities like locations, organizations, and dates could be identified, along with their associated types and confidence levels, demonstrated the potential for automated information extraction. Similarly, the key phrase extraction highlighted the most salient points within a review, offering a quick way to grasp the main topics discussed. The summarization feature provided a valuable tool for condensing longer texts into concise summaries, identifying the most important sentences. This hands-on experience showcased how these NLP capabilities can be readily applied to analyze customer feedback, identify trends, and extract valuable insights from textual data without requiring extensive coding or complex infrastructure management. The integrated Azure AI Foundry portal provided a user-friendly environment for exploring and experimenting with these powerful AI language services.