
AZURE AI ENGINEER SPECIALITY (AI-900)

1. Introduction to AI on Azure

- 1.1 Understand the principles of AI and its business use cases.
- 1.2 Explore the Azure AI portfolio and services.

2. Machine Learning

- 2.1 Learn about Azure Machine Learning service.
- 2.2 Understand the basics of training, deployment, and management of machine learning models on Azure.

3. Computer Vision

- 3.1 Explore Azure Computer Vision services.
- 3.2 Recognize and analyze images and video content using Azure Computer Vision.

4. Natural Language Processing (NLP)

- 4.1 Understand Azure's NLP services.
- 4.2 Learn how to analyze and process text data using Azure Text Analytics and Language Understanding (LUIS).

5. Speech and Conversational AI

- 5.1 Explore Azure Speech Services for speech recognition and synthesis
- 5.2 Learn about Azure Bot Service for creating conversational AI applications.

6. Knowledge Mining and Cognitive Search

- 6.1 Understand Azure Cognitive Search.



6.2 Learn how to build knowledge mining solutions for extracting insights from structured and unstructured data.

7. Azure AI Best Practices

7.1 Explore best practices for designing and implementing AI solutions on Azure.

7.2 Understand ethical considerations in AI development.

8. Azure AI Governance and Compliance

8.1 Learn about governance and compliance aspects of AI on Azure.

8.2 Understand how to secure AI solutions and ensure data privacy.

9. Hands-On Labs

9.1 Expect hands-on labs or exercises to practice your skills with Azure AI services.