

AZURE AI Engineer Associate - (AI-102)

1. Plan and Manage an Azure AI Solution

- 1.1 Choose the appropriate AI model service for a given scenario.
- 1.2 Identify and mitigate responsible AI concerns throughout the AI lifecycle.
- 1.3 Implement an AI workflow that uses Azure Machine Learning pipelines.
- 1.4 Configure AutoML training runs.

2. Implement Natural Language Processing Solutions

- 2.1 Create a custom language model by using Azure Language Understanding service.
- 2.2 Create a custom language model by using the Azure Text Analytics service.
- 2.3 Implement sentiment analysis in a solution.

3. Implement Computer Vision Solutions

- 3.1 Create a custom vision model using Azure Custom Vision.
- 3.2 Implement image classification.
- 3.3 Implement object detection.

4. Implement Speech Solutions

- 4.1 Implement text-to-speech and speech-to-text.
- 4.2 Implement custom speech models.
- 4.3 Configure and implement a speech translation solution.



5. Implement Conversational AI Solutions

- 5.1 Create a bot by using the Bot Framework SDK.
- 5.2 Integrate bots and AI solutions with Azure Bot Service.
- 5.3 Implement speech channels for a bot.

6. Recommend and Implement AI Solutions

- 6.1 Implement a recommendation solution by using Azure Personalizer.
- 6.2 Implement an AI-powered anomaly detection solution.
- 6.3 Implement an AI-powered fraud detection solution.