

AI-100 Azure AI Engineer Associate, Part 2 of 4: Analyze Solution Requirements

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Meet the expert: Anand Rao is a senior technical instructor and cloud consultant. He has worked with large enterprises for about 15 years and has a wide range of technologies in his portfolio. Anand Rao has delivered instructor led trainings in several states in India as well as several countries like USA, Bahrain, Kenya and UAE. He has worked as a Microsoft Certified Trainer globally for Corporate Major Clients.

Prerequisites: Candidates for this certification should be proficient in C#, Python, or JavaScript and should be able to use REST-based APIs and SDKs to build computer vision, natural language processing, knowledge mining, and conversational AI solutions on Azure. They should also understand the components that make up the Azure AI portfolio and the available data storage options. Plus, candidates need to understand and be able to apply responsible AI principles.

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Course description: Azure AI Engineers work with solution architects to translate their vision and with data scientists, data engineers, IoT specialists, and AI developers to build complete end-to-end AI solutions. This course covers the Domain Design AI solutions which is (40-45%) of the exam. This course covers Domain Analyze solution requirements which is (25-30%) of the exam.

Course outline:

Processing Architecture for a solution

- Introduction
- Processing Architecture for a Solution
- Appropriate Data Processing Technologies
- Appropriate AI models and services
- Components and Technologies to Connect Service Endpoints
- Identify Automation Requirements
- Summary

Introduction to Cognitive Services

- Introduction
- Cognitive Service Intro
- Processes and Regulations with Data Privacy
- Users and Group Access to Information and Interfaces
- Identify Appropriate Tools for a Solution
- Identify Auditing Requirements
- Summary

Appropriate Services and Tools for a Solution

- Introduction
- Services and Tools for a Solution
- Integration Points with other Microsoft Services
- Storage for Logging and Bot State
- Summary

Face Recognition

- Introduction
- Facial Recognition
- Group Picture Lab Activity
- Summary