AI-100 Azure AI Engineer Associate, Part 4 of 4: Implement AI Solutions

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 Implement and monitor AI solutions which covers (25-30%) of the exam.

Course outline:

Develop AI Pipelines
• Introduction
• Develop AI Pipelines
• Manage the Flow of Data
  Through Solution Componen
• Implement Data Logging
  Processes
• Define and construct interfaces
  for custom AI ser
• Integrate AI Models with Other
  Solution Components
• Summary

Design Solution Endpoints
• Introduction
• Create Solution Endpoints
• Develop streaming solutions
• Configure Prerequisite
  Components and Input Datas
• Configure Integration with Azure
  Services
• Implement Azure Search in a
  Solution
• Summary

**Differences Between KPIs and
Reported Metrics**
• Introduction
• Differences of KPIs and
  Reported Metrics
• Expected and Actual Workflow
  Throughput
• Implement AI for Continuous
  Improvement
• Monitor AI Components for
  Availability
• Recommend Changes to an AI
  Solution Based on Perf
• Course Conclusion - AI 100
• Summary