

AI-102 Weekly Study Plan (4 Weeks)

This 4-week plan prepares you for AI-102: Designing and Implementing an Azure AI Solution. Focus is on Azure AI services, orchestration, and building practical demos.

Week 1: Azure AI Services Overview

- Learn Cognitive Services: Vision, Language, Speech, Decision.
- Hands-on: Call Vision API (OCR, image analysis) from a .NET app.
- Explore Azure OpenAI basics (text generation, embeddings).

Week 2: Search and Language

- Deep dive: Cognitive Search + Azure OpenAI integration.
- Hands-on: Build a semantic search app over sample documents.
- Experiment with QnA Maker / Language Studio.

Week 3: Orchestration & Deployment

- Study containerizing AI services and deploying to ACA.
- Implement responsible AI practices (filters, monitoring).
- Hands-on: Deploy an OpenAI-powered API with logging/telemetry.

Week 4: Review & Capstone

- Take practice tests & identify weak areas.
- Capstone: Build an AI-powered assistant or search for a real dataset.
- Finalize notes and schedule exam.