

M55604A : Using AI and Copilot in the Microsoft Power Platform

Course Outline

Module 1: Introduction to AI and Generative AI

Lessons:

- History of AI
- Is a copilot just a chatbot?
- Copilot stack
- Copilot rollout
- Why Conversational AI?
- Generative AI
- Generative AI in Copilot Studio Powered by Azure OpenAI Service
- Generative Answers

Module 2: Azure AI and Cognitive Services

Lessons:

- Common AI workloads
- Principles of responsible AI
- Machine Learning
- Images and image processing
- Computer vision services
- Image analysis
- Reading text with Optical Character Recognition (OCR)
- Natural language processing
- Analyzing text
- Question answering
- Azure bot service
- Document Intelligence services

Module 3: AI Builder

Lessons:

- AI Builder
- Binary classification (Prediction)
- Form processing
- Object detection
- Text classification
- Business card reader
- AI Builder Licencing

Lab:

- Use AI builder to create Form Processing

Module 4: Build Dataverse tables with Copilot

Lessons:

- Copilot in Microsoft Dataverse

Lab:

- Build Dataverse tables with Copilot

Module 5: Build Power Apps with Copilot

Lessons:

- Build Power Apps with Copilot
- Benefits of Power Apps Copilot

Lab:

- Creating Power Apps Using Microsoft Copilot AI

Module 6: Build Power Automate flows with Copilot

Lessons:

- Copilot in cloud flows

Lab:

- Create an approval flow with Copilot in Power Automate

Module 7: Building Conversational Experiences

Lessons:

- Useful Conversational Experiences
- Ethical considerations
- Qualities of a good conversation
- How to sound conversational
- Requirements Gathering

Lab:

- Build a bot in Microsoft Copilot Studio with the new AI capabilities

Module 8: AI Builder Prompts

Lessons:

- Overview of prompts
- How to build a Prompt
- Human in the loop validation

Lab:

- Generate text with GPT in AI Builder and Power Automate