

Azure AI Bot Service and Copilot Studio Training

Course Duration: 40 Hours

Course Code: AAIC-01

1. Course Overview

Azure AI Bot Service and Copilot Studio Training is designed to help learners build intelligent chatbots and AI copilots using Microsoft's latest tools. This course covers bot development, automation, integrations, and real-world deployment to enhance customer engagement and business productivity.

2. What You'll Learn

- Fundamentals of Azure AI Bot Service
- Working with Copilot Studio for AI-driven assistants
- Designing conversational workflows
- Integrating bots with websites, apps, and APIs
- Natural Language Processing (NLP) basics
- Automating business processes using AI copilots
- Deploying and managing bots on Azure
- Monitoring and improving bot performance

3. Target Audience

- Digital marketers and automation professionals
- Developers and software engineers
- IT professionals and cloud engineers
- Business analysts and consultants
- Anyone interested in AI chatbot development

4. Pre-Requisites

- Basic understanding of cloud computing
- Familiarity with Microsoft Azure fundamentals
- Basic knowledge of APIs and web applications (preferred)
- No prior AI experience required (beginner-friendly modules included)

5. Course Content

Module 1: Introduction to AI and Chatbots

- AI basics and chatbot use cases
- Overview of Azure AI services

Module 2: Azure AI Bot Service

- Bot architecture and components
- Creating and configuring bots
- Bot Framework basics

Module 3: Copilot Studio Fundamentals

- Introduction to Copilot Studio
- Designing conversational flows
- Creating AI copilots

Module 4: NLP and AI Capabilities

- Language understanding concepts
- Intent recognition and entity extraction

Module 5: Integration and Deployment

- Connecting bots to channels (Teams, websites, etc.)
- API integrations and automation
- Deployment on Azure

Module 6: Testing and Optimization

- Debugging bots
- Performance monitoring
- Improving user experience

Module 7: Real-World Use Cases

- Customer support automation
- Lead generation bots
- Internal business copilots

