

KOENIG SOLUTIONS · COURSE OUTLINE

DW-200: Accelerate Agentic AI

Learn to build, extend and deploy AI agents with Microsoft Copilot Studio, Azure AI Foundry, Semantic Kernel and AutoGen.

4 Days

5 HOURS A DAY

8

MODULES

51

TOPICS

18

HANDS-ON ACTIVITIES

COURSE OVERVIEW

This is a comprehensive learning journey designed to rapidly equip professionals with the skills needed to effectively build, demonstrate, and deploy powerful AI-driven agents. From presales essentials using Microsoft Copilot Studio and SharePoint agents to advanced multi-agent development leveraging Azure AI Foundry, AutoGen, Semantic Kernel, and Microsoft Teams SDK, participants will progressively gain deep, practical insights. Attend this workshop to master key AI concepts, accelerate your organization's AI capabilities, and confidently architect, deploy, and scale sophisticated AI agent solutions.

WHO THIS COURSE IS FOR

AI Developers

Solution Architects

Presales Consultants

Power Platform Developers

Cloud Engineers

LEARNING OBJECTIVES

- Explain how Microsoft 365 Copilot and agents work together
- Build declarative agents with Copilot Studio and Agents Toolkit
- Configure custom and autonomous agents in Copilot Studio
- Apply generative AI and voice capabilities within Copilot Studio
- Develop agents using Azure AI Foundry and the Agent Service
- Implement Retrieval Augmented Generation and model fine-tuning
- Build multi-agent systems with Semantic Kernel or AutoGen
- Assess enterprise security, governance and risk for AI agents

8 Modules, 51 Topics

DAY 1**Showcasing AI Potential with Agentic AI****01****Innovate with Microsoft 365 Copilot and Agents****TOPICS**

M365 Copilot and agents · How Copilot works · Semantic index for Copilot · M365 Copilot Chat · Agents Use cases · New agents in Microsoft 365 · Unlock more value with SharePoint agents

02**4 Hands-on Labs****Extend Microsoft 365 Copilot with Agents****TOPICS**

- Microsoft 365 Extensibility Planning and approach
- Declarative agents and agent tooling
- Explore Copilot Studio Agent Builder
- Build declarative agents with Microsoft 365 Agents Toolkit
- Train Copilot with Copilot Tuning
- Build custom agents with Copilot Studio
- Autonomous agents overview
- Agent Governance - Overview
- Gen-AI decision guide - when to build, buy or extend

DAY 2**Architecting Success with Multi-Agent AI Systems****03****Customize Agents with Gen AI in Copilot Studio****TOPICS**

- Customizing your agents - Orchestrator, UI, Knowledge, Actions, Autonomy
- Copilot Studio implementation guidance for architects
- Generative AI in Copilot Studio
- Copilot Studio + Power Platform
- Building voice-enabled agents
- AI Foundry integration
- Developing agents using Microsoft 365 Agents SDK

04**3 Hands-on Labs**

Innovate with Azure AI Platform

TOPICS

- How language models work
- AI Foundry and SDK introduction
- AI Foundry Model Catalog
- Azure AI Services
- Azure OpenAI Service and model guidance
- Models-as-a-Service
- Azure AI Foundry Agent Service
- Safeguard with Trustworthy AI

DAY 3

Multi-Agent AI: Advanced Agent Dev in Azure AI Foundry

05

Customize, Orchestrate and Experiment with Azure AI Foundry

TOPICS

- Retrieval Augmented Generation (RAG)
- Customizing models - Fine tuning, distillation
- Responses API (preview)
- Azure AI Foundry Agent Service - Orchestrate and debug AI workflows

06**5 Hands-on Labs**

Build Your Own Multi Agents with Semantic Kernel or AutoGen

TOPICS

- Multi-agent applications
- Understanding Semantic Kernel
- Understanding AutoGen Agents Framework
- Multi-Agent Collaboration & Orchestration with AutoGen / Semantic Kernel

DAY 4

Enterprise Grade: Optimization and Production at Scale

07

Enterprise Grade Production at Scale

TOPICS

- Scaling challenges and agent controls
- Manage AI performance in production
- Observability Tools
- Enabling Enterprise governance and management
- Enterprise grade security and data protection
- Monitoring and observability

Advanced AI Risk Evaluation and Mitigation

TOPICS

Identifying risks · Azure AI Content Safety · Evaluation and GenAIOps · Identity and access management · Network Security for AI apps · Continuous security for AI

NOTES

- Level: Intermediate-Advanced

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
02	Extend Microsoft 365 Copilot with Agents	■ Explore Copilot Studio Agent Builder ■ Build HR Assistant Agent with Copilot Studio ■ Incorporate actions in HR Agent ■ Enable Autonomous Capabilities in Microsoft Copilot Studio for HR Activities
04	Innovate with Azure AI Platform	■ Setup AI Project and perform Chat Completion from VS Code ■ Build a simple AI Agent ■ Develop a multi-agent system
06	Build Your Own Multi Agents with Semantic Kernel or AutoGen	■ Set Up Azure AI Foundry SDK and Provision Resources ■ Build a Retrieval-Augmented Generation (RAG) Pipeline ■ Evaluate and Optimize RAG Performance ■ Semantic Kernel Fundamentals ■ Semantic Kernel Plugins
08	Advanced AI Risk Evaluation and Mitigation	■ Understanding the Lifecycle of Flow Development ■ Building and Customizing Prompt Flows ■ Evaluation Flow Setup ■ Fine-Tuning Prompts for Optimal Performance ■ Implementing Chat Flow and Tool Integration ■ Ensuring Responsible AI Practices with Content Safety

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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