

# **Implementing Gen AI-powered security with Microsoft Security Copilot**

## **Course Overview**

Duration - 12 Hours | Level - Intermediate

Microsoft Security Copilot is a generative AI-powered security solution that helps increase the efficiency and capabilities of your security solutions to improve security outcomes at machine speed and scale. Learn how Security Copilot can help you as a security professional in supporting end-to-end scenarios such as incident response, threat hunting, intelligence gathering, and posture management.

## **Course Modules**

### **Day 1**

#### **Get started with Microsoft Security Copilot**

Cloud Microsoft Secure Future Initiative overview  
Cloud Introduction to Microsoft Security Copilot  
Cloud Empowering Security Operations  
Cloud Working mechanism  
Cloud Security Copilot standalone and embedded experience  
Cloud Security Copilot – Requirements and Onboarding  
Cloud Exploring the Standalone and Embedded Experience  
Cloud Responsible AI  
Cloud Microsoft Security Copilot Pricing

#### **Interactive Simulated Lab Experience**

Cloud Lab 1 - Setting up the environment for Microsoft Security Copilot  
Cloud Lab 2 - Connecting Microsoft Sentinel in the Microsoft Defender Portal for Threat Hunting, Triage, Investigation, and Response

## Day 2

### Securing and expanding capabilities of Security? Copilot

Cloud Authentication

Cloud Prompting

Cloud Promptbooks

Cloud Extending Copilot for Securing using Plugins

Cloud Microsoft Security Copilot Connectors

Cloud Security Copilot sample use cases

### Interactive Simulated Lab Experience

Cloud Lab 3 - Creating a multi-stage incident in Microsoft Defender

Cloud Lab 4 - Creating a DLP policy and generating an alert in Microsoft Purview

Cloud Lab 5 - Activating Security Copilot using Azure subscription and analyzing the alerts generated in Microsoft Purview

## Day 3

### Security Copilot – Integrations

Cloud Security Copilot in Microsoft Defender XDR

Cloud Security Copilot in Microsoft Defender for Cloud

Cloud Security Copilot in Entra

Cloud Security Copilot in Intune

Cloud Security Copilot in Microsoft Surface Management Portal

Cloud Security Copilot in Defender EASM

Cloud Security Copilot in Defender Threat Intelligence

Cloud Security Copilot in Purview

Cloud Supercharge DSPM with Security Copilot

Cloud Azure AI Search plugin (Preview)

Cloud Azure Firewall plugin (Preview)

Cloud Azure Web Application Firewall (Preview)

Cloud Microsoft Sentinel plugin (Preview)

### Interactive Simulated Lab Experience

Cloud Lab 6 - Security Copilot – Microsoft Defender embedded Copilot to standalone Copilot investigation

Cloud Lab 7 - Identity Risk Investigation and Mitigation with Microsoft Security Copilot in Microsoft Entra

Cloud Lab 8 - Using Security Copilot standalone portal to get threat intelligence

Cloud Lab 9 - Adding custom plugins to extend the capabilities of Security Copilot

Cloud Lab 10 - Analyze Microsoft Defender for Cloud Recommendations with Security Copilot

Cloud Lab 11 - Investigate Microsoft Sentinel Incidents using Defender for Cloud and Security Copilot