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Learning Style: Virtual Classroom

Technology: Microsoft

Difficulty: Beginner

Course Duration: 1 Day

Get started with Microsoft Copilot for Security (SC-5006)



About This Course:

This course introduces you to Microsoft Copilot for Security, a cutting-edge AI-powered tool designed to revolutionize security operations. Through this training, you will explore how Copilot assists security analysts in processing vast amounts of security signals, detecting potential threats, and responding to incidents with machine-level speed and precision.

Course Objectives:

- Understand machine learning
- Understand computer vision
- Understand natural language processing
- Understand document intelligence and knowledge mining
- Understand generative AI
- Challenges and risks with AI
- Understand Responsible AI
- What is generative AI?
- What are language models?
- Using language models
- What are copilots?
- Microsoft Copilot
- Considerations for Copilot prompts
- Extending and developing copilots
- Plan a responsible generative AI solution
- Identify potential harms
- Measure potential harms
- Mitigate potential harms
- Operate a responsible generative AI solution
- Get acquainted with Microsoft Copilot for Security
- Describe Microsoft Copilot for Security terminology
- Describe how Microsoft Copilot for Security processes prompt requests
- Describe the elements of an effective prompt
- Describe how to enable Microsoft Copilot for Security

- Describe the features available in the standalone experience of Microsoft Copilot for Security
- Describe the features available in a session of the standalone experience
- Describe the Microsoft plugins available in Microsoft Copilot for Security
- Describe the non-Microsoft plugins supported by Microsoft Copilot for Security
- Describe custom promptbooks
- Describe knowledge base connections.
- Describe Microsoft Copilot in Microsoft Defender XDR
- Microsoft Copilot in Microsoft Purview
- Microsoft Copilot in Microsoft Entra
- Microsoft Copilot in Microsoft Intune
- Microsoft Copilot in Microsoft Defender for Cloud (Preview)
- Explore the first run experience
- Explore the standalone experience
- Configure the Microsoft Sentinel plugin
- Enable a custom plugin
- Explore file uploads as a knowledge base
- Create a custom promptbook
- Explore the capabilities of Copilot in Microsoft Defender XDR
- Explore the capabilities of Copilot in Microsoft Purview

Audience:.

- Security Analysts
- Incident Responders
- Security Operations Center (SOC) Teams

Prerequsites:

- Working knowledge of security operations and incident response
- Working knowledge of Microsoft security products and services

Course Outline:

- Fundamental AI Concepts
- Fundamentals of Generative AI
- Fundamentals of Responsible Generative AI
- Describe Microsoft Copilot for Security
- Describe the core features of Microsoft Copilot for Security
- Describe the embedded experiences of Microsoft Copilot for Security
- Explore use cases of Microsoft Copilot for Security