Course Name	Getting started with Microsoft Copilot for Security
Course Code	SC:5006
Course Duration	1 Day
Course Structure	Instructor-Led
Course Overview	This course provides a comprehensive introduction to the foundational and advanced concepts of artificial intelligence, focusing on its application within Microsoft's security solutions. This course will guide you through the capabilities of Microsoft Copilot for Security, from basic setup to advanced features. Learn about Microsoft Copilot for Security, an AI-powered security analysis tool that enables analysts to process security signals and respond to threats at a machine speed, and the AI concepts upon which it's built.
Audience Profile	Ideal for security professionals, IT staff, and anyone interested in leveraging AI to enhance cybersecurity measures.
Course Prerequisites	• Working knowledge of security operations and incident response • Working knowledge of Microsoft security products and services
Course Outcome	After completing this course, students will be able to: • Understand the fundamental AI Concepts • Understand the fundamentals of Generative AI • Understand the 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
Assessment/Evaluation	This course will prepare delegates to take the SC:5006: Getting started with Microsoft Copilot for Security Exam. Successfully passing this exam will result in the attainment of the Getting started with Microsoft Copilot for Security Certification and Certificate of Attendance issued by IT-IQ Botswana

Course Details	
Topic	**TOPIC 1: Fundamental AI Concepts** With AI, we can build solutions that seemed like science fiction a short time ago; enabling incredible advances in health care, financial management, environmental protection, and other areas to make a better world for everyone. **Learning objectives** In this module, you'll learn about the kinds of solutions AI can make possible and considerations for responsible AI practices. • Introduction to AI • Understand machine learning • Understand computer vision • Understand natural language processing • Understand document intelligence and knowledge mining • Understand generative AI **TOPIC 2: Fundamentals of Generative AI** In this module you'll explore the way in which large language models (LLMs) enable AI applications and services to generate original content based on natural language input. You'll also learn how generative AI enables the creation of AI-powered copilots that can assist humans in creative tasks. **Learning objectives** By the end of this module, you'll be able to: • Understand generative AI's place in the development of artificial intelligence • Understand large language models and their role in intelligent applications • Describe how Azure OpenAI supports intelligent application creation • Describe examples of copilots and good prompts

TOPIC 3: Fundamentals of Responsible Generative AI

Generative AI enables amazing creative solutions, but must be implemented responsibly to minimize the risk of harmful content generation.

Learning objectives
By the end of this module, you'll be able to:
- Describe an overall process for responsible generative AI solution development
- Identify and prioritize potential harms relevant to a generative AI solution
- Measure the presence of harms in a generative AI solution
- Mitigate harms in a generative AI solution
- Prepare to deploy and operate a generative AI solution responsibly

TOPIC 4: Describe Microsoft Copilot for Security

Get acquainted with Microsoft Copilot for Security. You are introduced to some basic terminology, how Microsoft Copilot for Security processes prompts, the elements of an effective prompt, and how to enable the solution.

Learning objectives
By the end of this module, you'll be able to:
- Describe what Microsoft Copilot for Security is.
- Describe the terminology of Microsoft Copilot for Security.
- Describe how Microsoft Copilot for Security processes prompt requests.
- Describe the elements of an effective prompt
- Describe how to enable Microsoft Copilot for Security.

TOPIC 5: Describe the core features of Microsoft Copilot for Security

Microsoft Copilot for Security has a rich set of features. Learn about available plugins, promptbooks, the ways you can export and share information from Copilot, and much more.

Learning objectives
By the end of this module, you're able to:
- Describe the features available in the standalone Copilot experience.
- Describe the plugins available in Copilot.
- Describe custom promptbooks.

<table>
<tr><td></td><td>

- Describe knowledge base connections.

TOPIC 6: Describe the embedded experiences of Microsoft Copilot for Security
Microsoft Copilot for Security is accessible directly from some Microsoft security products. This is referred to as the embedded experience. Learn about the scenarios supported by the Copilot embedded experience in Microsoft's security solutions.

Learning objectives
By the end of this module, you're able to:
- Describe Microsoft Copilot in Microsoft Defender XDR.
- Describe Microsoft Copilot in Microsoft Purview.
- Describe Microsoft Copilot in Microsoft Entra.
- Describe Microsoft Copilot in Microsoft Intune.

</td></tr>
</table>