Training: Microsoft
GH-500T00: GitHub Advanced Security

Microsoft Partner

TRAINING GOALS:

GitHub Advanced Security (GHAS) plays a crucial role in enhancing the security posture of software development projects on GitHub. It provides a comprehensive set of tools and features designed to identify and address security vulnerabilities throughout the development lifecycle. The course will explore how to utilize GHAS to maximize security impact and understand GHAS and its role in the security ecosystem.

Audience Profile:
This course is intended for students who want to understand and implement advanced security practices with the help of GitHub Advanced Security (GHAS). They will learn how to significantly enhance software development processes and create a more resilient and secure development ecosystem using developer-first solutions.

CONSPECT:

- GitHub Advanced Security Part 1 of 2
  - Module 1: Introduction to GitHub Advanced Security
  - Module 2: Configure Dependabot security updates on your GitHub repo
  - Module 3: Configure and use secret scanning in your GitHub repository
  - Module 4: Configure code scanning on GitHub
- GitHub Advanced Security Part 2 of 2
  - Module 1: Identify security vulnerabilities in your codebase by using CodeQL
  - Module 2: Code scanning with GitHub CodeQL
  - Module 3: GitHub administration for GitHub Advanced Security
  - Module 4: Manage sensitive data and security policies within GitHub

REQUIREMENTS:

A GitHub account. Basic understanding of GitHub fundamentals.

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Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion). This course will help prepare you for the **GitHub Advanced Security** certification, which is available through the Pearson VUE test centers.

TRAINER:

Microsoft Certified Trainer (MCT)

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