Training: Microsoft
GH-900T00: GitHub Foundations

Microsoft Partner

TRAINING GOALS:

GitHub Foundations introduces you to the fundamental concepts, features, and products of GitHub. You'll discover the benefits of using GitHub as a collaborative platform and explore its core features, such as repository management, commits, branches, and merging. Through curated modules and hands-on exercises, you'll gain a solid understanding of GitHub's essential tools and be well-equipped to start contributing to projects and collaborating effectively within GitHub.

Audience Profile:
This course is intended for students who want to understand GitHub best practices. You will understand the fundamental features of GitHub, learn about repository management, gain an understanding of the GitHub flow, including branches, commits, and pull requests.

CONSPECT:

- GitHub Foundations Part 1 of 2
  - Module 1: Introduction to Git
  - Module 2: Introduction to GitHub
  - Module 3: Introduction to GitHub's products
  - Module 4: Configure code scanning on GitHub
  - Module 5: Introduction to GitHub Copilot
  - Module 6: Code with GitHub Codespaces
  - Module 7: Manage your work with GitHub Projects
  - Module 8: Communicate effectively on GitHub using Markdown
- GitHub Foundations Part 2 of 2
  - Module 1: Contribute to an open-source project on GitHub
  - Module 2: Manage an InnerSource program by using GitHub
  - Module 3: Maintain a secure repository by using GitHub best practices
  - Module 4: Introduction to GitHub administration
  - Module 5: Authenticate and authorize user identities on GitHub

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- Module 6: Manage repository changes by using pull requests on GitHub
- Module 7: Search and organize repository history by using GitHub
- Module 8: Using GitHub Copilot with Python

REQUIREMENTS:

A GitHub account.

Difficulty level



CERTIFICATE:

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

TRAINER:

Microsoft Certified Trainer (MCT)

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