

# 2026 Microsoft First-grade GH-300: GitHub Copilot Latest Learning Materials

**GH-300: GitHub Copilot** skilr

## STUDY GUIDE

**STEP 1: UNDERSTAND THE EXAM OBJECTIVES**

- RESPONSIBLE AI (7%)
- GITHUB COPILOT PLANS AND FEATURES (31%)
- HOW GITHUB COPILOT WORKS AND HANDLES DATA (15%)
- PROMPT CRAFTING AND PROMPT ENGINEERING (9%)
- DEVELOPER USE CASES FOR AI (14%)
- TESTING WITH GITHUB COPILOT (9%)
- PRIVACY FUNDAMENTALS AND CONTEXT EXCLUSIONS (15%)

**STEP 2: USE STUDY METHODS**

- EXAM GUIDE
- OFFICIAL LEARNING PATH
- KNOWLEDGE ASSESSMENTS
- STUDY GROUPS

**STEP 3: USE PRACTICE EXAM**

ENHANCE YOUR ANSWERING SKILLS, FIND OUT WEAK AREAS, AND HAVE A BETTER PREPARATION BY USING THE PRACTICE EXAM TESTS FOR THE GH-300: GITHUB COPILOT EXAM.

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**GH-300 Quiz Torrent - GH-300 Pass-King Torrent & GH-300 Practice Materials**

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## Microsoft GH-300 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>Domain 6: Testing with GitHub Copilot: This section measures abilities of QA Engineers and Test Automation Specialists to use Copilot for test generation, including unit and integration tests. It explains how Copilot can identify edge cases and assist in writing assertions. The domain also covers different Copilot subscription SKUs, privacy considerations, organizational code suggestion settings, and configuration files related to Copilot.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>GitHub Copilot Plans and Feature: This domain targets Product Managers and DevOps Engineers and focuses on understanding the various GitHub Copilot subscription plans like Individual, Business, and Enterprise, including distinctions and management features. It covers how Copilot is integrated into IDEs, different triggering methods for code suggestions, organizational policy management, subscription administration via API, and effective use of Copilot Chat and Knowledge Bases. Candidates also learn about CLI usage and configuration.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>Developer Use Cases for AI: Targeting Software Engineers and Technical Leads, this domain elaborates on how AI improves developer productivity across common tasks like learning new languages, translation, documentation, debugging, data science, and refactoring. It discusses Copilot's support in software development lifecycle management and highlights its limitations. Use of the productivity API to track Copilot's impact is also included.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>Privacy Fundamentals and Context Exclusions: This domain focuses on Security Engineers and Compliance Officers and addresses improving code quality with Copilot's test suggestions and security optimizations. It covers identification of security vulnerabilities, performance enhancements, and privacy features like content exclusions at repository and organization levels with explanation of their limitations. Candidates learn about safeguarding mechanisms such as duplication detection, contractual protections, security checks, and troubleshooting guide for common Copilot issues including context exclusions and suggestion gaps.</li> </ul>
Topic 5	<ul style="list-style-type: none"> <li>Responsible :This section of the exam measures skills of AI Ethics Officers and Risk Managers and covers the responsible and ethical usage of AI technologies. It explains the risks and limitations associated with generative AI tools, including biases in training data and the need to validate AI outputs. Candidates learn how to operate AI responsibly by identifying potential harms such as bias, fairness, privacy concerns, and mitigating these harms by applying ethical AI principles.</li> </ul>

## Microsoft GitHub Copilot Sample Questions (Q78-Q83):

### NEW QUESTION # 78

How can you use GitHub Copilot to get inline suggestions for refactoring your code? (Select two.)

- A. By running the `gh copilot fix` command.
- B. By highlighting the code you want to fix, right-clicking, and selecting "Refactor using GitHub Copilot."
- C. By using the `/fix` command in GitHub Copilot in-line chat.
- D. By adding comments to your code and triggering a suggestion.
- E. By highlighting the code you want to fix, right-clicking, and selecting "Fix using GitHub Copilot."

**Answer: B,D**

Explanation:

You can use GitHub Copilot for inline refactoring suggestions by adding comments to your code to trigger suggestions and by highlighting the code and selecting "Refactor using GitHub Copilot" from the context menu.

Reference: GitHub Copilot refactoring documentation.

### NEW QUESTION # 79

If you are working on open source projects, GitHub Copilot Individual can be paid:

- A. Based on the payment method in your user profile
- B. Through an invoice or a credit card
- C. N/A - Copilot Individual is a free service for all open source projects
- D. Through an Azure Subscription

**Answer: A**

Explanation:

"GitHub Copilot Individual subscriptions are billed using the payment method configured in your GitHub user profile." There is no free tier for open source projects, so option A is correct.

References: GitHub Copilot billing documentation.

### NEW QUESTION # 80

What role does chat history play in GitHub Copilot's code suggestions?

- A. Chat history is stored and shared with other users to enhance collaboration.
- B. Chat history provides context to GitHub Copilot, improving the relevance and accuracy of its code suggestions.
- C. Chat history is used to train the GitHub Copilot model in real-time.
- D. Chat history is irrelevant to GitHub Copilot and does not affect its functionality.

**Answer: B**

Explanation:

Chat history provides valuable context to GitHub Copilot, helping it generate more relevant and accurate code suggestions based on previous interactions and conversations.

### NEW QUESTION # 81

How does GitHub Copilot Chat utilize its training data and external sources to generate responses when answering coding questions?

- A. It uses user-provided documentation exclusively to generate responses.
- B. It combines its training data set, code in user repositories, and external sources like Bing to generate responses.
- C. It primarily relies on the model's training data to generate responses.
- D. It primarily uses search results from Bing to generate responses.

**Answer: B**

Explanation:

GitHub Copilot Chat combines its training data, code from user repositories, and external sources like Bing to generate comprehensive and relevant responses to coding questions.

### NEW QUESTION # 82

Select a strategy to increase the performance of GitHub Copilot Chat.

- A. Limit the number of concurrent users accessing GitHub Copilot Chat
- B. Apply prompt engineering techniques to be more specific
- C. Use a single GitHub Copilot Chat query to find resolutions for the collection of technical requirements
- D. Optimize the usage of memory-intensive operations within generated code

**Answer: B**

Explanation:

Applying prompt engineering techniques to be more specific is the best strategy to increase the performance and relevance of GitHub Copilot Chat's responses.

