

Microsoft

Exam Questions GH-300

GitHub Copilot Exam



NEW QUESTION 1

How long does it take content exclusion to add or be updated?

- A. Up to 30 minutes
- B. 45 - 60 minutes
- C. 60 - 90 minutes
- D. 24 hours

Answer: A

NEW QUESTION 2

What is the primary purpose of organization audit logs in GitHub Copilot Business?

- A. To track the number of lines of code suggested by Copilot
- B. To assign software licenses within the organization
- C. To monitor code conflicts across repositories
- D. To monitor administrator activities and actions within the organization

Answer: D

NEW QUESTION 3

What is used by GitHub Copilot in the IDE to determine the prompt context?

- A. Information from the IDE like open tabs, cursor location, selected code.
- B. All the code in the current repository and any git submodules.
- C. The open tabs in the IDE and the current folder of the terminal.
- D. All the code visible in the current IDE.

Answer: A

NEW QUESTION 4

Why might a Generative AI (Gen AI) tool create inaccurate outputs?

- A. The Gen AI tool is overloaded with too many requests at once.
- B. The Gen AI tool is experiencing downtime and is not fully recovered.
- C. The Gen AI tool is programmed with a focus on creativity over factual accuracy.
- D. The training data might contain biases or inconsistencies.

Answer: D

NEW QUESTION 5

How long does GitHub retain Copilot data for Business and Enterprise? (Each correct answer presents part of the solution. Choose two.)

- A. Prompts and Suggestions: Not retained
- B. Prompts and Suggestions: Retained for 28 days
- C. User Engagement Data: Kept for Two Years
- D. User Engagement Data: Kept for One Year

Answer: BC

NEW QUESTION 6

What is the best way to share feedback about GitHub Copilot Chat when using it on GitHub Mobile?

- A. Use the emojis in the Copilot Chat interface.
- B. The feedback section on the GitHub website.
- C. By tweeting at GitHub's official X (Twitter) account.
- D. The Settings menu in the GitHub Mobile app.

Answer: A

NEW QUESTION 7

What are the potential risks associated with relying heavily on code generated from GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)

- A. GitHub Copilot may introduce security vulnerabilities by suggesting code with known exploits.
- B. GitHub Copilot may decrease developer velocity by requiring too much time in prompt engineering.
- C. GitHub Copilot's suggestions may not always reflect best practices or the latest coding standards.
- D. GitHub Copilot may increase development lead time by providing irrelevant suggestions.

Answer: AC

NEW QUESTION 8

How does GitHub Copilot suggest code optimizations for improved performance?

- A. By analyzing the codebase and suggesting more efficient algorithms or data structures.
- B. By automatically rewriting the codebase to use more efficient code.
- C. By enforcing strict coding standards that ensure optimal performance.
- D. By providing detailed reports on the performance of the codebase.

Answer: A

NEW QUESTION 9

What method can a developer use to generate sample data with GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)

- A. Utilizing GitHub Copilot's ability to create fictitious information from patterns in training data.
- B. Leveraging GitHub Copilot's ability to independently initiate and manage data storage services.
- C. Utilize GitHub Copilot's capability to directly access and use databases to create sample data.
- D. Leveraging GitHub Copilot's suggestions to create data based on API documentation in the repository.

Answer: AD

NEW QUESTION 10

Which principle emphasizes that AI systems should be understandable and provide clear information on how they work?

- A. Fairness
- B. Transparency
- C. Inclusiveness
- D. Accountability

Answer: B

NEW QUESTION 10

How can the concept of fairness be integrated into the process of operating an AI tool?

- A. Focusing on accessibility will ensure fairness.
- B. Focusing on collecting large datasets for training will ensure fairness.
- C. Regularly monitoring the AI tool's performance will ensure fairness in its outputs.
- D. Training AI data and algorithms to be free from biases will ensure fairness.

Answer: D

NEW QUESTION 12

How does GitHub Copilot Chat help to fix security issues in your codebase?

- A. By enforcing strict coding standards that prevent the introduction of vulnerabilities.
- B. By providing detailed reports on the security vulnerabilities present in the codebase.
- C. By annotating the given suggestions with known vulnerability patterns.
- D. By automatically refactoring the entire codebase to remove vulnerabilities.

Answer: C

NEW QUESTION 17

How is GitHub Copilot Individual billed? (Each correct answer presents part of the solution. Choose two.)

- A. Monthly as a subscription
- B. Annually as a subscription
- C. Monthly, as a metered service based on actual consumption
- D. Free (not billed) for all open source projects

Answer: AB

NEW QUESTION 20

What is the impact of the "Fill-In-the-Middle" (FIM) technique on GitHub Copilot's code suggestions?

- A. Restricts Copilot to use only external databases for generating code suggestions.
- B. Allows Copilot to generate suggestions based only on the prefix of the code.
- C. Ignores both the prefix and suffix of the code, focusing only on user comments for context.
- D. Improves suggestions by considering both the prefix and suffix of the code, filling in the middle part more accurately.

Answer: D

NEW QUESTION 22

Why is code reviewing still necessary when using GitHub Copilot to write tests?

- A. Because GitHub Copilot can cover all possible scenarios in your test cases.
- B. Because GitHub Copilot generates the best code possible for the test scenario.
- C. Because GitHub Copilot's generated test cases may not cover all possible scenarios.
- D. Because GitHub Copilot replaces the need for manual testing.

Answer: C

NEW QUESTION 26

What role does the pre-processing of user input play in the data flow of GitHub Copilot Chat?

- A. It filters out irrelevant information from the user's input prompt.
- B. It enriches the input prompt with additional context before passing it to the language model.
- C. It directly generates a response based on the user's input prompt.
- D. It formats the output response before presenting it to the user.

Answer: B

NEW QUESTION 28

How can GitHub Copilot assist with code refactoring tasks?

- A. GitHub Copilot can fix syntax errors without user input.
- B. GitHub Copilot can automatically rewrite code to follow best practices.
- C. GitHub Copilot can suggest refactoring improvements for better code quality.
- D. GitHub Copilot can remove unnecessary files from the project directory.

Answer: C

NEW QUESTION 31

What is the correct way to access the audit log events for GitHub Copilot Business?

- A. Navigate to the Security tab in the organization's GitHub settings
- B. Navigate to the Insights tab in the repository settings
- C. Use the Audit log section in the organization's GitHub settings
- D. Use the Code tab in the GitHub repository

Answer: C

NEW QUESTION 35

How does the /tests slash command assist developers?

- A. Constructs detailed test documentation.
- B. Creates unit tests for the selected code.
- C. Integrates with external testing frameworks.
- D. Executes test cases to find issues with the code.

Answer: B

NEW QUESTION 40

What do you check when GitHub Copilot content exclusions are not working? (Each correct answer presents part of the solution. Choose two.)

- A. If GitHub Copilot can connect to the server selected in your user settings.
- B. If the user is part of the content exclusion team that limits the use of content exclusions.
- C. If the content exclusion settings changed in the last 30 minutes or before that.
- D. If the user is in an organization that has content exclusions configured.

Answer: CD

NEW QUESTION 43

A team is using GitHub Copilot Individual in their daily development activities. They need to exclude specific files from being used to inform code completion suggestions. How can they achieve this?

- A. Have an organization owner configure content exclusions
- B. Add a .gitignore file to the repo
- C. Have a repo administrator configure content exclusions
- D. Use the #file Chat variable to exclude the files
- E. Upgrade to Copilot Business

Answer: E

NEW QUESTION 45

How does GitHub Copilot Chat ensure that a function works correctly?

- A. By suggesting assertions based on the code's context and semantics.
- B. By automatically writing all the tests for the function.
- C. By writing the implementation code for the function.
- D. By executing the test cases to validate the correctness of the code.

Answer: A

NEW QUESTION 46

Which of the following statements best describes the impact of GitHub Copilot on the software development process?

- A. It decreases software vulnerabilities from third party dependencies.
- B. It reduces overhead by automating testing workflows.
- C. It increases productivity by automating repetitive coding tasks.
- D. It replaces the need for developers in the software development process.

Answer: C

NEW QUESTION 51

What method can be used to interact with GitHub Copilot?

- A. By using a properly configured GitHub CLI
- B. By using chat capabilities in NeoVim
- C. From a watch window in an IDE debug session
- D. From a web browser at <https://github.copilot.com>

Answer: B

NEW QUESTION 55

What should developers consider when relying on GitHub Copilot for generating code that involves statistical analysis?

- A. GitHub Copilot can independently verify the statistical significance of results.
- B. GitHub Copilot's suggestions are based on statistical trends and may not always apply accurately to specific datasets.
- C. GitHub Copilot will automatically correct any statistical errors found in the user's initial code.
- D. GitHub Copilot can design new statistical methods that have not been previously documented.

Answer: B

NEW QUESTION 59

Which of the following statements correctly describes how GitHub Copilot Individual uses prompt data? (Each correct answer presents part of the solution. Choose two.)

- A. Prompt data is stored unencrypted for faster processing.
- B. Prompt data is used internally by GitHub for improving the search engine.
- C. Prompt data is used to train machine learning models for better code suggestions.
- D. Real-time user input helps generate context-aware code suggestions.

Answer: CD

NEW QUESTION 64

Which GitHub Copilot plan could an Azure DevOps organization use without requiring a GitHub Enterprise license?

- A. GitHub Copilot Individual
- B. GitHub Copilot Enterprise
- C. GitHub Copilot for Azure DevOps
- D. Copilot Teams

Answer: C

NEW QUESTION 67

What is a benefit of using custom models in GitHub Copilot?

- A. Responses are faster to produce and appear sooner
- B. Responses use practices and patterns in your repositories
- C. Responses use the organization's LLM engine
- D. Responses are guaranteed to be correct

Answer: B

NEW QUESTION 69

When using GitHub Copilot Chat to generate unit tests, which slash command would you use?

- A. /init-tests
- B. /create-tests
- C. /generate-tests
- D. /tests

Answer: D

NEW QUESTION 70

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

- A. By adding comments to your code and triggering a suggestion.

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

Answer: AE

NEW QUESTION 72

What are two techniques that can be used to improve prompts to GitHub Copilot? (Select two.)

- A. Provide specific success criteria
- B. Provide all information about the utilized files
- C. Provide insight on where to get the content from to get a response
- D. Provide links to supporting documentation

Answer: AD

NEW QUESTION 75

Why is it important to ensure the security of the code used in Generative AI (Gen AI) tools?

- A. Ensuring code security prevents unauthorized access and potential data breaches.
- B. Ensuring code security supports the development of more advanced AI features.
- C. Ensuring code security enables the AI system to handle larger datasets effectively.
- D. Ensuring code security maintains the integrity of the AI system.

Answer: A

NEW QUESTION 77

What are the additional checks that need to pass before the GitHub Copilot responses are submitted to the user? (Each correct answer presents part of the solution. Choose two.)

- A. Code quality
- B. Compatibility with user-specific settings
- C. Suggestions matching public code (optional based on settings)
- D. Performance benchmarking

Answer: AC

NEW QUESTION 80

How does GitHub Copilot Chat help in understanding the existing codebase?

- A. By running code linters and formatters.
- B. By providing visual diagrams of the code structure.
- C. By answering questions about the code and generating explanations.
- D. By automatically refactoring code to improve readability.

Answer: C

NEW QUESTION 84

What is the correct way to exclude specific files from being used by GitHub Copilot Business during code suggestions?

- A. Modify the .gitignore file to include the specific files.
- B. Add the specific files to a copilot.ignore file.
- C. Use the GitHub Copilot settings in the user interface to exclude files.
- D. Rename the files to include the suffix _no_copilot.

Answer: C

NEW QUESTION 86

Identify the right use cases where GitHub Copilot Chat is most effective. (Each correct answer presents part of the solution. Choose two.)

- A. Create a technical requirement specification from the business requirement documentation
- B. Explain a legacy COBOL code and translate the code to another language like Python.
- C. Creation of a unit test scenario for newly developed Python code
- D. Creation of end-to-end performance testing scenarios for a web application

Answer: BC

NEW QUESTION 91

What is the process behind identifying public code matches when using a public code filter enabled in GitHub Copilot?

- A. Running code suggestions through filters designed to detect public code
- B. Comparing suggestions against public code using machine learning.
- C. Analyzing the context and structure of the code being written
- D. Reviewing the user's browsing history to identify public repositories

Answer: A

NEW QUESTION 92

How can you improve the context used by GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)

- A. By opening the relevant tabs in your IDE
- B. By adding relevant code snippets to your prompt
- C. By adding the important files to your .gitconfig
- D. By adding the full file paths to your prompt of important files

Answer: AB

NEW QUESTION 96

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