



Microsoft

Exam Questions GH-300

GitHub Copilot Exam

NEW QUESTION 1

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 2

Which of the following is correct about GitHub Copilot Knowledge Bases?

- A. All repos are indexed
- B. Indexing is static
- C. It is an Enterprise feature
- D. All file types are indexed

Answer: C

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

When using GitHub Copilot Chat to generate boilerplate code for various test types, how can you guide the AI to follow the testing standards of your company?

- A. By using a specific setting in GitHub Copilot's configuration.
- B. By using a specific command in the terminal.
- C. By using specific prompt examples in your chat request.
- D. By using a specific slash command in the prompt.

Answer: C

NEW QUESTION 5

How does GitHub Copilot typically handle code suggestions that involve deprecated features or syntax of programming languages?

- A. GitHub Copilot automatically updates deprecated features in its suggestions to the latest version.
- B. GitHub Copilot may suggest deprecated syntax or features if they are present in its training data.
- C. GitHub Copilot always filters out deprecated elements to promote the use of current standards.
- D. GitHub Copilot rejects all prompts involving deprecated features to avoid compilation errors.

Answer: B

NEW QUESTION 6

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 7

How can GitHub Copilot assist in maintaining consistency across your tests?

- A. By identifying a pattern in the way you write tests and suggesting similar patterns for future tests.
- B. By automatically fixing all tests in the code based on the context.
- C. By providing documentation references based on industry best practices.
- D. By writing the implementation code for the function based on context.

Answer: A

NEW QUESTION 8

How does GitHub Copilot assist developers in reducing the amount of manual boilerplate code they write?

- A. By engaging in real-time collaboration with multiple developers to write boilerplate code.
- B. By predicting future coding requirements and pre-emptively generating boilerplate code.
- C. By refactoring the entire codebase to eliminate boilerplate code without developer input.
- D. By suggesting code snippets that can be reused across different parts of the project.

Answer: D

NEW QUESTION 9

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- A. The API can generate detailed reports on code quality improvements made by GitHub Copilot.
- B. The API can track the acceptance rate of code suggestions accepted and used in the organization.
- C. The API can refactor your code to improve productivity.
- D. The API can provide feedback on coding style and standards compliance.
- E. The API can provide Copilot Chat specific suggestions acceptance metrics.

Answer: BE

NEW QUESTION 10

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

What are the effects of content exclusions? (Each correct answer presents part of the solution. Choose two.)

- A. The excluded content is not directly available to GitHub Copilot to use as context.
- B. GitHub Copilot suggestions are no longer available in the excluded files.
- C. The excluded content is no longer used while debugging the code.
- D. The IDE will not count coding suggestions in the excluded content.

Answer: AB

NEW QUESTION 13

What types of prompts or code snippets might be flagged by the GitHub Copilot toxicity filter? (Each correct answer presents part of the solution. Choose two.)

- A. Hate speech or discriminatory language (e.g., racial slurs, offensive stereotypes)
- B. Sexually suggestive or explicit content
- C. Code that contains logical errors or produces unexpected results
- D. Code comments containing strong opinions or criticisms

Answer: AB

NEW QUESTION 15

When using an IDE with a supported GitHub Copilot plug-in, which Chat features can be accessed from within the IDE? (Each correct answer presents part of the solution. Choose two.)

- A. Explain code and suggest improvements
- B. Generate unit tests
- C. Plan coding tasks
- D. Find out about releases and commits

Answer: AB

NEW QUESTION 16

What is one of the recommended practices when using GitHub Copilot Chat to enhance code quality?

- A. Avoid using Copilot for complex tasks.
- B. Disable Copilot's inline suggestions.
- C. Regularly review and refactor the code suggested by Copilot.
- D. Rely solely on Copilot's suggestions without reviewing them.

Answer: C

NEW QUESTION 19

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 20

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 24

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 28

When can GitHub Copilot still use content that was excluded using content exclusion?

- A. If the contents of an excluded file are referenced in code that is not excluded, for example function calls.
- B. When the repository level settings allow overrides by the user.
- C. If the content exclusion was configured at the enterprise level, and is overwritten at the organization level.
- D. When the user prompts with @workspace.

Answer: A

NEW QUESTION 33

In what way can GitHub Copilot and GitHub Copilot Chat aid developers in modernizing applications?

- A. GitHub Copilot can directly convert legacy applications into cloud-native architectures.
- B. GitHub Copilot can suggest modern programming patterns based on your code.
- C. GitHub Copilot can create and deploy full-stack applications based on a single query.
- D. GitHub Copilot can refactor applications to align with upcoming standards.

Answer: B

NEW QUESTION 35

How can GitHub Copilot facilitate a smoother learning experience when diving into a new programming language? (Each correct answer presents part of the solution. Choose two.)

- A. GitHub Copilot Chat can provide guidance and support for common coding tasks and challenges in the targeted programming language.
- B. GitHub Copilot's /understand command will help GitHub Copilot to understand code written in a targeted programming language.
- C. GitHub Copilot can provide contextualized code suggestions and answer sources from an organization's documentation.
- D. GitHub Copilot can convert comments into code to grasp the syntax and nuances of a new programming language.

Answer: AD

NEW QUESTION 38

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 41

What is the primary role of the /optimize slash command in Visual Studio?

- A. Translates code into a more performant language.
- B. Enhances the performance of the selected code by analyzing its runtime complexity.
- C. Automatically formats the code according to the selected style guide.
- D. Summarizes your documentation into more maintainable and readable formats.

Answer: B

NEW QUESTION 46

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 50

How do you generate code suggestions with GitHub Copilot in the CLI?

- A. Write code comments -> Press the suggestion shortcut -> Select the best suggestion from the list.
- B. Use copilot suggest -> Write the command you want -> Select the best suggestion from the list.
- C. Type out the code snippet -> Use the copilot refine command to enhance it -> Review the suggested command.
- D. Describe the project's architecture -> Use the copilot generate command -> Accept the generated suggestion.

Answer: A

NEW QUESTION 53

What is few-shot prompting?

- A. Telling GitHub Copilot about the mechanism you want it to use and how to incorporate that into the response
- B. Telling GitHub Copilot from which sources it should base the response on
- C. Telling GitHub Copilot to try multiple times to answer the prompt
- D. Telling GitHub Copilot to iterate several times on the answer before returning it to you

Answer: A

NEW QUESTION 57

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 60

What reasons could apply if code suggestions are not working in your editor? (Select three.)

- A. You are working in files included in your .gitignore
- B. You do not have an active internet connection
- C. Your programming language is not supported
- D. Your content exclusion is active and blocks the use of GitHub Copilot
- E. You do not have a valid GitHub Copilot license

Answer: BCE

NEW QUESTION 64

How does GitHub Copilot identify matching code and ensure that public code is appropriately handled or blocked? (Each correct answer presents part of the solution. Choose two.)

- A. Using machine learning models trained only on private repositories
- B. Reviewing and storing user-specific private repository data for future suggestions
- C. Filtering out suggestions that match code from public repositories
- D. Implementing safeguards to detect and avoid suggesting verbatim snippets from public code

Answer: CD

NEW QUESTION 69

Where can you validate if GitHub Copilot is not returning suggestions because of content exclusions?

- A. The GitHub Copilot icon in the status bar of the editor will display a message
- B. The GitHub Copilot logs on GitHub.com under your user settings
- C. The code suggestions window will display a warning message
- D. The GitHub Copilot errors panel in your IDE

Answer: A

NEW QUESTION 74

How does GitHub Copilot utilize chat history to enhance its code completion capabilities?

- A. By using chat history to offer personalized code snippets based on previous prompts.
- B. By logging chat history to monitor user activity and ensure compliance with coding standards.
- C. By analyzing past chat interactions to identify common programming patterns and errors.
- D. By sharing chat history with third-party services to improve integration and functionality.

Answer: C

NEW QUESTION 75

Identify the steps involved in the life cycle of a GitHub Copilot code suggestion? (Each correct answer presents part of the solution. Choose two.)

- A. Generate suggestions
- B. Capturing the user's context
- C. Processing telemetry data
- D. Retraining the model
- E. Storing user data

Answer: AB

NEW QUESTION 76

Which of the following steps correctly demonstrates how to establish an organization-wide policy for GitHub Copilot Business to restrict its use to certain repositories?

- A. Apply policies through the GitHub Actions configuration
- B. Create a copilot.policy file in each repository
- C. Configure the policies in the organization settings
- D. Create a copilot.policy in the .github repository

Answer: C

NEW QUESTION 80

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 81

What types of content can GitHub Copilot Knowledge Base answer questions about? (Each correct answer presents part of the solution. Choose three.)

- A. Code snippets
- B. Compiled binaries
- C. Documentation
- D. Design patterns
- E. Screenshots

Answer: ACD

NEW QUESTION 85

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 87

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 88

What type of information can you retrieve through GitHub Copilot Business Subscriptions via REST API? (Each correct answer presents part of the solution. Choose two.)

- A. Get a summary of GitHub Copilot usage for organization members
- B. List all GitHub Copilot seat assignments for an organization
- C. View code suggestions for a specific user
- D. List of all unsubscribed GitHub Copilot members within an organization

Answer: AB

NEW QUESTION 90

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

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

Answer: B

NEW QUESTION 91

What GitHub Copilot feature can be configured at the organization level to prevent GitHub Copilot suggesting publicly available code snippets?

- A. GitHub Copilot Chat in the IDE
- B. GitHub Copilot Chat in GitHub Mobile
- C. GitHub Copilot duplication detection filter
- D. GitHub Copilot access to Bing

Answer: C

NEW QUESTION 92

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 94

How does GitHub Copilot assist developers in minimizing context switching?

- A. GitHub Copilot can automatically handle project management tasks.
- B. GitHub Copilot can completely replace the need for human collaboration.
- C. GitHub Copilot can predict and prevent bugs before they occur.
- D. GitHub Copilot allows developers to stay in their IDE.

Answer: D

NEW QUESTION 97

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 101

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 102

Which Copilot Enterprise features are available in all commercially supported IDEs?

- A. Inline suggestions

- B. Pull request summaries
- C. Knowledge bases
- D. Chat

Answer: AD

NEW QUESTION 104

What content can be configured to be excluded with content exclusions? (Each correct answer presents part of the solution. Choose three.)

- A. Files
- B. Folders
- C. Lines in files
- D. Gists
- E. Repositories

Answer: ABE

NEW QUESTION 105

What GitHub Copilot pricing plan gives you access to your company's knowledge bases?

- A. GitHub Copilot Individual
- B. GitHub Copilot Business
- C. GitHub Copilot Enterprise
- D. GitHub Copilot Professional

Answer: C

NEW QUESTION 107

What practices enhance the quality of suggestions provided by GitHub Copilot? (Select three.)

- A. Clearly defining the problem or task
- B. Including personal information in the code comments
- C. Using meaningful variable names
- D. Providing examples of desired output
- E. Use a .gitignore file to exclude irrelevant files

Answer: ACD

NEW QUESTION 112

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 114

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 119

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 120

How can GitHub Copilot be limited when it comes to suggesting unit tests?

- A. GitHub Copilot can generate all types of unit tests, including those for edge cases and complex integration scenarios.
- B. GitHub Copilot primarily suggests basic unit tests that focus on core functionalities, often requiring additional input from developers for comprehensive coverage.
- C. GitHub Copilot can handle any complexity in code and automatically generate appropriate unit tests.

D. GitHub Copilot's limitations in generating unit tests can vary based on the IDE version you are using.

Answer: B

NEW QUESTION 123

What are the potential limitations of GitHub Copilot Chat? (Each correct answer presents part of the solution. Choose two.)

- A. Limited training data
- B. No biases in code suggestions
- C. Ability to handle complex code structures
- D. Extensive support for all programming languages

Answer: AC

NEW QUESTION 124

When can GitHub Copilot still use content that was excluded using content exclusion?

- A. When the user prompts with @workspace.
- B. When the repository-level settings allow overrides by the user.
- C. If the contents of an excluded file are referenced in code that is not excluded, for example function calls.
- D. If the content exclusion was configured at the enterprise level, and is overwritten at the organization level.

Answer: C

NEW QUESTION 126

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