



Microsoft

Exam Questions GH-300

GitHub Copilot Exam

NEW QUESTION 1

What GitHub Copilot configuration needs to be enabled to protect against IP infringements?

- A. Blocking public code matches
- B. Blocking license check configuration
- C. Allowing public code matches
- D. Allowing license check configuration

Answer: A

NEW QUESTION 2

Which GitHub Copilot plan allows for prompt and suggestion collection?

- A. GitHub Copilot Individuals
- B. GitHub Copilot Business
- C. GitHub Copilot Enterprise
- D. GitHub Copilot Codespace

Answer: C

NEW QUESTION 3

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 4

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 5

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

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

Answer: C

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

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 8

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 9

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 10

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 10

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 11

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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 15

What is a likely effect of GitHub Copilot being trained on commonly used code patterns?

- A. Suggest innovative coding solutions that are not yet popular.
- B. Suggest completely novel projects, while reducing time on a project.
- C. Suggest code snippets that reflect the most common practices in the training data.
- D. Suggest homogeneous solutions if provided a diverse data set.

Answer: C

NEW QUESTION 17

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 20

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 24

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

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

Answer: C

NEW QUESTION 26

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 28

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 29

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 32

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 35

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 37

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 42

What two options navigate to configure duplicate detection? (Each correct answer presents part of the solution. Choose two.)

- A. Enterprise settings Copilot Policies
- B. Repository settings Copilot Policies
- C. Organization settings Copilot Policies
- D. User settings Copilot Policies

Answer: AC

NEW QUESTION 45

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 47

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

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

Answer: C

NEW QUESTION 48

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 51

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 56

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 59

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 64

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 65

A company is currently storing code in Bitbucket and would like to use GitHub Copilot. Which GitHub Copilot plan will be most cost effective to allow them to manage users with their Identity Provider (e.g. Okta)?

- A. GitHub Copilot Business for non-GHE customers
- B. GitHub Copilot Individual
- C. GitHub Copilot Enterprise
- D. GitHub Copilot Teams

Answer: C

NEW QUESTION 66

Where is the proxy service hosted?

- A. Self hosted
- B. Amazon Web Service
- C. Microsoft Azure
- D. Google Cloud Platform

Answer: C

NEW QUESTION 67

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 72

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 74

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 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 77

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 79

What configuration needs to be set to get help from Microsoft and GitHub protecting against IP infringement while using GitHub Copilot?

- A. Suggestions matching public code to 'blocked'
- B. Enforce blocking of MIT or GPL licensed code
- C. You need to check code suggestions yourself before accepting
- D. Enable GitHub Copilot license checking

Answer: A

NEW QUESTION 81

What specific function does the /fix slash command perform?

- A. Initiates a code review with static analysis tools for security and logic errors.
- B. Converts pseudocode into executable code, optimizing for readability and maintainability.
- C. Generates new code snippets based on language syntax and best practices.
- D. Proposes changes for detected issues, suggesting corrections for syntax errors and programming mistakes.

Answer: D

NEW QUESTION 82

Which of the following describes role prompting?

- A. Describing in your prompt what your role is to get a better suggestion
- B. Tell GitHub Copilot in what tone of voice it should respond
- C. Prompt GitHub Copilot to explain what was the role of a suggestion
- D. Giving GitHub Copilot multiple examples of the form of the data you want to use

Answer: A

NEW QUESTION 84

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

- A. Optimize the usage of memory-intensive operations within generated code
- 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. Limit the number of concurrent users accessing GitHub Copilot Chat

Answer: B

NEW QUESTION 86

How can GitHub Copilot aid developers in writing documentation for their code?

- A. GitHub Copilot cannot assist in writing documentation or comments.
- B. GitHub Copilot can automatically generate complete and detailed documentation.
- C. GitHub Copilot can suggest summaries or descriptions based on the code's functionality.
- D. GitHub Copilot can only generate content in markdown format.

Answer: C

NEW QUESTION 90

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 91

When crafting prompts for GitHub Copilot, what is a recommended strategy to enhance the relevance of the generated code?

- A. Keep the prompt as short as possible, using single words or brief phrases.
- B. Write the prompt in natural language without any programming language.
- C. Avoid mentioning the programming language to allow for more flexible suggestions.
- D. Provide examples of expected input and output within the prompt.

Answer: D

NEW QUESTION 96

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 98

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 101

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 102

Which of the following is a risk associated with using AI?

- A. AI algorithms are incapable of perpetuating existing biases.
- B. AI systems can sometimes make decisions that are difficult to interpret.
- C. AI eliminates the need for data privacy regulations.
- D. AI replaces the need for developer opportunities in most fields.

Answer: B

NEW QUESTION 107

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 111

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 116

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 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 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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