

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

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 4

What is zero-shot prompting?

- A. Only giving GitHub Copilot a question as a prompt and no examples
- B. Giving GitHub Copilot examples of the problem you want to solve
- C. Telling GitHub Copilot it needs to show only the correct answer
- D. Giving GitHub Copilot examples of the algorithm and outcome you want to use
- E. Giving as little context to GitHub Copilot as possible

Answer: A

NEW QUESTION 5

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 6

What can be done during AI development to minimize bias?

- A. Improve on the computational efficiency and speed.
- B. Focus on accuracy of the data.
- C. Collect massive amounts of data for training.
- D. Use diverse data, fairness metrics, and human oversight.

Answer: D

NEW QUESTION 7

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 8

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 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

Which of the following scenarios best describes the intended use of GitHub Copilot Chat as a tool?

- A. A complete replacement for developers generating code.
- B. A productivity tool that provides suggestions, but relying on human judgment.
- C. A solution for software development, requiring no additional input or oversight.
- D. A tool solely designed for debugging and error correction.

Answer: B

NEW QUESTION 13

How can GitHub Copilot assist developers during the requirements analysis phase of the Software Development Life Cycle (SDLC)?

- A. By automatically generating detailed requirements documents.
- B. By providing templates and code snippets that help in documenting requirements.
- C. By identifying and fixing potential requirement conflicts when using /help.
- D. By managing stakeholder communication and meetings.

Answer: B

NEW QUESTION 14

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 15

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 19

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 22

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 25

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 27

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 29

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 33

How can the insights gained from the metrics API be used to improve the development process in conjunction with GitHub Copilot?

- A. Real-time debugging and error resolution statistics.
- B. Insights on the types of coding languages where GitHub Copilot is most helpful.
- C. Automated generation of complete project documentation.
- D. Detailed analysis of GitHub Copilot's suggestions v
- E. manual coding.

Answer: D

NEW QUESTION 35

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 39

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 44

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 48

Which of the following GitHub Copilot Business related activities can be tracked using the organization audit logs?

- A. Accepted chat suggestions
- B. Code suggestions made by GitHub Copilot
- C. Changes to content exclusion settings
- D. Suggestions blocked by duplication detection filtering

Answer: C

NEW QUESTION 52

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 58

Where is the proxy service hosted?

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

Answer: C

NEW QUESTION 59

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

Which of the following does GitHub Copilot's LLM derive context from when producing a response?

- A. Frequency of commits to the repository
- B. Syntax highlighting scheme of the code in the IDE
- C. Neighboring or related files within a project
- D. Version control system integrated with the IDE

Answer: C

NEW QUESTION 63

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 64

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 67

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 70

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 72

What kind of insights can the GitHub Copilot usage metrics API provide to help evaluate the effectiveness of GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)

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

Answer: BC

NEW QUESTION 76

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 77

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 82

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

What is a limitation of content exclusions?

- A. Repository administrators and organization owners cannot manage content exclusion settings.
- B. Content exclusions can be worked around as it is only available for Git repositories.
- C. Content exclusions can only be configured by an enterprise administrator.
- D. Content exclusions are only available in the GitHub Copilot Individual plan.

Answer: C

NEW QUESTION 87

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 89

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 92

When using GitHub Copilot to identify missing tests in your codebase, which of the following is the most important factor to consider?

- A. Using well-known coding practices in your repository.
- B. Ensuring that the correct context is available to GitHub Copilot.
- C. Close all the tabs in your IDE that do not have tests in them.
- D. Having a high test coverage percentage in the codebase.

Answer: B

NEW QUESTION 95

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 97

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 100

How does GitHub Copilot Enterprise assist in code reviews during the pull request process? (Select two.)

- A. It automatically merges pull requests after an automated review.
- B. It generates a prose summary and a bulleted list of key changes for pull requests.
- C. It can validate the accuracy of the changes in the pull request.
- D. It can answer questions about the changeset of the pull request.

Answer: BD

NEW QUESTION 104

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 108

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 110

What is a key consideration when relying on GitHub Copilot Chat's explanations of code functionality and proposed improvements?

- A. The explanations are dynamically updated based on user feedback.
- B. Reviewing and validating the generated output for accuracy and completeness.
- C. GitHub Copilot Chat uses a static database for generating explanations.
- D. The explanations are primarily derived from user-provided documentation.

Answer: B

NEW QUESTION 114

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 117

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 122

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 124

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 127

What are the different ways to give context to GitHub Copilot to get more precise responses? (Each correct answer presents part of the solution. Choose two.)

- A. Utilize to interpret developer's thoughts and intentions without any code or comments.
- B. Engage with chat participants such as @workspace to incorporate collaborative context into the responses.
- C. Access developer's previous projects and code repositories to understand their coding style without explicit permission.
- D. Utilize chat variables like *file to anchor the conversation within the specific context of the files or editors in use.

Answer: BD

NEW QUESTION 129

What are the potential limitations of GitHub Copilot in maintaining existing codebases?

- A. GitHub Copilot can independently manage and resolve all merge conflicts in version control.
- B. GitHub Copilot might not fully understand the context and dependencies within a large codebase.
- C. GitHub Copilot's suggestions are always aware of the entire codebase.
- D. GitHub Copilot can refactor and optimize the entire codebase up to 10,000 lines of code.

Answer: B

NEW QUESTION 133

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 134

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