

Microsoft

Exam Questions GH-300

GitHub Copilot Exam



NEW QUESTION 1

A social media manager wants to use AI to filter content. How can they promote transparency in the platform's AI operations?

- A. By regularly updating the AI filtering algorithm.
- B. By relying on a well-regarded AI development company.
- C. By focusing on user satisfaction with the content filtering.
- D. By providing clear explanations about the types of content the AI is designed to filter and how it arrives at its conclusion.

Answer: D

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

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 5

GitHub Copilot in the Command Line Interface (CLI) can be used to configure the following settings: (Each correct answer presents part of the solution. Choose two.)

- A. The default execution confirmation
- B. Usage analytics
- C. The default editor
- D. GitHub CLI subcommands

Answer: AB

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

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 9

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 10

How can users provide feedback about GitHub Copilot Chat using their IDE?

- A. By filling out a feedback form on the GitHub website
- B. By emailing the support team directly
- C. By posting on the GitHub forums
- D. Through the "Share Feedback" button in the Copilot Chat panel

Answer: D

NEW QUESTION 10

Which GitHub Copilot pricing plans include features that exclude your GitHub Copilot data like usage, prompts, and suggestions from default training GitHub Copilot? (Choose two correct answers.)

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

Answer: AD

NEW QUESTION 14

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blog.yatricloud.com
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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 16

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. N/A – Copilot Individual is a free service for all open source projects
- C. Through an invoice or a credit card
- D. Through an Azure Subscription

Answer: A

NEW QUESTION 20

Which scenarios can GitHub Copilot Chat be used to increase productivity? (Each correct answer presents part of the solution. Choose two.)

- A. A project plan for the team needs to be generated using a project management software.
- B. Create a documentation file for the newly created code base.
- C. A developer is added to a new project and would like to understand the current software code.
- D. Fast tracking of release management activities to move code to production main branch.

Answer: BC

NEW QUESTION 21

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 24

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 29

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 34

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 37

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 42

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 44

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 47

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 52

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 56

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 57

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 58

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 60

How can you get multiple suggestions from GitHub Copilot?

- A. By asking for multiple suggestions using comments in your code
- B. By opening the completions panel in your editor
- C. By using the inline chat functionality with the command 'multiple'
- D. By using @workspace in the chat window

Answer: B

NEW QUESTION 62

Which REST API endpoint is used to modify details about a GitHub Copilot Business subscription? (Each correct answer presents part of the solution. Choose two.)

- A. Add teams to the Copilot subscription for an organization
- B. Upgrade or downgrade the subscription tier
- C. Migrate Copilot seat assignments between GitHub organizations
- D. Reassign Copilot seats based on GitHub repository size
- E. Remove teams from the Copilot subscription for an organization

Answer: AE

NEW QUESTION 64

Where is the proxy service hosted?

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

Answer: C

NEW QUESTION 69

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 71

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 73

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 76

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 80

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 82

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 86

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 88

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 93

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 96

What is the main purpose of the duplication detection filter in GitHub Copilot?

- A. To compare user-generated code against a private repository for potential matches.
- B. To allow administrators to control which suggestions are visible to developers based on custom criteria.
- C. To encourage the user to follow coding best practices preventing code duplication.
- D. To detect and block suggestions that match public code snippets on GitHub if they contain about 150 characters.

Answer: D

NEW QUESTION 98

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 102

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 106

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 110

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 113

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 115

An independent contractor develops applications for a variety of different customers. Assuming no concerns from their customers, which GitHub Copilot plan is best suited?

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

Answer: A

NEW QUESTION 119

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 121

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 122

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 125

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 130

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 132

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 135

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 138

In what ways can GitHub Copilot support a developer during the code refactoring process? (Each correct answer presents part of the solution. Choose two.)

- A. By offering code transformation examples that enhance performance and reduce complexity.
- B. By independently ensuring compliance with regulatory standards across industries.
- C. By providing suggestions for improving code readability and maintainability based on best practices.
- D. By autonomously refactoring entire codebases to the latest programming language.

Answer: AC

NEW QUESTION 142

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 147

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 151

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