

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

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 3

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 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 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 7

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 8

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 9

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 10

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 10

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 14

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 18

1.
blog.yatricloud.com
blog.yatricloud.com

- 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 22

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 25

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 28

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 30

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 35

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 37

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 40

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 44

Which Microsoft ethical AI principle is aimed at ensuring AI systems treat all people equally?

- A. Inclusiveness
- B. Fairness
- C. Reliability and Safety
- D. Privacy and Security

Answer: B

NEW QUESTION 49

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 52

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 55

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 59

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 64

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 65

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 68

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 72

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 74

Which of the following prompts can be used to guide GitHub Copilot Chat in refactoring code for quality improvements? (Each correct answer presents part of the solution. Choose two.)

- A. "Show me how to improve the readability of this function."
- B. "Suggest ways to enhance the maintainability of this code segment."
- C. "Refactor my application to meet the latest coding standards."
- D. "Predict future coding trends and update my codebase accordingly."

Answer: AB

NEW QUESTION 79

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 84

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 88

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 91

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 95

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 99

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 102

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 104

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 105

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 106

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 107

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 112

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 114

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 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 116

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 117

Are there any limitations to consider when using GitHub Copilot for code refactoring?

- A. GitHub Copilot may not always produce optimized or best-practice code for refactoring.
- B. GitHub Copilot can only be used with a limited set of programming languages.
- C. GitHub Copilot always produces bug-free code during refactoring.
- D. GitHub Copilot understands the context of your entire project and refactors code accordingly.

Answer: A

NEW QUESTION 119

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 120

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 123

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 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 126

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 131

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

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 136

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 140

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

GH-300 Practice Exam Features:

- * GH-300 Questions and Answers Updated Frequently
- * GH-300 Practice Questions Verified by Expert Senior Certified Staff
- * GH-300 Most Realistic Questions that Guarantee you a Pass on Your First Try
- * GH-300 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The GH-300 Practice Test Here](#)