

ARTIFICIAL INTELLIGENCE

INTERMEDIATE

2 DAYS

GitHub Copilot Certification Preparation (GH-300)

Structured preparation for the GH-300 GitHub Copilot certification, built around the current published skills outline. Covers all six exam domains with worked scenarios, timed practice examinations and focused review of the areas candidates most often get wrong.

Why GH-300 Certification Preparation?

Blueprint-aligned

Every module maps to a published exam domain, with nothing off-syllabus.

Covers the easy-to-miss domains

Plan-level differences, privacy and policy detail that daily use never teaches.

Practice under exam conditions

Timed question sets with full rationale for every answer option.

Low-cost credential

A vendor-backed certification your team can actually complete in one cycle.

What you'll be able to do

- ✓ Map the six GH-300 exam domains and their relative weighting
- ✓ Explain how Copilot generates suggestions and how developers interact with it
- ✓ Distinguish feature sets across Individual, Business and Enterprise plans
- ✓ Craft prompts effectively for completion, chat and agent scenarios
- ✓ Apply responsible AI principles and privacy practice as GitHub defines them
- ✓ Reason through governance, content exclusion and audit scenarios under time pressure
- ✓ Identify and close personal knowledge gaps before sitting the exam

Who this is for

- Developers preparing for the GH-300 examination
- Tech leads and managers rolling out Copilot across teams
- DevOps and QA engineers seeking a vendor-backed credential
- Organisations standardising Copilot certification across engineering

Curriculum

01 Exam Structure and Study Strategy

- GH-300 format, duration, question count and pass mark
- The six skill domains and how they are weighted
- Pearson VUE registration, online proctoring and test-centre options
- Diagnostic assessment to establish a baseline
- Building a study plan around the domains you are weakest in

02 Copilot Fundamentals and How It Works

- How suggestions are generated and what context is drawn on
- Surfaces the exam covers: completions, chat, agent mode, coding agent and CLI
- Supported IDEs, extensions and configuration
- Practice set with full rationale for every answer option

03 Plans, Features and Administration

- Individual, Business and Enterprise feature differences in exam detail
- Licence management, policy settings and organisation configuration
- Content exclusion and repository scoping
- Practice set with full rationale for every answer option

04 Prompt Engineering and Developer Use Cases

- Prompt crafting for completions, chat and agent scenarios
- Applying Copilot across the software development lifecycle
- Testing, debugging, documentation and refactoring scenarios
- Practice set with full rationale for every answer option

05 Responsible AI, Privacy and Security

- Responsible AI use and stated limitations as the exam frames them
- Data handling, retention and the specifics of published privacy policy
- Security considerations and code quality safeguards
- Practice set with full rationale for every answer option

06 Full Practice Examination and Review

- Timed full-length practice examination under exam conditions
- Item-by-item review of every missed question
- Targeted remediation on the weakest domains
- Exam-day strategy: pacing, flagging and question triage