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Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- Acknowledgments -- About the Author -- About the Technical Editor -- Introduction -- Assessment Test -- Answers to Assessment Test -- Chapter 1: The Fundamentals of AI and Its Responsible Use -- AI Coding and GitHub Copilot -- Programming Languages and Abstraction -- The Basics of AI -- Machine Learning (ML) -- Deep Learning (DL -- Generative AI (GenAI) -- The Risks and Drawbacks of GenAI -- Hallucinations -- Bias -- Security Threats -- Black Box Concerns -- Low-Quality Code -- Limited Context Windows -- Recency Problem -- High Costs -- Responsible AI -- Fairness -- Reliability and Safety -- Privacy and Security -- Inclusiveness -- Transparency -- Accountability -- Multimodel AI Coding -- How AI Makes Software Development Different -- Types of AI Coding Tools -- Amazon Q Developer -- Gemini Code Assist -- Cursor -- V0 -- Replit -- Summary -- Exam Essentials -- Review Questions -- Notes -- Chapter 2: Introduction to GitHub Copilot -- Benefits of GitHub Copilot -- Productivity -- Code Quality -- Pair Programming -- Full-Stack Development -- Learning New Languages -- Attracting and Retaining Talent -- Microsoft and GitHub -- Case Studies -- AMD -- SAP -- Drawbacks of GitHub Copilot -- Versions of GitHub Copilot -- GitHub Accounts -- Free Plan -- Team

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The fastest, most effective way to prepare for the GitHub Copilot certification exam and hone your skills with the popular AI-powered programming tool In the GitHub Copilot Certification Study Guide, tech entrepreneur and Pluralsight trainer, Tom Taulli, delivers a concise and accurate walkthrough of the AI-powered programming tool.
