MSGH-6 - MOC GH-600T00 - DEVELOPING IN AGENTIC AI SYSTEMS

Categoria: **MS GitHub**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
1 Giorni	MS GitHub	Microsoft Certified Trainer	Sviluppatore	Microsoft

OBIETTIVI

This course is designed to build practical skills in developing, deploying, and managing agentic AI systems within GitHub-based software development workflows. The course explores how to integrate AI agents into the software development lifecycle (SDLC), including designing agent architectures, configuring tools and environments, and managing agent memory, state, and execution. Students will learn how to evaluate and optimize agent performance, implement governance and guardrails, and coordinate multi-agent systems to ensure safe, reliable, and efficient outcomes. Through hands-on learning, participants will gain the skills needed to operate, supervise, and govern AI agents in production environments using GitHub as the control plane.

PREREQUISITI

-Basic understanding of AI fundamentals
-Basic understanding of repositories, branches, and pull requests
-General knowledge of CI and CD concepts

CONTENUTI

Developing in Agentic AI Systems Part 1 of 2

-Foundations of Agentic AI in GitHub
-Designing Agent Architecture and SDLC Integration
-Tooling, MCP, and Agent Execution Environments

Developing in agentic AI systems part 2 of 2

-Multi-Agent systems and orchestration
-Memory, State, and Evaluation
-Governance, guardrails, and operations

INFO

Esame: GH-600 - Developing in Agentic AI Systems
Materiale didattico: Materiale didattico ufficiale Microsoft in formato digitale
Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)