

GitHub with CoPilot

Duration – 100 Hours (6 Months)

Introduction to GitHub Copilot – 14 Hours

- Understanding what GitHub Copilot is and its role as an AI pair programmer.
- Interacting with Copilot and setting up its configuration in environments like VS Code.
- Practical exercises for developing with AI-powered code suggestions.

Introduction to Prompt Engineering with GitHub Copilot – 14 Hours

- Foundations and best practices of prompt engineering.
- Understanding the GitHub Copilot user prompt process flow.
- Insights into GitHub Copilot's data usage and Large Language Models (LLMs).

Responsible AI with GitHub Copilot – 14 Hours

- Strategies for mitigating AI risks and addressing ethical considerations.
- Adherence to Microsoft and GitHub's six principles of Responsible AI (e.g., fairness, accountability, transparency).

GitHub Copilot Across Environments – 14 Hours

- Exploring code completion features within Integrated Development Environments (IDEs).
- Utilizing GitHub Copilot Chat for conversational interactions and code generation.
- Applying Copilot features in command-line environments.

Accelerating App Development with GitHub Copilot – 14 Hours

- Learning to leverage Copilot for faster application development.
- Refactoring code with Copilot Inline Chat and various chat modes.
- Examining Copilot's features for code review and documentation generation.

- ***Hands-On Project, Deployment & Cloud Storage – 30 Hours.***



AA/19, DESBANDHU NAGAR, KOLKATA, North 24 Parganas, West Bengal, 700059

Phone: 8282884601

Email id: partner@cronusconsultants.co.in