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Introduction to AI-assisted Coding

AI tools can boost your coding productivity. This course will teach you how to professionally use AI assistants while safely managing their risks and limitations.

Intermediate 33m

Created by [Pratheeरth Padman](#) Last Updated Oct 23, 2025

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What you'll learn

Using AI to code faster is appealing, but doing it without a clear strategy can introduce security risks, technical debt, and unreliable code.

In this course, Introduction to AI-assisted Coding, you'll learn to boost your productivity by using AI assistants professionally and safely.

First, you'll explore the foundational principles of AI-assisted coding, learning to distinguish professional practice from casual "vibe-coding" while understanding the critical risks and limitations.

Next, you'll discover the landscape of modern AI tools, including IDE-integrated assistants, AI-first IDEs, and general-purpose chat interfaces.

Finally, you'll learn to integrate these different tools into your developer workflow for tasks like inline completion, pair programming, and chat-based assistance.

When you're finished with this course, you'll have the skills and knowledge needed to confidently integrate AI-assisted coding tools into your workflow, boosting productivity without sacrificing quality.

Get started today

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Table of contents

Principles of AI-assisted Coding

13m

- Course Introduction | 1m 34s
- What Is AI-assisted Coding? | 2m 28s
- Professional Practice vs. "Vibe Coding" | 2m 52s
- The Risks: Hallucinations, Debt, and Security | 3m 22s
- The Human in the Loop | 3m



Navigating the AI Coding Landscape

20m

- The Modern Coder's Toolkit | 2m 30s
- In-editor Assistance: Copilot and AI-first IDEs | 4m 1s
- Beyond the Editor: Chat, Web, and Terminal Tools | 3m 32s
- AI-assisted Workflows in Action | 6m 37s
- Choosing Your AI Coding Partner | 3m 38s



About the author



Pratheeरth Padman

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Pratheerth is a freelance Data Scientist who has entered the field after an eclectic mix of educational and work experiences.

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