



Getting Started with AI Coding Tools

A Strategic Plan for Businesses New to AI

Transform your development workflow with AI-powered tools that boost productivity, reduce costs, and accelerate delivery

Many businesses have yet to adopt AI coding tools, despite their potential to revolutionize software development. This comprehensive guide provides a step-by-step plan for businesses beginning their AI journey.

1

Understand the Benefits



Faster Development Cycles

Accelerate time-to-market with AI-assisted coding

Reduction in Manual Errors

AI catches bugs before they reach production



Improved Code Quality

Consistent, maintainable code standards



Faster Developer Onboarding

New team members become productive quickly



Automated Repetitive Tasks

Eliminate boilerplate, generate tests automatically

2

☰ Identify Use Cases for AI in Coding

Start with focused, low-risk areas:

✎ Autocompletion and inline suggestions

🔍 Code review assistance

 Unit test generation Documentation generation Legacy code understanding Refactoring support

3



Form an AI Readiness Task Force



Assign a small team to explore and test AI tools



Include developers, DevOps, and team leads











Allocate time to experiment and report insights

4



Choose the Right Tools for a Pilot

 Tool	Ideal For	 Link
 GitHub Copilot	IDE integration, autocompletion	copilot.github.com

 Tool	Ideal For	 Link
 Codeium	Free alternative, privacy-focused	codeium.com
 Cursor	Full AI pair-programming editor	cursor.sh
 Continue.dev	Customizable IDE assistant	continue.dev

5

Set Clear Success Metrics



Time Saved
on routine tasks



Test Cases Generated
automated testing



Bug Reduction
in pull requests



Developer Satisfaction

and feedback



Estimated ROI

vs. tool cost

6



Run a 30-60 Day Pilot Program

Pilot Timeline



Let a small dev team use AI coding tools in real projects



Track quantitative and qualitative metrics



Collect feedback weekly



Adjust tools or workflows as needed

7



Evaluate & Decide



Review pilot results



Document wins and pain points

Decide next steps

8



Roll Out with Training



Create internal docs/videos on tool usage



Run onboarding workshops for all teams



Assign internal AI champions

9



Integrate into Dev Workflows



Add AI review to code review processes



Include AI usage guidelines in engineering handbook



Align with security and compliance policies

10

Monitor, Adapt, and Scale



Monitor usage and performance quarterly



Update tooling as the market evolves



Explore deeper integrations (CI/CD, bug fix agents)

Final Notes

