

5 Factors for Choosing the Right AI Coding Assistant

1 Integration with Existing Tools

Constantly shifting from platform to platform is time-consuming and tedious. Plus, it contributes to an increased risk of human error. Code assistants integrating with existing development tools and platforms minimize errors that could cause bugs, crashes, or security risks.

2 Quality of Code Suggestions

Check user reviews to understand the code quality produced by the AI coding assistant. It should adhere to stringent code quality and security standards.

Key statistic: 81% of developers now use AI code assistants, but most are still uncertain about the output quality.¹

3 Capacity for Continuous Learning

The best AI assistants should use existing business code and associated data, rapidly assessing patterns to learn and create increasingly high-quality and contextual code. Ask your AI coding assistant provider how their product learns and improves.

4 Performance and Speed

Generating code automatically accelerates development lifecycles, organically increasing the productivity of development teams. But how fast is the AI assistant? Is it always stable? Check these factors before choosing a vendor.

Key statistic: Generative AI is associated with productivity increases of up to 30%.²

5 Security and Privacy

Automated code generation must adhere to your enterprise's existing security standards. Source AI-powered coding assistants with a track record of security and privacy. Ideally, AI tools should allow developers to inform automation and set strict parameters that the generative assistant follows.

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Accelerate the development cycle with the right AI Assistant for coding. Share this StackSpot guide on your socials and leave a comment — **what's your experience with AI coding assistants?**

Sources:

1 - Code Signal

2 - World Economic Forum