



# India: Survey reveals engineering teams recognize more benefits to AI coding tools than previously reported 🇮🇳

## How do engineers use AI?

Our latest survey captured the attitudes and behaviors of 2,000 respondents in India, the United States, Brazil, and Germany who work at organizations with 1,000 or more employees.

Five hundred of those respondents were located in India, and we highlight their responses to key questions below. To view the data collected from respondents across all four countries and a thorough analysis of the information we gathered, [read the full report](#).

# 99%

HAVE TRIED AI CODING TOOLS AT WORK.

# 66%

EXPECT AI CODING TOOLS WILL ENHANCE THEIR ABILITY TO MEET CUSTOMER REQUIREMENTS.

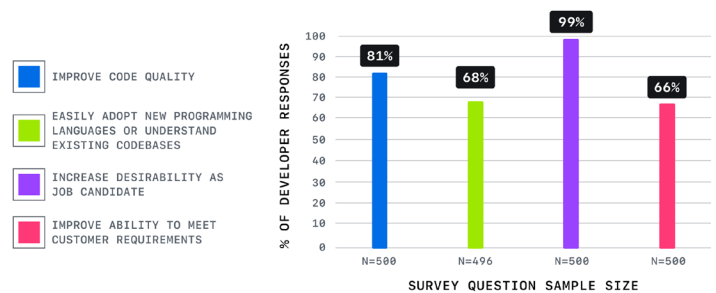
# 100%

EXPECT AI CODING TOOLS TO IMPROVE SECURITY.

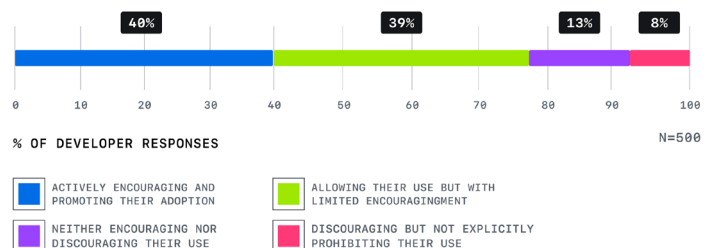
## Respondents report the benefits of and company support behind using AI

Ninety-nine percent of respondents in India reported having tried AI, and their perceived benefits of AI are on par with respondents in the United States, Brazil, and Germany. But given India's growing developer community, which is anticipated to be the largest on GitHub by 2027,<sup>1</sup> the reported benefits around the use of AI coding tools is notable—from increasing respondents' desirability as job candidates to improving their code quality. India's continued embrace of AI, signaled by respondents' perceptions of company promotion and permission to use the technology, could be the key to securing the country's prominence on the world stage.

### Benefits reported around the use of AI coding tools



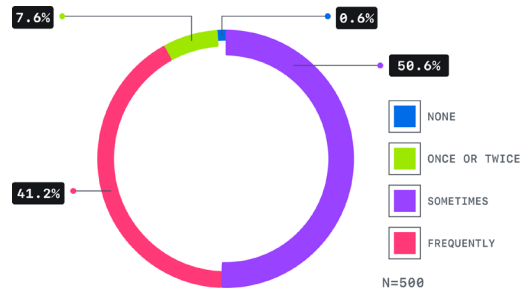
### Companies approach to AI coding usage, as perceived by respondents



# AI and automation: the next advancements for code security in India

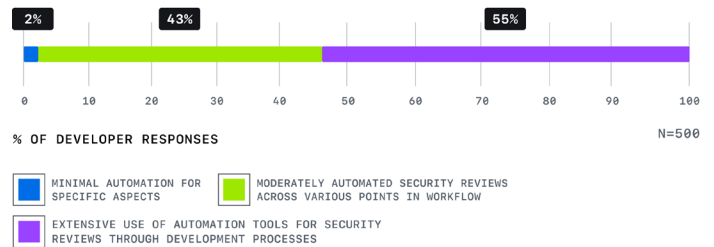
Over 91% of respondents in India say they use AI coding tools to generate test cases at least some of the time. This indicates that AI's benefits aren't theoretical—they're already tangible. Moreover, 100% of respondents say they're automating security reviews to some extent, as well as expecting AI coding tools to improve security. At a time when security professionals are in short supply,<sup>2</sup> organizations need to augment security expertise with tools, training, and practices that leverage AI.

## Reported use of AI coding tools to generate test cases



## Automation of security reviews as part of workflow and CI processes

ASKED AMONG THOSE WHO HAVE A SECURITY REVIEW PROCESS IN PLACE



<sup>1</sup>GitHub Staff, and Inbal Shani. "Survey Reveals AI's Impact on the Developer Experience." The GitHub Blog, June 13, 2024. <https://github.blog/2023-06-13-survey-reveals-ais-impact-on-the-developer-experience/>.

<sup>2</sup>"ISC2 Cybersecurity Workforce Study: Looking Deeper into the Workforce Gap." Cybersecurity Certifications and Continuing Education, 2023. <https://www.isc2.org/Insights/2023/11/ISC2-Cybersecurity-Workforce-Study-Looking-Deeper-into-the-Workforce-Gap>.

## Meet GitHub

GitHub is an AI-powered developer platform that empowers organizations to build, secure, and ship software faster to unlock innovation at scale. Our comprehensive platform integrates enterprise-grade tools, such as CI/CD, automation, application security testing, cloud development environments, collaboration tools, and AI-powered coding tools.



GitHub is a very integral partner to what we are doing at Infosys. It's something that actually brings tremendous value in letting developers focus on the core, which is creating new features, new functionalities, innovating at the speed of thought. It allows us to drive better collaboration, and make sure that our developers and architects have best-in-class solutions and products to work with.

Naresh Choudhary

Vice President, Head of Reuse & Tools, Infosys

