

Google Cloud

2025

Platinum sponsor

Al's primary role in software development is that of an amplifier

/thoughtworks

Al in software development has become virtually ubiquitous:



of technology professionals report using Al at work.

Suggesting that Al use in sect now become the standard.

02. Productivity

of technology professionals report a perception that AI has increased their productivity.

03. Reliance

Technology professionals are heavily reliant on AI tools at work.

report relying on AI at least a "moderate amount".

04. Reflexive use

60%

of Al users surveyed use Al "about half the time or more" when encountering a problem to solve or task to complete, suggesting that AI has become a frequent part of the development process.

05. Code quality

59%

of survey respondents also observe that Al has positively impacted their code quality.



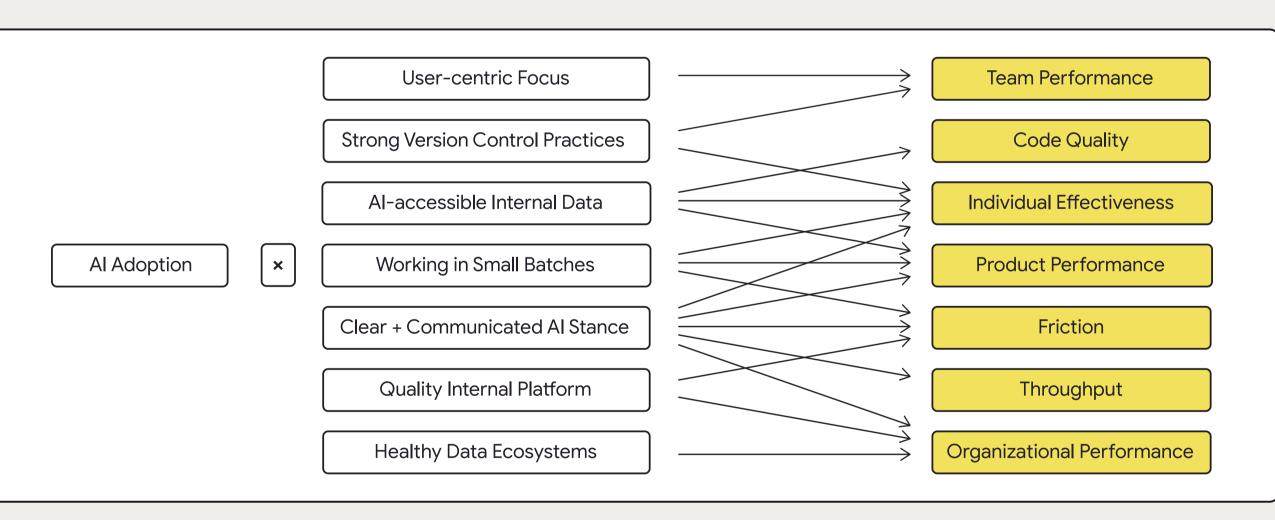
As Al adoption increases:

Individuals report spending more time on valuable work Software delivery throughput increases

Product performance improves

Introducing the DORA AI **Capabilities Model**





This framework identifies seven key practices that are proven to amplify the positive impacts of AI on organizational outcomes.

Platform adoption is nearly universal



of organizations have adopted

at least one platform

of organizations now using a multi-platform environment

of organizations have a

dedicated platform team High quality platforms increase the impact of Al

on organizational performance

Three imperatives for the platform era

Embrace the holistic experience

Make your platform the foundation for Al

Use your platform to calibrate your risk appetite

Advice for technology leaders



The central question is no longer if you should adopt Al, but how to realize its value.

Have a systems view to solve the right problems

Invest in foundational systems like internal platforms, data ecosystems, and core engineering disciplines

Focus on effective use to guide, evaluate, and validate Al-generated work