DORA

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

AI in software development has become virtually ubiquitous:

01. Adoption

90% of technology professionals report using AI at work. Suggesting that AI use in software development has now become the standard.

02. Productivity

>80% of technology professionals report a perception that AI has increased their productivity.

03. Reliance

Technology professionals are heavily reliant on AI tools at work.

65% report relying on AI at least a "moderate amount".

04. Reflexive use

60% of AI users surveyed use AI "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 AI has positively impacted their code quality.
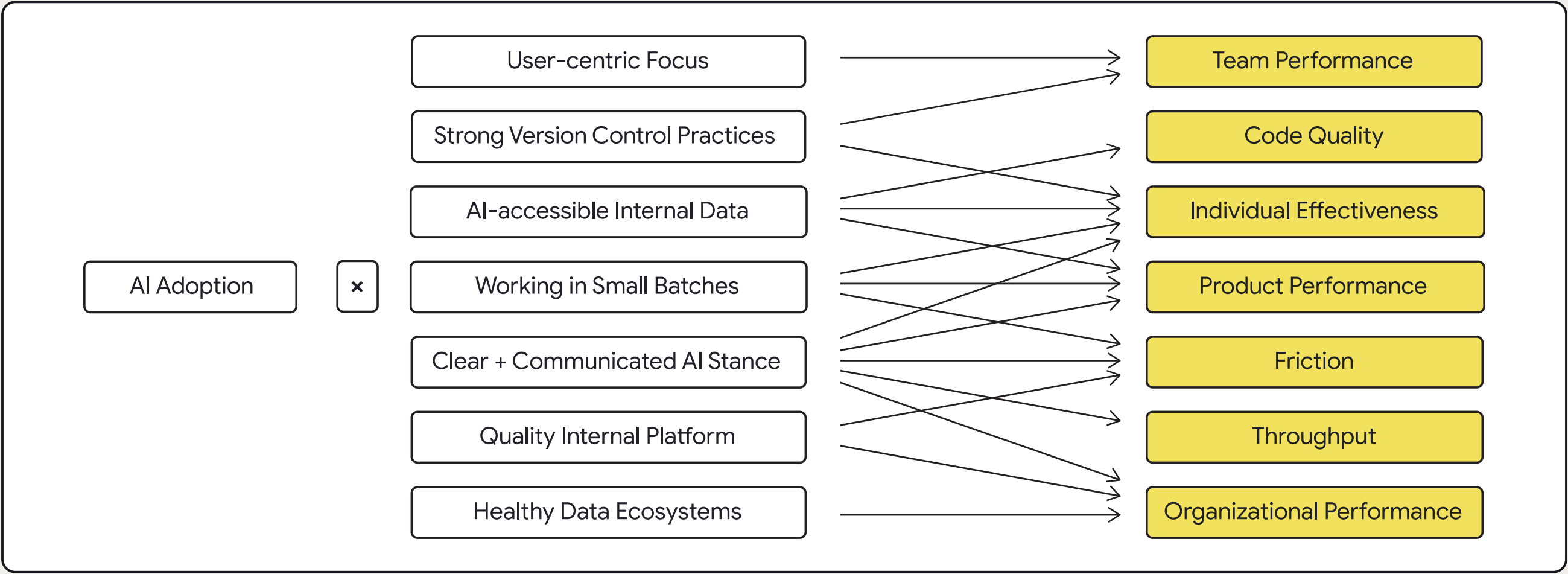
AI Impacts

As AI adoption increases:

- Individuals report spending more time on valuable work
- Software delivery throughput increases
- Product performance improves

Introducing the DORA AI Capabilities Model

AI Adoption × :
- User-centric Focus
- Strong Version Control Practices
- AI-accessible Internal Data
- Working in Small Batches
- Clear + Communicated AI Stance
- Quality Internal Platform
- Healthy Data Ecosystems

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- Team Performance
- Code Quality
- Individual Effectiveness
- Product Performance
- Friction
- Throughput
- Organizational Performance

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

Platform adoption is nearly universal

90% of organizations have adopted at least one platform

29% of organizations now using a multi-platform environment

76% of organizations have a dedicated platform team

High quality platforms increase the impact of AI on organizational performance

Three imperatives for the platform era

- Embrace the holistic experience
- Make your platform the foundation for AI
- Use your platform to calibrate your risk appetite

Advice for technology leaders

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

01 Have a systems view to solve the right problems

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

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