March 30, 2026

AI-Native Development in Big Tech in 2026

Microsoft, GitHub, Google, Amazon, Meta, Uber, Stripe, Netflix

Context

00

AI Joins Engineering Process

A New Operating Model

AI joins delivery system

- AI becomes operating-model layer
- Metrics move beyond adoption
- DORA: 90% AI use; 80%+ gains
- Processes matter more than permission

Metrics Are Evolving



"How many lines did AI write" no longer works

Big Tech

01

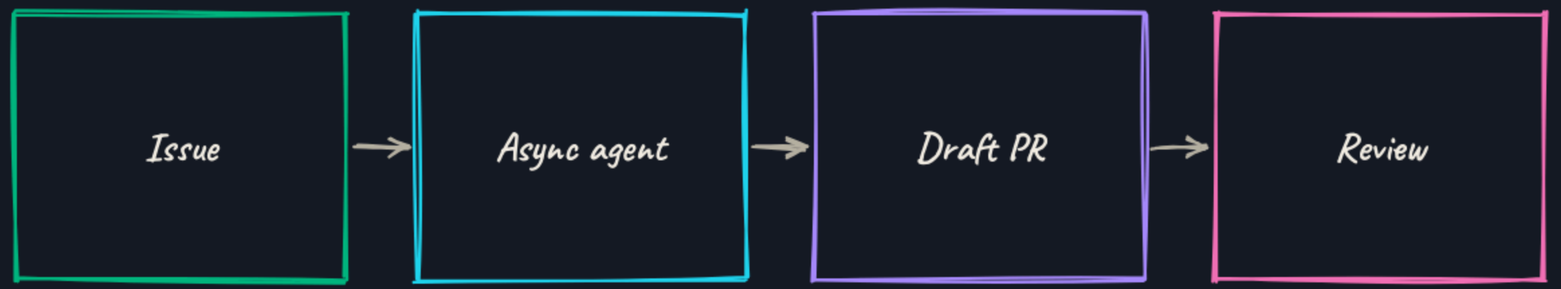
Microsoft & GitHub

AI Code Review at Company-Wide Scale



600,000+ PRs per month; 10–20% faster PR completion

Coding Agent as Part of the Platform



Metrics GA: adoption, PR, CLI, tokens – observability for AI adoption

Big Tech

02

Google

Velocity as the Key KPI

Source: Google AI workplace examples

30%

Of new code is generated with AI assistance

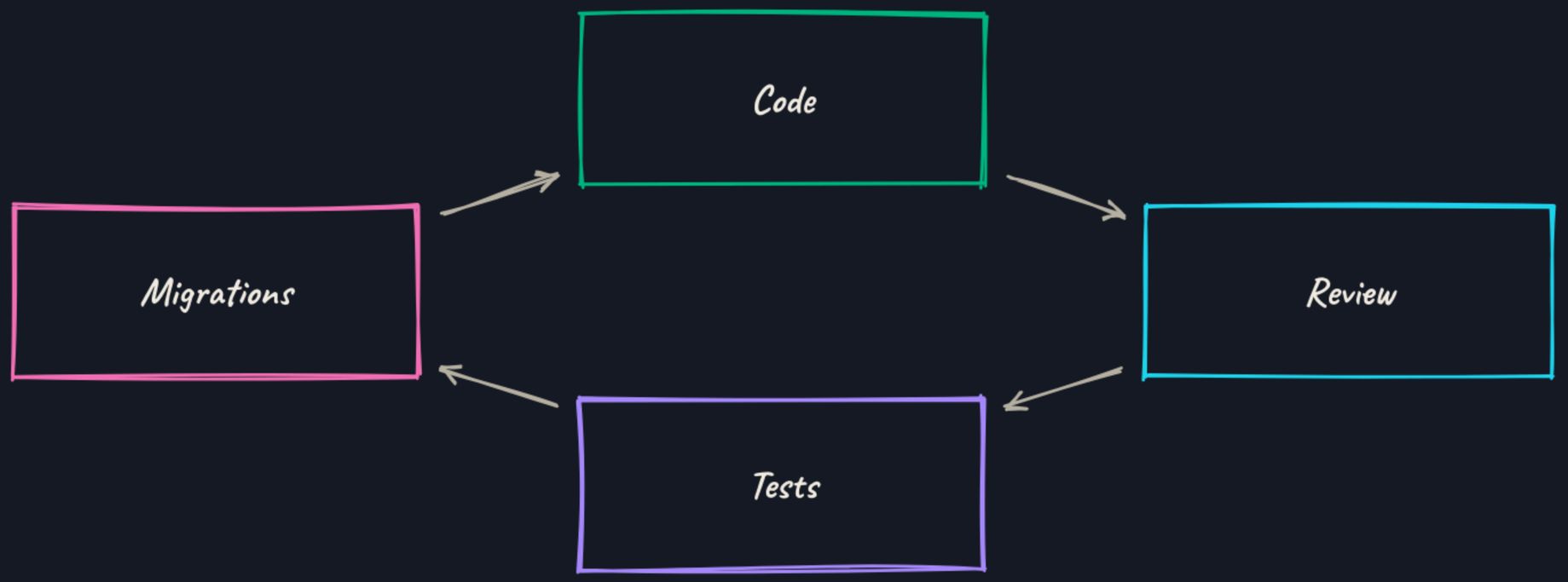
10%

Estimated engineering velocity improvement

12%

Duplicate bugs automatically handled by an AI agent

Key Principle



Big Tech

03

Amazon & AWS

The Language of Economics

Sources: AWS DevOps Blog; 15.9%: AWS Enterprise Strategy

450,000+ hours

Reduced waiting for technical answers via Amazon Q

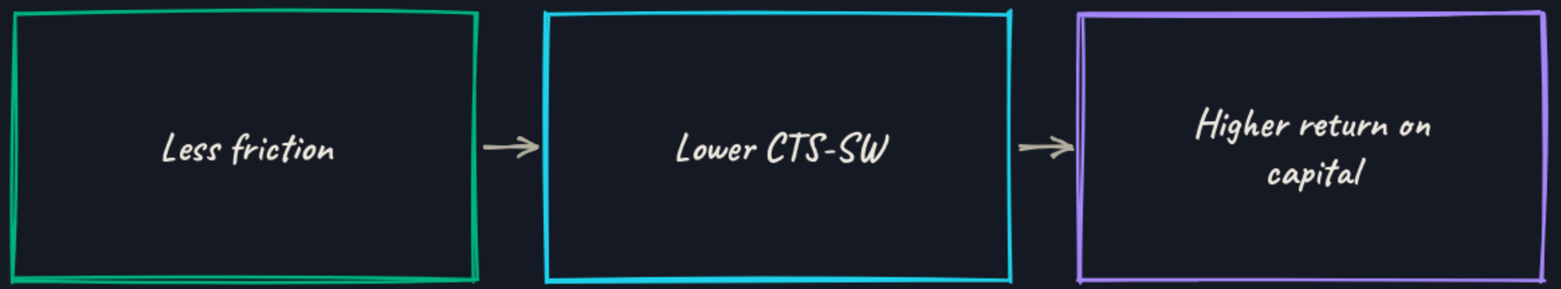
4,500 dev-years

Saved on AI-driven software transformations

15.9%

Year-over-year cost reduction in 2024 through end-to-end improvements

CTS-SW:
Cost to Serve Software

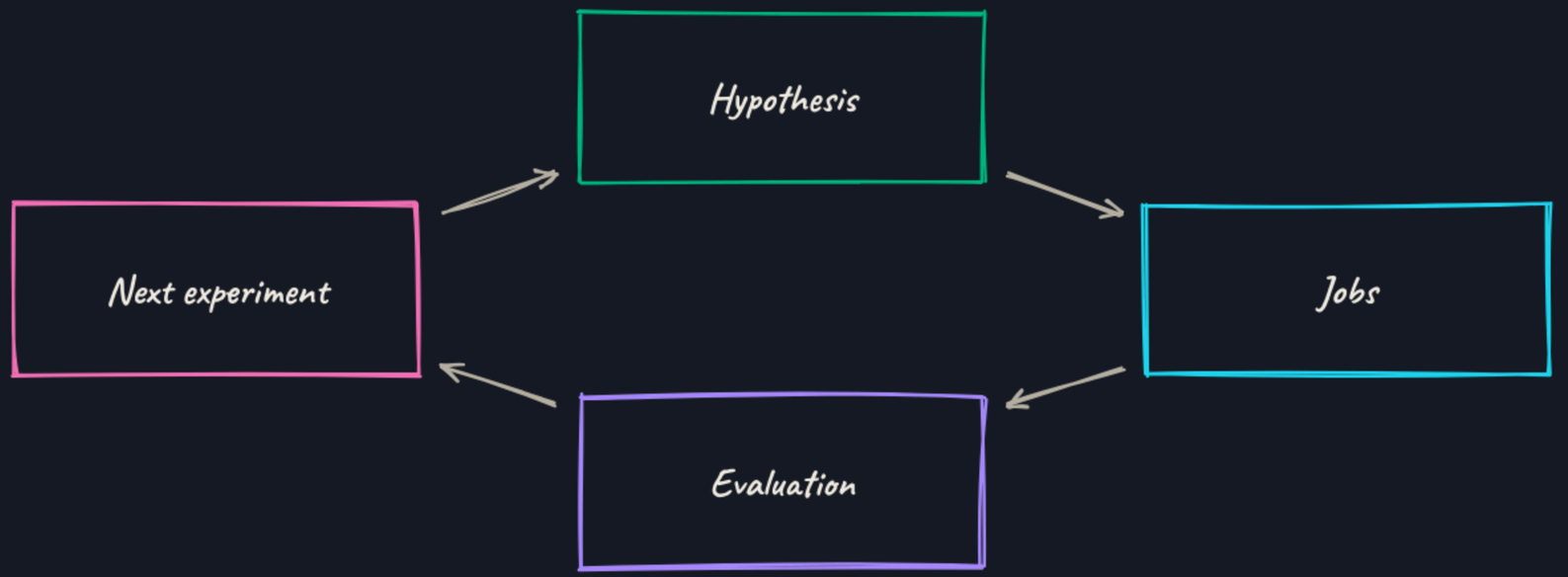


Big Tech

04

Meta

Ranking Engineer Agent (REA)



Big Tech

05

Uber

uReview: Production Scale

Source: Uber Engineering

90%+

Of diffs analyzed by AI; the ~65K base is ambiguous

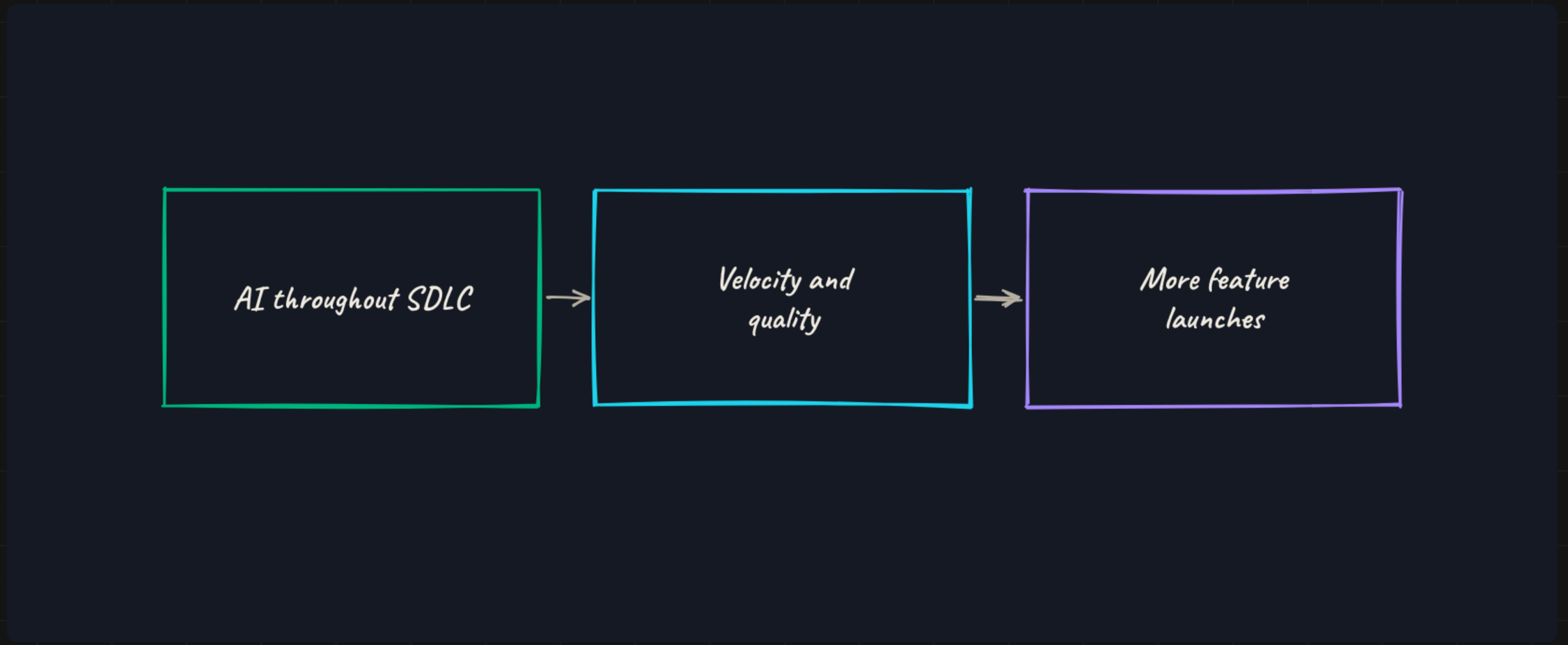
75%

Of comments rated useful by engineers

~1,500 hrs/wk

Estimated time savings

AI Across All SDLC Stages

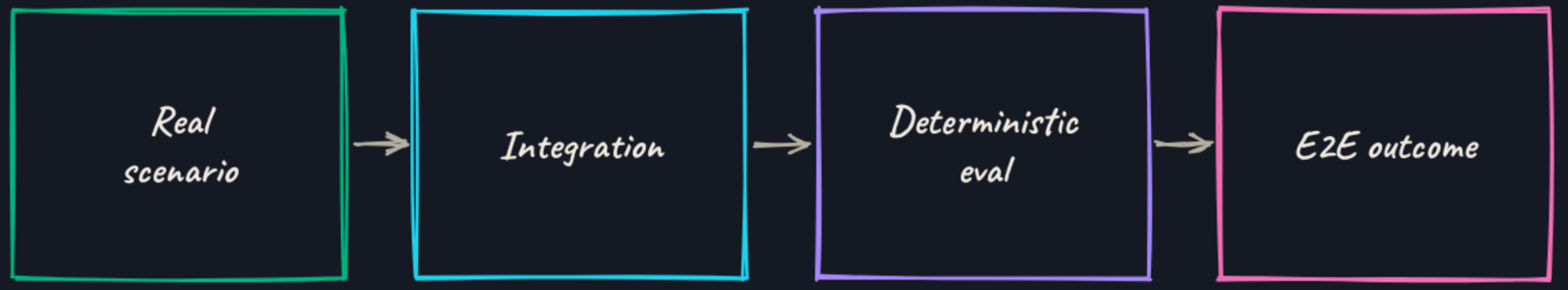


Big Tech

06

Stripe & Netflix

Goal: 2× Engineering Velocity via LLMs



Measured by closed scenarios; main asset: eval system

Platform → Evals → Scaling

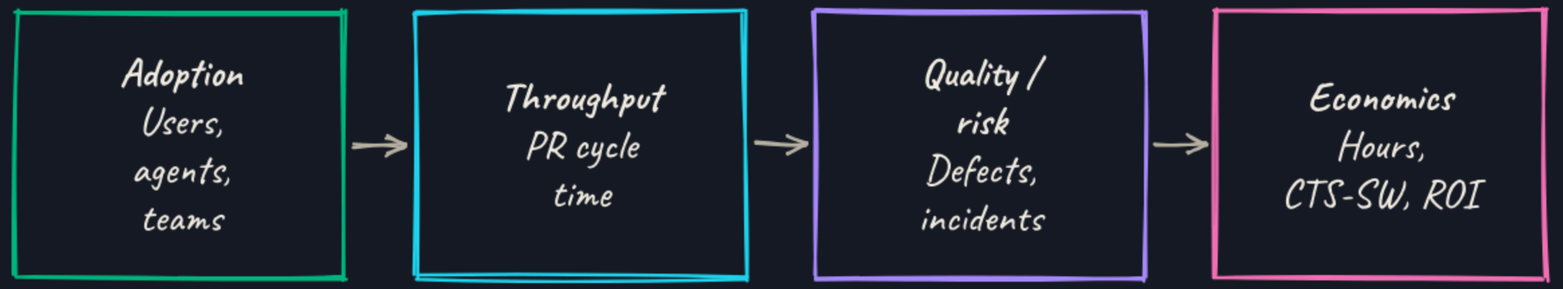


Model

07

AI-native planning has four layers

Adoption → Throughput → Quality → Economics



Conclusions

08

AI-Native Becomes Operating Model

Key Takeaways

- Humans become orchestrators
- Key question: delegated scenarios, flow impact, economics
- AI becomes a standard participant
- AI-native becomes operating model

References and Materials

Key sources used in this presentation

- DORA; Microsoft; GitHub.
- Google; Amazon CTS-SW.
- Meta REA; Uber uReview.
- Stripe benchmark; Netflix scaling.

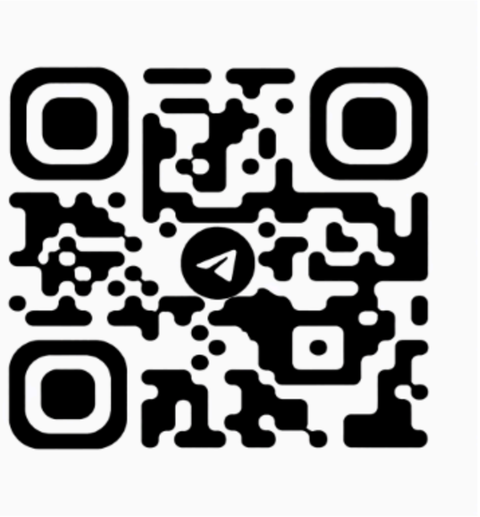
AI-Native Development in Big Tech

Thank You!

For more materials on this topic, visit the ”Book Cube” channel — all links are collected there

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