AI MATURITY & TEAM HEALTH — EXECUTIVE BRIEF

Storefront & Checkout

— Your overall maturity

Industry context: intermediate against the published maturity ladder

INTERMEDIATE

2.3/5

ANONYMOUS RETAIL COMPANY — AI MATURITY ASSESSMENT (DEMO) · GENERATED SEPT. 2026 · CONFIDENTIAL

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Executive Summary

- ★ Your team scores expert levels in delivery performance (4.5/5) and team health sustainability (4.3/5), with advanced code quality at 3.3, giving you a strong base to scale AI adoption effectively.
- ★ There is currently no way to measure AI's return on investment, meaning your team is spending on AI tools without clear proof of benefit, risking wasted resources and missed chances to improve delivery.
- ★ The AI mandate rollout lacked consistent training, especially in the checkout squad which is mostly self-taught, causing uneven adoption and limiting the value your teams can extract from AI.

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What's working well

DELIVERY PERFORMANCE

expert (4.5/5)

At this level in industry terms: On-demand deploys, lead time under an hour, throughput gains held WITHOUT a stability regression (DORA 2025: AI raises throughput but can raise instability — "AI amplifies what is already there") (DORA State of DevOps 2025).

TEAM HEALTH SUSTAINABILITY

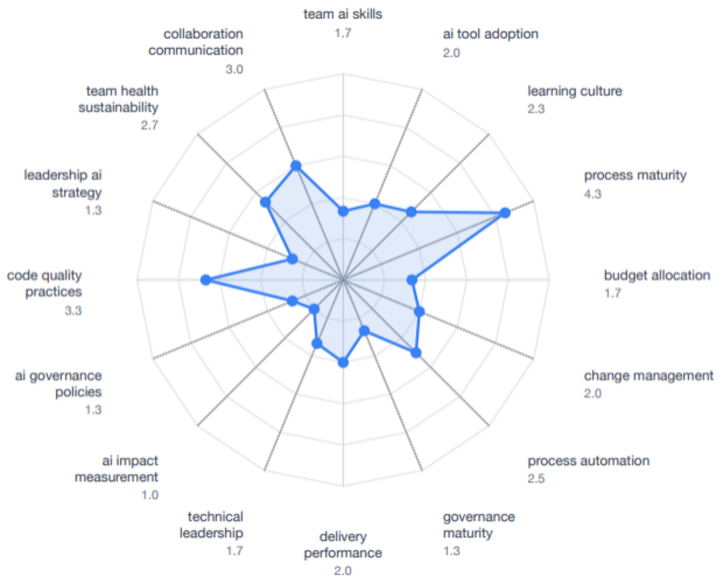
expert (4.3/5)

CODE QUALITY PRACTICES

advanced (3.3/5)

At this level in industry terms: Solid coverage, consistent review, low change failure rate (DORA State of DevOps 2025).

FULL MATURITY BREAKDOWN



Growth Opportunities

Test & CI Discipline Gap

Your verification pipeline is fragile or missing, putting delivery quality at risk despite strong team performance.

Ungoverned AI Adoption

AI tools are used in production without approval or guardrails, exposing your checkout process to operational risks.

If left unaddressed: Customer or proprietary data can leak through personal accounts with no audit trail.

AI Rollout Friction

The AI adoption strategy has been mismanaged, with uneven pace and trust issues slowing consistent use across your teams.

If left unaddressed: Rolling out to everyone at once with no pilot spreads bad patterns before anyone catches them.

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Where accounts diverge

EFFECTIVENESS OF AI ADOPTION MEASUREMENT

"The tooling pays for itself — you can feel the velocity in the teams that lean in. It's the best money we spend per engineer."

— CTO

"We track cycle time, escaped defects and review load in our delivery dashboards, and nobody has ever tied any of them to AI adoption. There is no view of the return."

— STAFF ENGINEER

AI ADOPTION ROLLOUT AND TRAINING

"We ran the enablement program in the spring — everyone's been enabled on the approved tools, and the policy is clear about what's allowed."

— CTO

"The program was one recorded lunch-and-learn in April. The checkout squad taught themselves — that's why they're good. Everyone else got a link."

— STAFF ENGINEER

HANDLING OF SECURITY INCIDENT INVOLVING AI USE

"The June thing was handled — we spoke to the person, and it's in the security review queue."

— CTO

"Handled as in "we talked about it." The blocking policy hasn't changed and neither has the alternative for support."

— STAFF ENGINEER

Top Quick Wins

START HERE

AI IDE (Cursor/Copilot/Claude Code)

Evaluate AI IDEs: Cursor, Claude Code, GitHub Copilot. First action of phase 1 of the plan.

1. AI-Assisted TDD

Introducing AI-Assisted TDD will automate test creation and enforce testing discipline in CI/CD pipelines, which fits well with the team's tech stack and size.

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Expected Return

ACTION	EXPECTED IMPROVEMENT	SOURCE
AI IDE (Cursor/Copilot/Claude Code)	20–35% less feature implementation time	GitHub Copilot RCT (Peng et al., 2023) + enterprise field replications
AI-Assisted TDD	15–30% less defect rework time	DORA State of DevOps 2024 (quality practices)
AI Test Generation (Qodo/testRigor)	30–50% less test authoring time	Lightrun 2026 State of AI-Powered Engineering Report
AI Skills Training Program	15–25% more AI tool productivity yield	BCG GenAI upskilling study 2024

* Illustrative projections from third-party published studies of comparable teams applied to your team's declared activity mix — for discussion in the results workshop.

Roadmap & Next Steps

PHASE 1 · 0-30 DAYS

Quick Wins

Start by implementing AI IDE tools like Cursor, Copilot, or Claude Code and introduce AI-assisted test-driven development to boost immediate productivity.

PHASE 2 · 1-3 MONTHS

Core Improvements

Roll out an AI skills training program, establish an AI governance framework, and begin measuring AI impact to align investments with outcomes.

PHASE 3 · 3-6 MONTHS

Transformation

Adopt Architecture Decision Records, integrate CLAUDE.md-driven development, and build an AI incident response playbook to mature your AI operations.

FROM SAMPLE TO INSIGHT

What would your team's report reveal?

Discover what's working, where AI could add more value and what to prioritize next. Book a conversation with our team and receive an initial report tailored to yours.

DX is built by VAIRIX, a software development company bringing hands-on AI engineering experience to your assessment.

40-minute conversation | No cost | Clear next steps

BOOK YOUR FREE ASSESSMENT →

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