AI Developer Productivity Scorecard

A practical weekly framework to measure the real impact of AI on software development teams.

1. Speed Metrics

Metric	Description	Target / Threshold
PR Cycle Time	Time from PR opened to merged.	≤ 48 hours
Time to First Review	How quickly a reviewer engages a PR.	≤ 12 hours
Percent Merged Within SLA	Share of PRs merged within 2 days.	≥ 80%

2. Quality Metrics

Metric	Description	Target / Threshold
Escaped Defects	Bugs that reach production.	≤ 2 per release
Flaky Tests	Rate of unreliable tests.	< 5% of total tests
Security Findings	Static analysis & SCA issues.	≤ baseline

3. Oversight Costs

Metric	Description	Target / Threshold
Review Minutes per PR	Reviewer effort required per PR.	≤ 30 minutes
Rework Ratio	Percent of code rewritten before merge.	< 25%
Pair-Review Hours	Mentorship & oversight time.	≤ baseline

Disclaimer