

Ai Solutions for Managing Large Codebases

Manage large codebases efficiently with AI

- 1 Switch to an AI-powered code search tool like Sourcegraph Cody Pro.
- 2 Train your AI code search on internal documentation and code reviews.
- 3 Set up automated AI code review as blocking check for PRs above 500 lines.
- 4 Always verify AI suggestions before merging to production.
- 5 Schedule regular AI-powered refactorings to prevent code rot buildup.
- 6 Deploy AI-driven dependency mapping for all major releases.
- 7 Integrate dependency maps with CI/CD pipeline for instant impact analysis.
- 8 Invest in AI knowledge management tools like Glean or Swimm.
- 9 Document tribal knowledge in AI-enabled wikis instead of Slack threads.
- 10 Run batch refactoring sessions monthly to reduce technical debt significantly.
- 11 Monitor which hidden dependencies cause most incidents in your codebase.
- 12 Measure onboarding time improvements after implementing AI knowledge retention.