

Identifying wasteful software development practices with predictive Ai



Master the tradeoffs and manage
the iron triangle- cost, release cycle
time, defects, story points

Mission Ready Software
<https://missionreadysoftware.com>
sales@missionreadysoftware.com



Contents

01. Core Challenge

Understanding the problems with subjective resource allocation and trade-off decisions.

02. Strategic Optimization

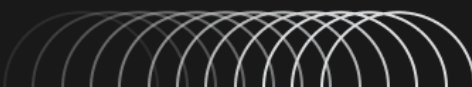
Interactive capabilities for real-time iron triangle optimization and defect analysis.

03. User Benefits

Strategic control features for management, testing, availability, and safety teams.

04. Call to action

Trials and licensing options



The Core Challenge

1

Current Problem

Organizations struggle with making subjective guesses about resource allocation and trade-offs, leading to suboptimal project outcomes and wasted investments.

2

Data-Driven Solution

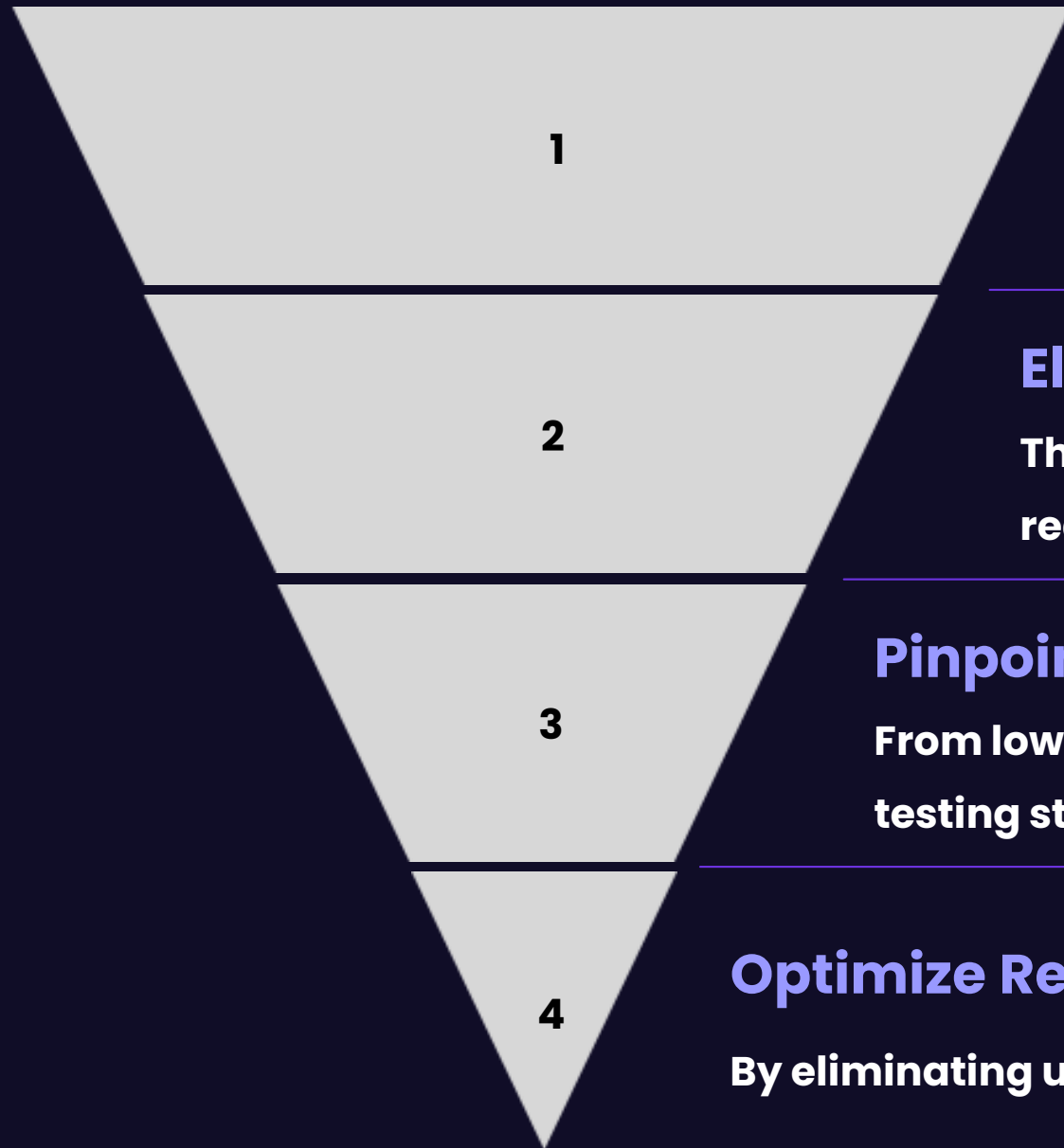
Identify the optimal balance using analysis against the world's largest defect benchmarking database, which includes over 600 factors.

3

Measurable Certainty

Achieve data-driven certainty in balancing schedule, scope, and quality for optimal return on investment.

Identify Overkilled or Low ROI Development Practices



Overkill Detection System

Identify which factors aren't providing the most significant value for the dollar spent.

Eliminate Waste

These consume resources but provide minimal defect reduction or project improvement.

Pinpoint Practices

From low-impact activities to high-value development and testing strategies.

Optimize Resource Allocation

By eliminating unnecessary processes that don't contribute to success.



Target High Value Practices

1

Step 1 Advanced Sensitivity Analysis

Discover which factors you aren't taking advantage of that offer the biggest return on investment.

2

Step 2 Discovery Untapped Potential

Identify underutilized high-impact development factors that could maximize project effectiveness.

3

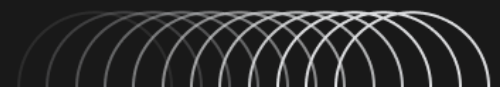
Step 3 Identify High-Impact Factors

Focus resources on practices with proven defect reduction capabilities and measurable ROI.

4

Step 4 Focus on Proven Practices

Prioritize improvements based on data-driven sensitivity analysis from a comprehensive benchmarking database.



Trade-Offs Visualized

Interactive Adjustment



Use sliders to adjust technical debt defect density, feature effectiveness, and the cost of corrective hours.

Visual Impact Analysis

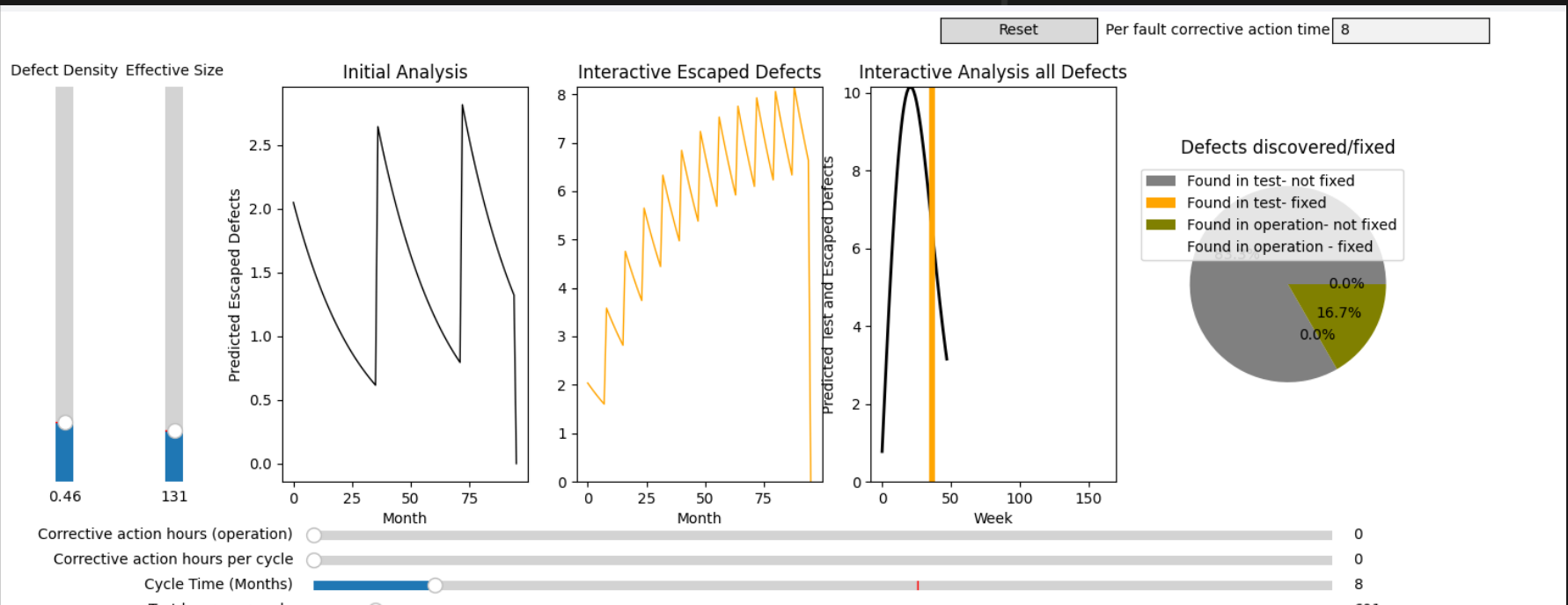


See how changes affect the schedule cycle time and the shift to the left profile visualization.

Defect Prediction



The pie chart shows the predicted percentage of defects found in testing versus production operations.



Requs AI Optima

Software quality intelligence

vs

SLIM

Project estimation & tracking

METRICS

❑ Defect density

Predicts defects per unit of software

❑ Likelihood of failure

On-time delivery and customer satisfaction

❑ Technical debt

Analyzes cost, time & effort factors; provides reduction strategies

❑ Development factors

Flags "overkill" waste and "underutilized" missed opportunities

USERS



Software & project managers

Balance cost, schedule, and quality; identify wasteful practices



Test & QA leads

Find which test methods cut defects most efficiently

METRICS

❑ Cost, time & effort

Core outputs for scheduling and budgeting

❑ Staffing & resources

Models optimal headcount across the project lifecycle

❑ Productivity & performance

Benchmarks against 13,000+ projects in its database

❑ Earned value

Tracks progress with real-time forecasts to completion

USERS



Project managers

Estimate, plan, and track projects in flight



Portfolio managers

Align entire project portfolios with business goals



Executives & leadership

Make data-driven investment decisions and set realistic delivery expectations

Both tools serve complementary roles in project optimization and management, each focusing on different aspects of the development lifecycle

Requs AI Optima vs SLIM

Strategic Control for Every Leader



Software Management

- Quickly identify drivers of success and failure
- Reduce technical debt with small adjustments
- Optimize resource allocation for maximum ROI



Software Test QA

- See which test methods offer most excellent ROI
- Focus efforts for maximum defect reduction
- Identify most effective testing strategies efficiently



RAM/Safety

- Identify strategic alternatives to avoid an availability crisis
Optimize level of safety rigor
- value

Get Started: Licensing and Trial Options



Flexible Licensing

- Dedicated and floating license options available
- Yearly subscription or perpetual licensing models
- Cloud and enterprise deployment configurations supported



Schedule Demo

- See your hidden defect risks today with a personalized demonstration session
- Contact sales@missionreadysoftware.com for scheduling
- Personalized demonstration of your specific use case
- Discover hidden defect risks in your projects



Start Trial

- Get hands-on experience with desktop version or try the cloud trial immediately
- Desktop trial version available for download
- Cloud trial at <https://requisaipredict.com> instantly accessible
- Experience full functionality with sample projects



**Ready to reduce overkill?
Embrace more effective
practices? Visually tradeoff
scenarios?**

**Contact us at
sales@missionreadysoftware.com for a
demo today.**

