

Embed intelligent test data to improve collaboration and app quality

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What we'll cover today

Observability

A key enabler

Intelligent test data

Moving from data to insight

Turning insights into outcomes

Where we see the benefits

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What's your #1 priority for 2022?



**Automate
further**



**Become more
data-driven**



**Reduce bugs in
production**



**Foster team
collaboration**

Intelligent test automation
provides huge potential for
greater productivity and
efficiency in application testing,
at lower cost.

Gartner, 2021 Optimize Application Testing Quality and Speed With Embedded Intelligent Automation Services

Intelligent test data

Moving from data to insight

What kind of test data are we talking about?



Functional

Is everything passing?



Velocity

How much time are we
spending on testing?



Coverage

What's being tested?
Is it improving?



Non-functional

Is it performant?
How about accessible?

How can we leverage...

Functional

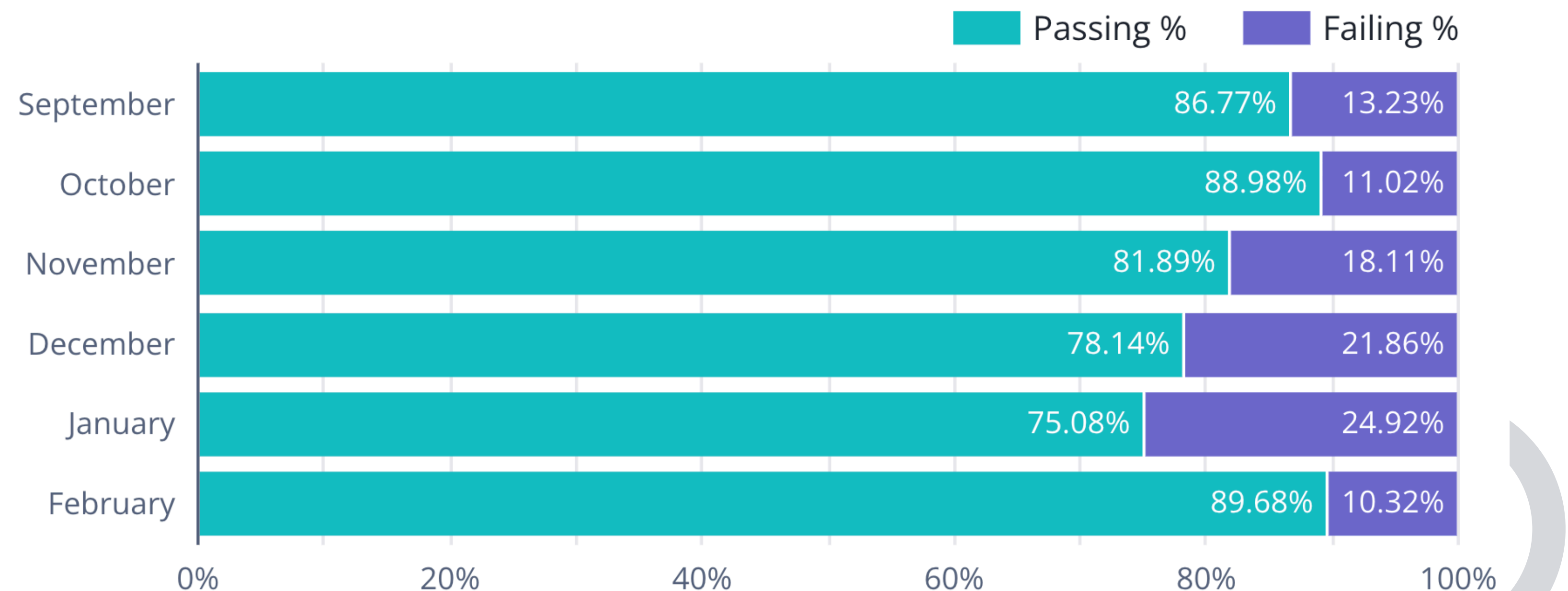
Velocity

Coverage

Non-functional

Functional test data

A measurement of overall app and quality health



How can we leverage...

Functional

Velocity

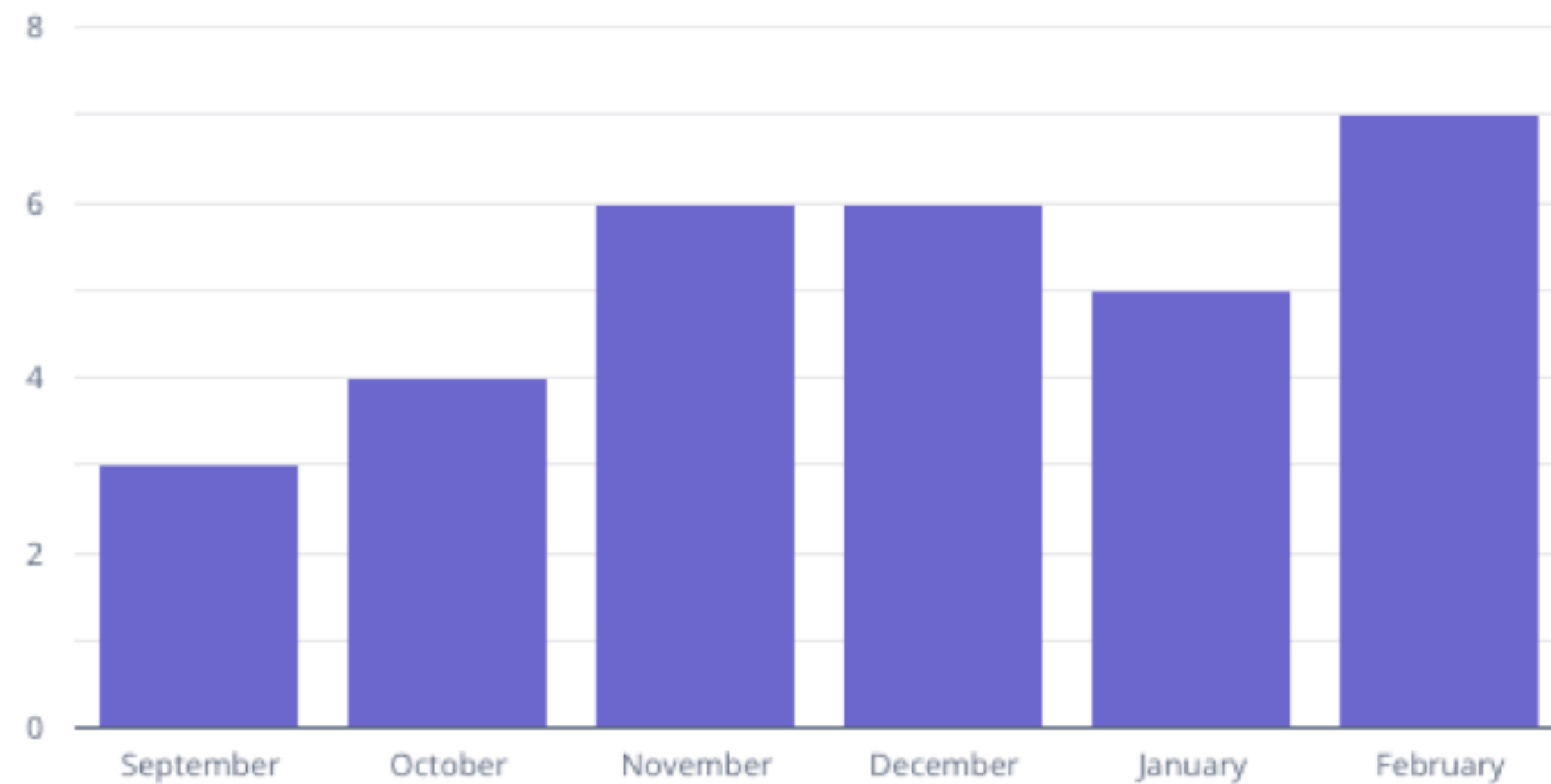
Coverage

Non-functional

Measuring velocity

Activities that measure progress and raising the bar for quality

ACTIVE USERS



How can we leverage...

Functional

Velocity

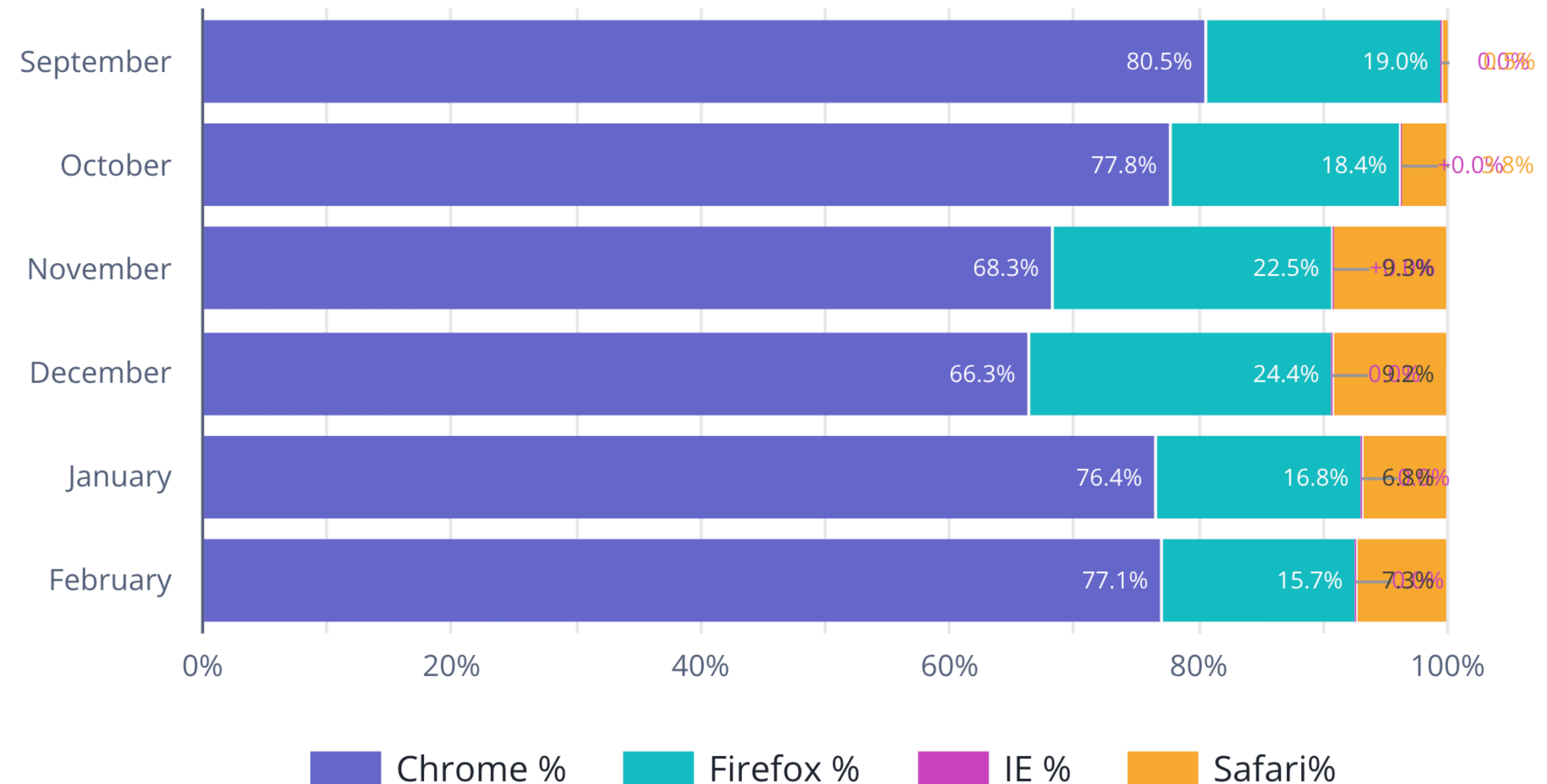
Coverage

Non-functional

Tracking test coverage

Focus on key workflows leveraging real user activity data

% TEST RUNS BY BROWSER



How can we leverage...

Functional

Velocity

Coverage

Non-functional

Going beyond pass/fail

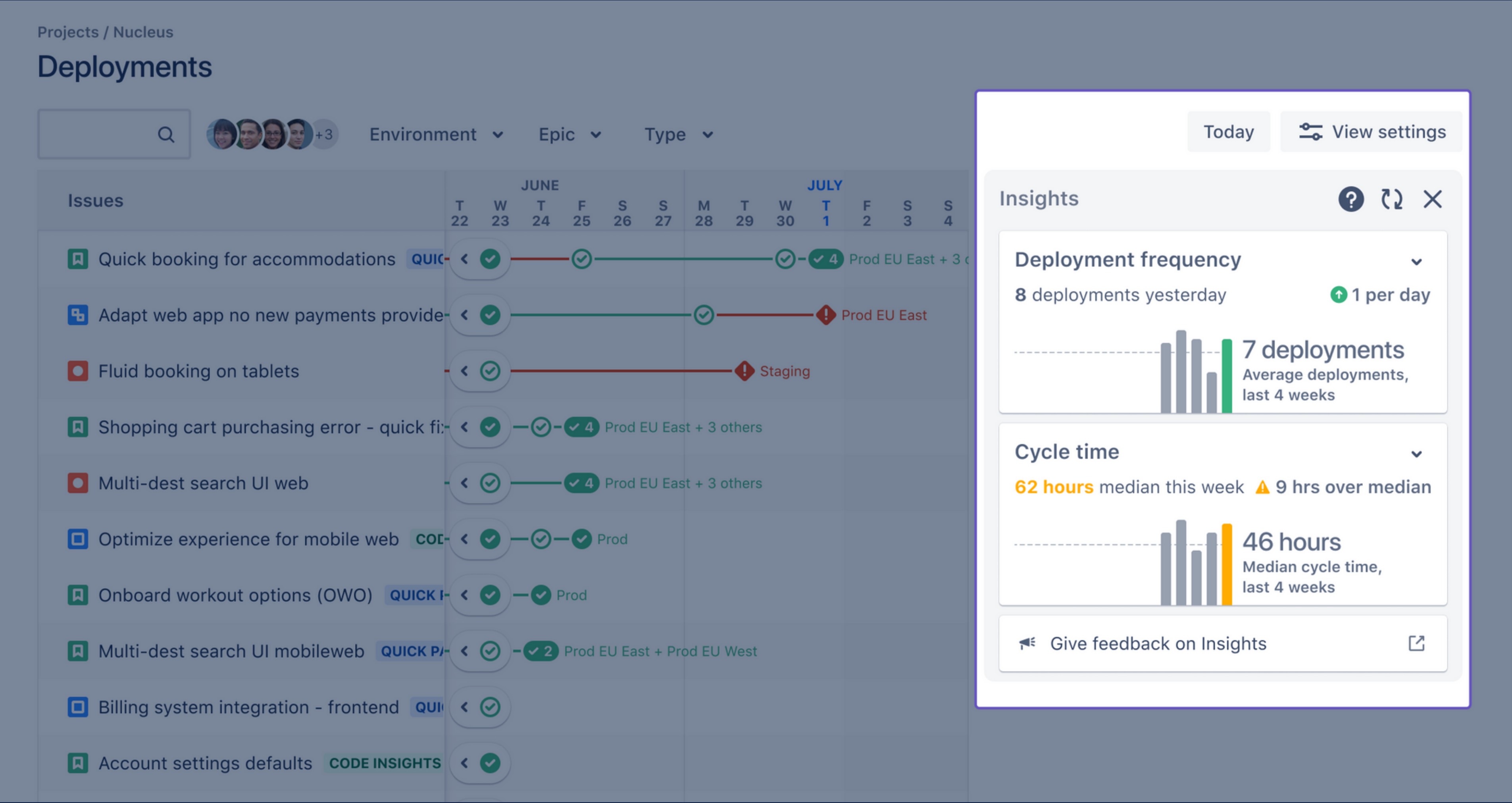
Testing user experiences outside of core functional testing

Look for:

- Progress against established accessibility guidelines (e.g. WCAG 2.0 AA)
- Google's Core Web Vitals
- Performance history
- Visual changes



Jira Insights



Turning insights into outcomes

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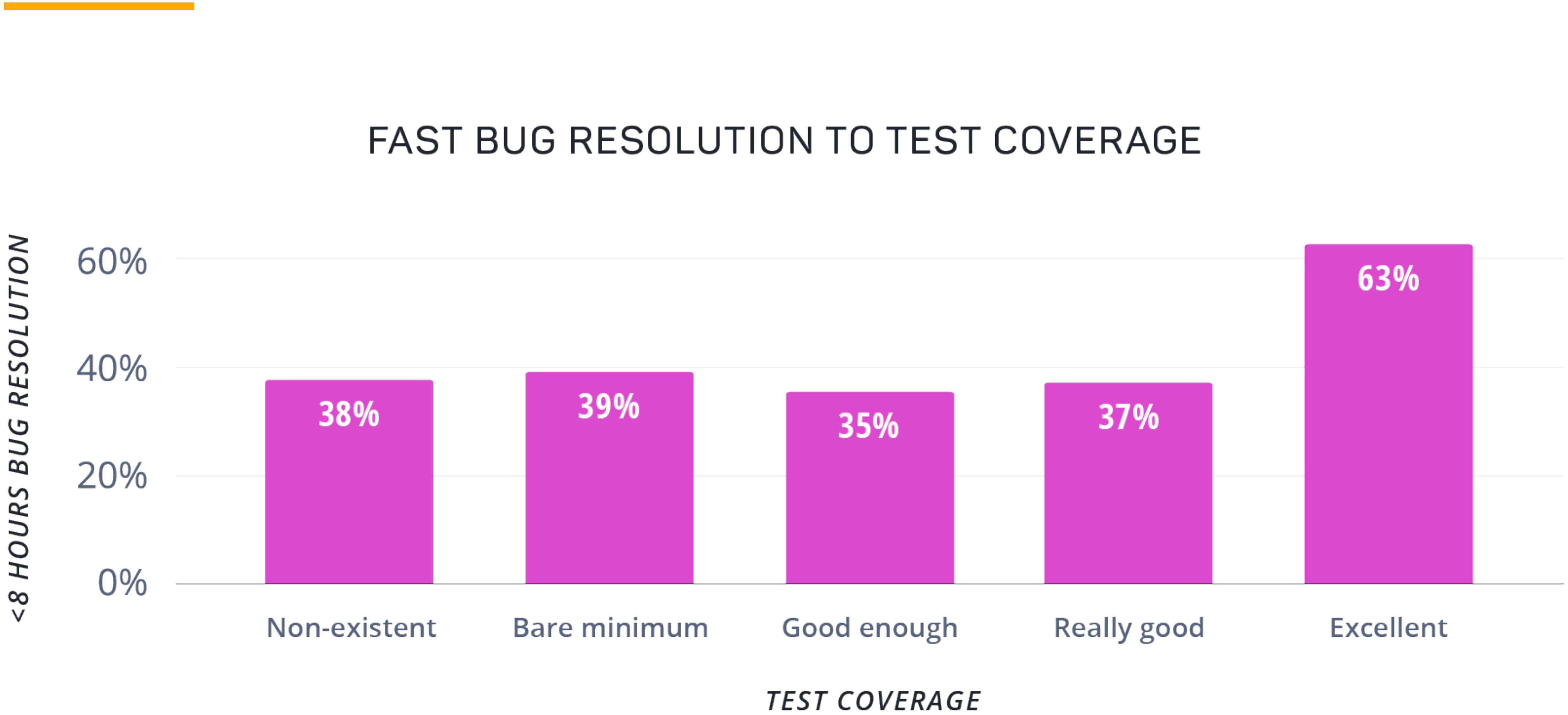
COVERAGE IS KEY

80%

**of teams with high test coverage report
high customer happiness**

2021 STATE OF TESTING IN DEVOPS REPORT, MABL, N=609

HANDOFF, MADE SIMPLE



2021 State of Testing in DevOps Report

Presented by mabl (n=609)

Impact of non-functional testing

Severe issues

Can often be as impactful as functional failures

Access for everyone

It's the law, as well as the right thing to do

More than a goal

It's good design too

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Key Takeaways



Observability is still
a challenge for
many teams



There's more to the
story than pass/fail



Intelligent
automation
enables deep
insight



Confident teams
are high impact
teams



Thank you!