

Agentic AI Trends for Software Testers

Key insights from the Sauce Labs and Wakefield Research Survey



The disconnect is real

AI Setbacks

95% have experienced setbacks with AI

48% say they have doubled down on their efforts despite this

Leadership Understanding

61%

Agree that top leaders don't understand what it takes to successfully test software.

Needs for Improvement

82% of companies admit they lack the **skilled testers** or **adequate tools** needed to maintain quality at this new velocity.

Risks, trust, and accountability

Who Gets the Blame?

60%

say the employee gets the blame for a mistake using bad AI output.

31%

say the C-Suite is ultimately responsible for any major mistake

AI Job Cuts

73%

are comfortable with AI determining job cuts, including leadership positions.

72%

are more nervous about granting AI full data access than falling behind competitors (28%)

63%

trust employees more than AI (37%) to meet regulatory requirements

AI adoption and strategy

Agentic AI Adoption Rate

97%

are currently using or plan to use agentic AI for software testing.

66% are piloting agents

33% are actively using agents

72% believe multiple agents unlock exponential gains

AI Accuracy Strategy

97%

have or are developing a strategy for measuring AI accuracy

58%

Yes, we have a general strategy and are developing benchmarks

39%

Yes, there is a clear strategy and benchmarks in place



Ideal Testing Approach

56%

prefer mostly or only AI agents.

44%

prefer mostly or only human testers.

85%

believe the ideal is a mix of human and AI

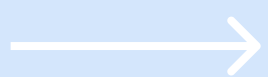
AI benefits and future timeline

Optimism Abounds on Full Autonomy

72% believe expect fully autonomous testing by 2027

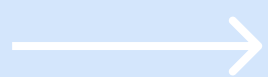
Currently trusted

9%



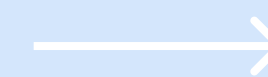
by 2026

30%



by 2027

33%



by 2028 (or later)

28%