

# AI ASSISTED TESTING TOOLS

Edition 2: 2026

A list of various good AI assisted tools for various testing needs and situations. These are not VALA's official suggestions or unambiguous truths about "best" tools. Tools included in this edition have been verified for current activity and relevance.



## Static testing & Code analysis

- [Snyk Code](#): Formerly DeepCode, acquired by Snyk; AI-powered code review
- [Qodo \(CodiumAI\)](#): AI-powered test generation and code integrity
- [GitHub Copilot Autofix](#): Inline vulnerability detection and fix suggestions
- [Infer](#): Produce a list of potential bugs



## Performance testing

- [Mabl](#) – Perf. testing and self-healing tests
- [Applitools](#) – Visual and performance testing at scale
- [Functionize](#) – Perf. testing amongst many other things
- [Grafana k6](#): Open-source performance testing framework



## Security- / Penetration testing

- [Burp Suite](#): Industry standard web vulnerability scanner by PortSwigger
- [Nuclei](#): Fast, template-based vulnerability scanning by ProjectDiscovery

- [Maestro](#): Mobile UI automation with YAML flows; Maestro Studio for browser-based test creation
- [Apptest.ai](#): AI-automated mobile app testing
- [Applitools](#): Visual testing and cross-device validation

## Mobile testing



- [Faker](#) – Test data generation
- [Selenium](#) – Now equipped with AI to provide extensive flexibility for running and executing tests.
- [Playwright](#): Dominant open-source web automation framework by
- [LangChain](#): framework for building LLM-powered apps; replaces older document Q&A tools

## Open source



## Test design, implementation, execution & logging

- [AccelQ](#): AI-Powered Codeless Test Automation on the Cloud
- [Aqua](#): Test management with AI
- [ChatGPT](#) / [Claude](#): Widely used for test case drafting and BDD scenario writing
- [Diffblue Cover](#): AI-powered Java unit test writing
- [Eggplant \(Keysight\)](#): AI-powered software test automation
- [Functionize](#): Test case creation with NLP technology
- [Mabl](#): Self-healing tests
- [Maestro Studio](#): Browser-based visual mobile test builder
- [Testim \(Tricentis\)](#): Web and mobile testing with AI
- [Qodo \(CodiumAI\)](#): AI-generated unit and integration tests

[Pandas](#), [NumPy](#), [Scikit-learn](#): Core Python data and ML stack  
[Matplotlib](#), [Seaborn](#): Visualization in Python  
[TensorFlow](#) / [Pytorch](#): End-to-end open source ML frameworks  
[Claude AI](#): Next-generation AI assistant; strong at code, analysis, and test writing  
[GitHub Copilot](#): Supports agents, PR reviews, and full-file generation  
[Cursor](#): AI-native code editor; widely adopted for test writing workflows  
[Google Gemini](#) / [Vertex AI](#): Unified AI platform, replaces Google Cloud ML Engine  
[Microsoft Azure AI Studio](#): Successor to Azure Machine Learning portal  
[Amazon SageMaker](#): Cloud-based ML platform  
[IBM Watson Machine Learning](#): Full-service IBM Cloud offering

## General purpose AI tools & frameworks

