

TestMate AI

Automated Test Case
Generation & Execution

What is Test Mate AI? Key Highlights

1. A smart AI-driven tool for automated test case generation and execution.
2. Supports Python, JavaScript, and Scala code analysis.
3. *Highlights:*
 - **AI-powered test case generation** using AWS Bedrock.
 - **Seamless GitHub integration** for repository-based testing.
 - **Automated execution of generated test cases.**

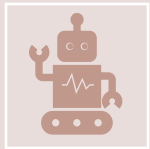
Features & Benefits



Comprehensive Code Analysis

Supports Python, JavaScript, and Scala files.

Extracts testable logic from uploaded scripts.



AI-Driven Test Case Generation

Uses AWS Bedrock (Claude AI) for test generation.



Automation & Efficiency

Clones GitHub repositories and processes files.

Executes test cases and provides a downloadable HTML report.

- **Why TestMate AI?**
- **Saves time** by automating testing workflows.
- **Improves accuracy** with AI-driven logic extraction.
- **Enhances software quality** by ensuring proper test coverage.