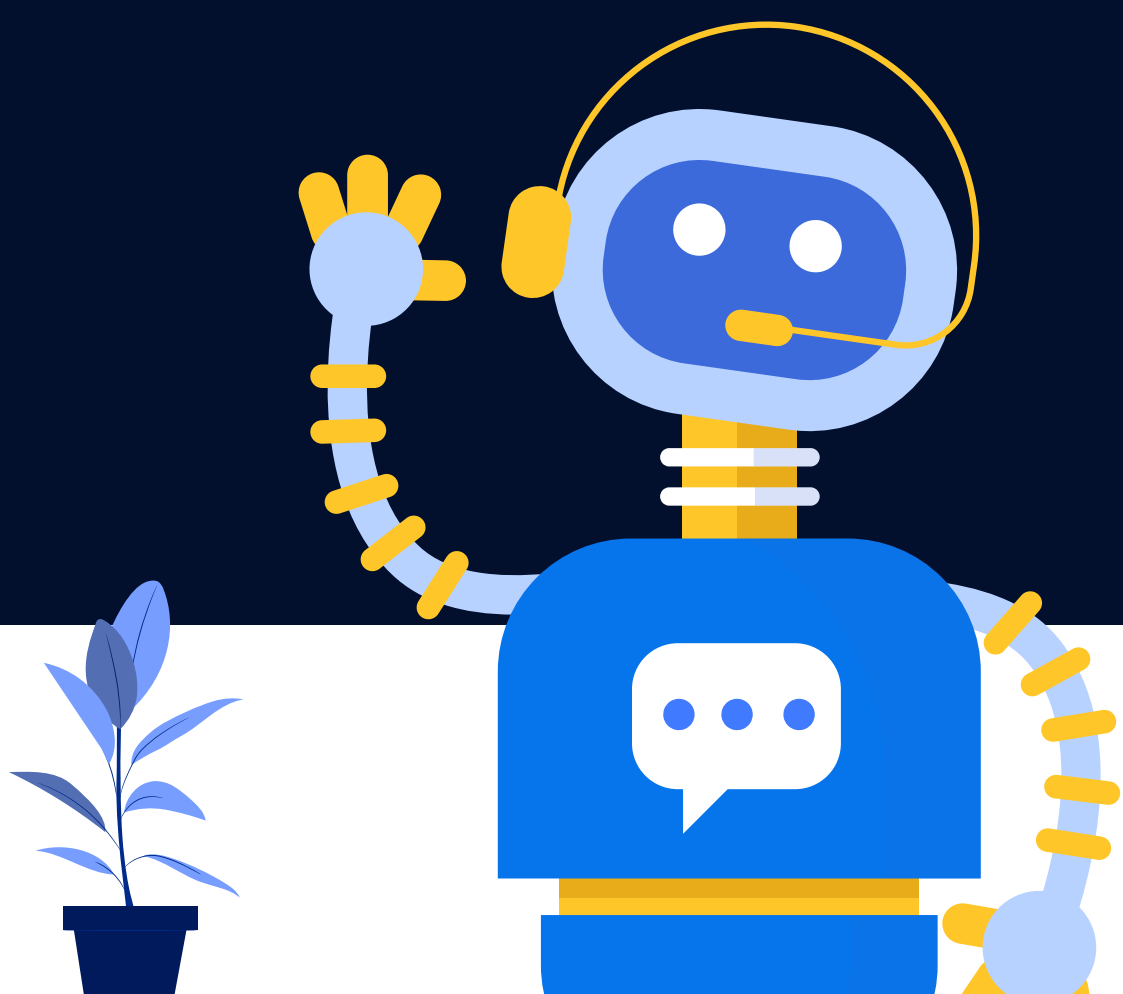




# HOW TO SET UP AGENTFORCE TESTING CENTER (ATC) WITH ACCELIRATE

Agentforce Testing Center (ATC) helps you rigorously test autonomous agents before deploying them in the real world. It provides a safe simulation layer to validate behavior, track decision paths, and catch failures early.



## WHY USE ATC?

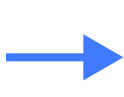
Capability	What It Helps With
Scenario Testing	Define real-world goals and check expected behavior

1. **Tool Mocking** Replace APIs with mock responses for safe simulation

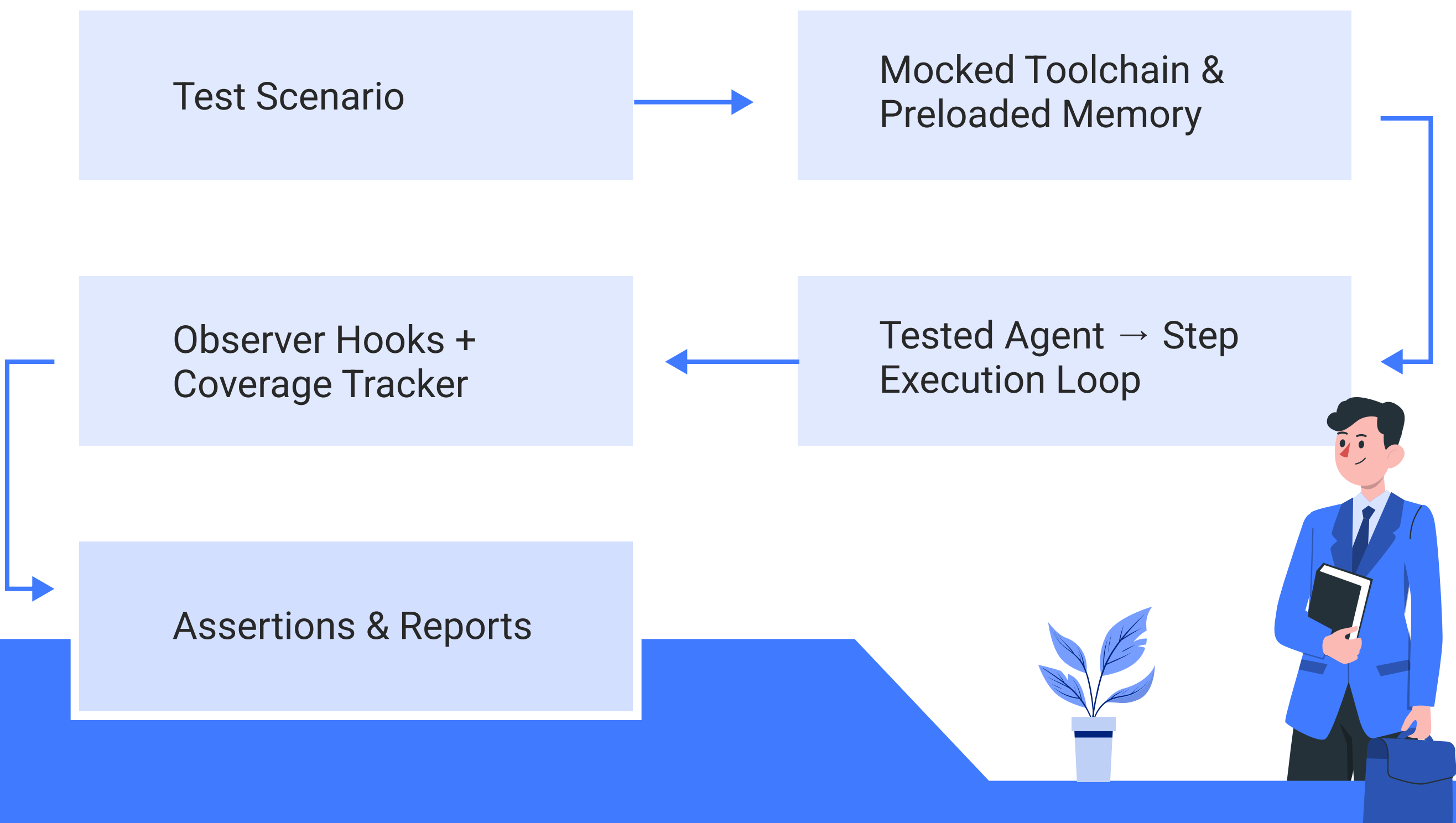
2. **Memory Injection** Preload agent memory with test data/context
3. **Coverage Tracking** Track all reasoning paths taken during the test

4. **Guardrails & Alerts** Automatically flag hallucinations, bad actions, or loops

## ATC TESTING ARCHITECTURE



The ATC framework wraps the core agent loop with testing orchestration, input injections, and assertion engines.



## Step-by-Step Guide to Set Up Agentforce Testing Center

### 1. Install Agentforce + ATC

- `pip install agentforce`
- `pip install agentforce-testing`

### 2. Define a Test Scenario

- Create a JSON or Python-defined test that mimics real-world conditions.
- `from agentforce.testing import TestScenario`

### 3. Add Tool Mocks

- Replace real tools with **controlled mock outputs**.
- `scenario.mock_tool("SearchWeb", lambda query: "Top articles on AI Copilot.")`

### 4. Add Assertions

- Verify the agent's behavior with custom checks.
- `def contains_product_name(output: str) -> bool:`
- `return "AI Copilot" in output`

### 5. Run the Test

- `from agentforce.testing import run_test`

### What You Get

- Pass/Fail Report
- Reasoning Step Logs
- Behavior Flags (loops, hallucinations, risky actions)
- Coverage Insights

Test Smarter, Build Better Agents.



Try Agentforce Testing Center with Accelerate's expertise