

Watermelon AI Automation Testing

Duration: 3 days (24 hours)

Prerequisites: Knowledge of Testing and Web/Mobile-related Elements

Day 1: Introduction & Platform Setup

Module 1: Introduction to Watermelon

- What is Watermelon AI
- Use cases in testing and automation
- No-code automation approach
- Role of AI agents

Module 2: Platform Overview (Official Docs Alignment)

- Help Center Overview & navigation
- Dashboard walkthrough
- Core components:
 - Agents
 - Inbox
 - Knowledge/Data sources

Module 3: Account Setup & Navigation

- Login and workspace setup
- Exploring UI components
- Understanding settings

Module 4: Creating an AI Agent (Quickstart)

- Step-by-step agent creation
 - Agent configuration
 - Understanding response behavior
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Labs

- Explore dashboard and modules
 - Create an AI agent
 - Run initial queries and observe responses
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Day 2: Training & Agent Testing

Module 5: Training the AI Agent

- Concept of knowledge-based responses
- Adding training data:
 - Website content

- Documents
- Managing knowledge sources

Module 6: Improving Responses

- Editing and refining answers
- Adding FAQs
- Adjusting response tone

Module 7: Testing the Agent

- Using Playground / Tester
- Running test conversations
- Validating:
 - Accuracy
 - Missing responses
- Fixing incorrect outputs

Module 8: Test Scenario Design

- Creating test scenarios
 - Positive and negative test cases
 - Reusable test inputs
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Labs

- Train agent using sample dataset
 - Execute multiple test scenarios
 - Identify incorrect responses
 - Update and retest
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Day 3: Automation Testing & Practical Implementation

Module 9: Automation Testing with Watermelon

- Overview of automation testing
- Role of AI in test execution
- Comparison with manual testing

Module 10: Creating Test Scenarios

- Designing test flows:
 - Input → Expected output
- Repeating and validating results
- Maintaining consistency in responses

Module 11: Data & Integration Overview

- Connecting data sources
- Using integrated knowledge for responses

- Enhancing agent capability

Module 12: Best Practices

- Improving response accuracy
 - Structuring training data
 - Avoiding common issues
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Labs

- Create multiple test scenarios
- Execute repeated validation cycles
- Improve agent accuracy
- Final task:
 - 👉 Build an AI agent for FAQ-based use case