

QA

ADVANCED

4 DAYS

UI Automation with Katalon Studio

Build a strong foundation in UI automation testing using Katalon Studio by understanding core concepts and tool capabilities. Learn how to set up Katalon, organize test projects, and create automated UI tests efficiently using record and playback features for faster quality assurance.

Why Katalon?

Faster UI automation

Build web and mobile UI suites in Katalon quickly.

Clear reporting

Track execution results for stakeholders.

Lower maintenance

Use object repositories and reusable test design.

CI alignment

Integrate Katalon runs into delivery pipelines.

What you'll be able to do

- ✓ Gain a comprehensive understanding of UI automation concepts, its benefits, and its role in software testing.
- ✓ Learn about the features and capabilities of Katalon Studio, a powerful UI automation tool.
- ✓ Learn how to install and configure Katalon Studio on different platforms, ensuring a smooth setup process.
- ✓ Learn how to create test projects within Katalon Studio and organise test artifacts effectively.
- ✓ Discover the record and playback functionality in Katalon Studio, enabling the creation of automated test scripts quickly.

Who this is for

- Software Testers
- Automation Testers
- Test Automation Engineers
- Quality Assurance (QA) Professionals
- Software Developers

Curriculum

01 UI Automation Foundations

- Apply ui automation foundations using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

02 Katalon Setup

- Apply katalon setup using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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03 Creating Test Cases

- Apply creating test cases using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
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04 Web Testing

- Apply web testing using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
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05 Mobile Testing Overview

- Apply mobile testing overview using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
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06 Groovy Scripting Basics

- Apply groovy scripting basics using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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07 Object Identification

- Apply object identification using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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08 Test Data Management

- Apply test data management using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
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09 Execution and Reporting

- Apply execution and reporting using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
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10 CI/CD and VCS Integration

- Apply ci/cd and vcs integration using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

11 Best Practices and Maintenance

- Apply best practices and maintenance using Katalon Studio in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks