

Automation for Black Box Tester: KATALON

1. Introduction of Automation
 - I. What is Automation Testing
 - II. Automation Vs Manual Testing
 - III. How Automation is Testing World
 - IV. Future of Automation(Machine and Artificial Intelligence)
2. Introduction of Automations Tools
 - i. Kataon
 - ii. Selenium
 - iii. QTP
 - iv. Comparative study of Above tools
3. What is Katalon and it's scope
4. Object, Object Repository and Object Analysis
5. Object Identification (Object Spy)
6. Record and Play Feature
 - I. Test Case Recording
 - II. Test Script Enhancement
 - III. Object Property Analysis
 - IV. Use of Test Data
7. Keyword Driven Automation
 - I. Introduction of Keyword frameworks
 - II. In build Keywords of KATALON.
 - III. How to Automate using Keywords
8. Automation Using Keywords
 - I. Introduction of Programming Language (Groovy and JAVA)
 - II. Core Java Classes (10 hours)
 - III. How to Automate using scrip mode
9. Katalon Store and Plugins
10. Debugging and Troubleshooting
11. Custom Keywords Creation
12. Listeners in Katalon Studio
13. Basic API Testing and API Test with Katalon Studio
14. Result Verification, test case automation and Test Suit Creation
15. Test Suite Collection Creation
16. Result Analysis and Report Email Set Up
17. Headless Browser Execution
18. Command Line Execution
19. Integration of Katalon with Jira
20. Test Analytics and Analysis
21. Debugging in Katalon Studio
22. Miscellaneous topics
 - Handle Alerts in Katalon Studio
 - Wait in Katalon Studio
 - Iframe Testing
 - File Upload Testing
 - File Download Testing
23. Katalon as Selenium WebDriver
24. Katalon Studio – Project