

## **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
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. Result Verification, test case automation and Test Suit Creation
10. Result Analysis
11. Integration of Katalon with Jira
12. Test Analytics
13. Debuging in Katalon
14. Miscellaneous topics
15. Katalon as Selenium WebDriver
16. Run Katalon Script on Remote Machine
17. Deployment of Katalon script on Remote Machine and Jenkins Job creation