Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

QUALITY ASSURANCE AND ISO STANDARDS

Using JIRA for Quality Assurance in Agile Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
10 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

P.O. Box 102802-00101, Nairobi, Kenya

Training Centers: Nairobi • Mombasa • Kigali • Dubai • Live Virtual Academy

Tel: +254 724 527 104 | +254 734 969 612

Email: training@datastatresearch.org

www.datastatresearch.org

Using JIRA for Quality Assurance in Agile Training Course

Quality Assurance and ISO standards • 10 Days Intensive • Accredited Certification

Course Overview

Using JIRA for Quality Assurance in Agile Training Course on leveraging JIRA for Quality Assurance within Agile environments, equipping participants with practical skills to track bugs, implement test management strategies, and improve overall software quality.

Key Skills & Software Tools Covered

QA tracking • Agile workflow • project management

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
5 Jan 2026 – 16 Jan 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Jan 2026 – 16 Jan 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Cape Town	Classroom / 10d	**$9,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Singapore	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Istanbul	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Bangkok	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Accra	Classroom / 10d	**$8,000 USD / KES 110,000**
19 Jan 2026 – 30 Jan 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Jan 2026 – 30 Jan 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 110,000**
19 Jan 2026 – 30 Jan 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 110,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Using JIRA for Quality Assurance in Agile Training Course

Introduction

Agile methodologies have transformed how organizations deliver software solutions, emphasizing speed, collaboration, and continuous improvement. Within this framework, Quality Assurance plays a central role in ensuring that deliverables meet high standards of reliability and performance. JIRA, a leading project management and issue-tracking tool, is widely used to support Agile teams in streamlining workflows, monitoring defects, and enhancing transparency across development cycles. Using JIRA for Quality Assurance in Agile Training Course on leveraging JIRA for Quality Assurance within Agile environments, equipping participants with practical skills to track bugs, implement test management strategies, and improve overall software quality.

By combining real-world case studies, interactive sessions, and project-based learning, this training ensures that participants not only understand the technical functionalities of JIRA but also gain insights into best practices for Agile Quality Assurance. Learners will explore modules designed to integrate JIRA into sprint planning, test execution, defect management, and reporting, all while aligning with Agile values of collaboration and adaptability. The course emphasizes critical trending keywords such as Agile Testing, QA Automation, JIRA Workflows, Defect Tracking, and Continuous Delivery, ensuring participants are well-prepared for evolving industry demands.

Course Objectives

- Understand Agile Quality Assurance fundamentals using JIRA.
- Configure JIRA dashboards for defect tracking and QA workflows.
- Apply JIRA for sprint-based test case management.
- Integrate JIRA with QA automation tools for efficiency.
- Enhance communication between developers, testers, and stakeholders.
- Leverage JIRA filters and reports for quality insights.
- Implement Agile testing practices with JIRA integration.
- Identify and resolve bottlenecks in QA workflows.
- Develop reusable JIRA test plans for Agile projects.
- Optimize JIRA for continuous testing and delivery.
- Apply JIRA metrics to monitor quality performance trends.
- Use real-world case studies to analyze Agile QA challenges.
- Gain hands-on experience with JIRA configurations for QA teams.

Organizational Benefits

- Streamlined Agile QA processes across development teams.
- Improved defect visibility and faster resolution cycles.
- Higher software reliability with efficient JIRA test management.
- Enhanced collaboration between QA, developers, and business units.
- Reduced project risks through transparent issue tracking.
- Accelerated product releases without compromising quality.
- Scalable QA processes adaptable to multiple projects.
- Increased ROI by optimizing JIRA for Agile workflows.
- Strengthened organizational culture of continuous improvement.
- Better decision-making through data-driven JIRA reports.

Target Audiences

- Quality Assurance Engineers
- Agile Testers
- Scrum Masters
- Product Owners
- Software Developers
- Business Analysts
- Project Managers
- DevOps Professionals

Course Duration: 10 days

Course Modules

Module 1: Introduction to Agile Quality Assurance and JIRA

- Overview of Agile testing principles
- Understanding the role of JIRA in Agile projects
- Key JIRA features for QA professionals
- Agile QA workflows in JIRA
- Collaboration benefits for QA teams
- Case Study: Using JIRA to align QA with Agile sprints

Module 2: Configuring JIRA for Quality Assurance

- Setting up JIRA for Agile QA processes
- Creating QA-specific workflows
- Customizing dashboards for defect tracking
- Managing QA permissions and roles
- Applying Agile board configurations
- Case Study: Configuring JIRA workflows for a QA team

Module 3: JIRA for Test Management

- Creating and managing test cases in JIRA
- Mapping test cases to user stories
- Tracking test execution using JIRA boards
- Organizing QA artifacts within JIRA
- Using JIRA add-ons for test management
- Case Study: Test case management for Agile releases

Module 4: Defect Management in JIRA

- Logging and categorizing defects
- Linking defects to requirements and test cases
- Prioritizing defect resolution in sprints
- Defect lifecycle management in Agile QA
- Analyzing defect trends and patterns
- Case Study: Defect tracking with JIRA for sprint reviews

Module 5: Advanced JIRA Reporting and Dashboards

- Creating QA-focused JIRA reports
- Configuring custom dashboards for Agile QA
- Using JIRA filters for test and defect visibility
- Tracking sprint-level quality metrics
- Sharing reports with stakeholders
- Case Study: Dashboard setup for QA leadership

Module 6: JIRA Integration with Automation Tools

- Connecting JIRA with test automation frameworks
- Syncing automated test results into JIRA
- Enhancing CI/CD with JIRA integrations
- Linking Jenkins and other tools with JIRA QA workflows
- Reducing manual effort through automation in QA
- Case Study: JIRA integration with Selenium for Agile testing

Module 7: Agile Sprint Planning with QA in JIRA

- Aligning QA activities with sprint goals
- Using JIRA for backlog refinement
- Estimating QA tasks in JIRA
- Tracking sprint progress with QA metrics
- Managing QA dependencies within sprints
- Case Study: Sprint planning with integrated QA in JIRA

Module 8: JIRA for Continuous Testing and Delivery

- Incorporating QA into Agile release pipelines
- Tracking continuous testing outcomes in JIRA
- Managing regression testing cycles
- JIRA workflows for release readiness
- Leveraging JIRA for DevOps collaboration
- Case Study: Continuous testing implementation with JIRA

Module 9: Scaling Agile QA with JIRA

- JIRA best practices for scaling QA
- Managing multiple Agile teams with JIRA
- Using JIRA for cross-project QA collaboration
- Advanced JIRA portfolio configurations

- Maintaining consistency across QA workflows
- Case Study: Scaling QA across Agile release trains

Module 10: QA Metrics and KPIs in JIRA

- Identifying key QA performance indicators
- Using JIRA data to measure QA success
- Automating QA metric tracking
- Benchmarking team performance
- Sharing KPIs with stakeholders
- Case Study: QA metric analysis using JIRA reports

Module 11: Enhancing Collaboration with JIRA

- JIRA features supporting cross-team communication
- Integrating QA updates with team stand-ups
- Using JIRA comments and mentions effectively
- Sharing QA insights through JIRA boards
- Improving transparency with real-time updates
- Case Study: Collaboration improvements with JIRA

Module 12: Identifying Bottlenecks with JIRA

- Detecting QA delays using JIRA data
- Analyzing sprint impediments
- Resolving workflow inefficiencies
- Root cause analysis using JIRA reports
- Improving QA process flows
- Case Study: Resolving QA bottlenecks with JIRA

Module 13: Implementing Best Practices for JIRA QA

- Standardizing JIRA usage for QA teams
- Applying Agile QA frameworks in JIRA
- Avoiding common mistakes in QA workflows
- Establishing JIRA governance policies
- Leveraging JIRA for long-term QA growth
- Case Study: Best practice adoption in Agile QA

Module 14: Hands-on JIRA QA Exercises

- Practical tasks for configuring QA boards
- Simulating sprint QA activities
- Executing defects and test management exercises
- Collaborative group projects in JIRA
- Building real-world JIRA QA use cases
- Case Study: Hands-on QA workflow simulation

Module 15: Final Project and Evaluation

- Comprehensive JIRA QA project
- Applying Agile QA skills in a real-world scenario
- Preparing JIRA reports for stakeholders
- Group presentations and peer review

• Evaluating JIRA QA learning outcomes

- Case Study: Full QA project execution in JIRA

Training Methodology

- Instructor-led training with live demonstrations
- Hands-on exercises and guided practice in JIRA

- Group discussions and peer-to-peer learning
- Real-world case study analysis for Agile QA scenarios
- Continuous assessments through module-based tasks
- Final project for practical skill validation

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/using-jira-for-quality-assurance-in-agile-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.