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

ACCOUNTING AND FINANCE

Automated Bank Reconciliation and Transaction Matching 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 24, 2026

Academic & Professional Training Year: 2026

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Automated Bank Reconciliation and Transaction Matching Training Course

Accounting and Finance • 10 Days Intensive • Accredited Certification

Course Overview

Automated Bank Reconciliation and Transaction Matching Training Course is designed to equip finance professionals with advanced knowledge and practical skills in automated financial reconciliation, transaction matching, cash management, and digital banking operations.

Key Skills & Software Tools Covered

MS Word • Microsoft Excel • SAP S/4HANA Finance • and Oracle NetSuite ERP

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)
7 Dec 2026 – 18 Dec 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Dec 2026 – 1 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
4 Jan 2027 – 15 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
18 Jan 2027 – 29 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Feb 2027 – 12 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Feb 2027 – 26 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Mar 2027 – 12 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Mar 2027 – 26 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
29 Mar 2027 – 9 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
12 Apr 2027 – 23 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
26 Apr 2027 – 7 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
10 May 2027 – 21 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
24 May 2027 – 4 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
7 Jun 2027 – 18 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Jun 2027 – 2 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Jul 2027 – 16 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Jul 2027 – 30 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
2 Aug 2027 – 13 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
16 Aug 2027 – 27 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
30 Aug 2027 – 10 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
13 Sep 2027 – 24 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
27 Sep 2027 – 8 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

11 Oct 2027 – 22 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
25 Oct 2027 – 5 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
8 Nov 2027 – 19 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
22 Nov 2027 – 3 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
6 Dec 2027 – 17 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

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

Course Curriculum & Modules

Automated Bank Reconciliation and Transaction Matching Training Course

Introduction

Automated Bank Reconciliation and Transaction Matching Training Course is designed to equip finance professionals with advanced knowledge and practical skills in automated financial reconciliation, transaction matching, cash management, and digital banking operations. As financial institutions and organisations increasingly adopt financial automation, artificial intelligence, machine learning, and cloud-based accounting solutions, the ability to reconcile bank statements accurately and efficiently has become essential. This course explores automated bank reconciliation processes, intelligent transaction matching, accounting system integration, exception management, payment reconciliation, financial data validation, and real-time cash visibility. Participants will learn how to leverage modern financial technology to minimise manual intervention, reduce reconciliation errors, strengthen internal controls, and improve financial reporting accuracy.

The training also examines emerging trends in robotic process automation, application programming interfaces, predictive analytics, and intelligent financial operations. Through practical exercises, international case studies, and technology-driven demonstrations, participants will develop competencies in configuring automated reconciliation workflows, investigating unmatched transactions, resolving discrepancies, and generating accurate reconciliation reports. The course emphasises operational efficiency, fraud detection, regulatory compliance, audit readiness, and financial transparency. Participants will gain actionable strategies for transforming traditional reconciliation activities into streamlined, scalable, and data-driven financial processes that support better decision-making and organisational performance.

Course Objectives

By the end of this course, participants will be able to:

- Understand automated bank reconciliation principles and financial automation technologies.
- Configure intelligent transaction matching and reconciliation workflows.
- Apply artificial intelligence and machine learning in financial transaction matching.
- Integrate banking platforms with enterprise resource planning and accounting systems.
- Improve cash management through real-time reconciliation techniques.
- Identify unmatched transactions and investigate financial discrepancies.
- Implement robotic process automation in reconciliation operations.
- Strengthen fraud detection through automated transaction monitoring.
- Apply data analytics to improve reconciliation accuracy and efficiency.
- Develop effective exception management and resolution procedures.
- Enhance internal controls, audit trails, and financial compliance.
- Generate automated reconciliation reports and performance dashboards.
- Optimise financial operations through digital transformation and continuous process improvement.

Organizational Benefits

- Reduced manual reconciliation costs and administrative workloads.
- Improved transaction matching accuracy and processing speed.
- Enhanced cash flow visibility and liquidity management.
- Stronger fraud prevention and financial risk management.
- Improved financial reporting and audit preparedness.
- Reduced human errors and duplicate transaction entries.
- Increased operational productivity and resource utilisation.
- Enhanced regulatory compliance and financial transparency.
- Faster identification and resolution of reconciliation exceptions.

- Improved scalability through automated financial workflows.

Target Audiences

- Accountants and financial reporting professionals.
- Bank reconciliation and treasury officers.
- Finance managers and financial controllers.
- Banking operations and transaction processing officers.
- Internal auditors and external auditors.
- Accounts payable and receivable specialists.
- Financial technology and automation professionals.
- Risk management and compliance officers.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Automated Bank Reconciliation

- Principles and importance of automated bank reconciliation.
- Traditional versus automated reconciliation processes.
- Bank statements, general ledgers, and transaction records.
- Reconciliation cycles, controls, and reporting requirements.
- Global case study: Digital reconciliation transformation in Singaporean banking.
- Key performance indicators for reconciliation efficiency.

Module 2: Automated Transaction Matching Techniques

- Exact, partial, and fuzzy transaction matching.
- Reference numbers, payment identifiers, and transaction descriptions.
- Matching rules, tolerances, and prioritisation.
- Duplicate detection and transaction validation.
- Global case study: Automated payment matching in United Kingdom banking.
- Resolving unmatched and partially matched transactions.

Module 3: Financial Automation and Intelligent Technologies

- Robotic process automation in reconciliation.
- Artificial intelligence and machine learning applications.
- Optical character recognition for bank statement processing.
- Intelligent workflow configuration and automation triggers.
- Global case study: Automation of financial operations in United States banks.
- Evaluating automation accuracy and operational performance.

Module 4: Accounting Systems and Banking Integration

- Integration of banking platforms with accounting software.
- Enterprise resource planning system reconciliation.
- Application programming interfaces and secure data exchange.
- Automated bank feeds and transaction imports.
- Global case study: Enterprise financial integration in Germany.
- Data synchronisation and system integration controls.

Module 5: Exception Management and Discrepancy Resolution

- Identifying unmatched and missing transactions.
- Investigating timing differences and posting errors.
- Managing duplicate payments and incorrect entries.
- Exception categorisation, escalation, and resolution.
- Global case study: Payment discrepancy management in Australian financial institutions.
- Developing automated exception reporting procedures.

Module 6: Internal Controls, Fraud Detection and Compliance

- Automated fraud detection and suspicious transaction monitoring.
- Segregation of duties and access management.
- Audit trails and transaction traceability.
- Financial compliance and data protection requirements.
- Global case study: Financial transaction monitoring in Canadian banking.
- Strengthening reconciliation governance and accountability.

Module 7: Reconciliation Analytics and Financial Reporting

- Developing automated reconciliation dashboards.
- Cash flow monitoring and financial data visualisation.
- Reconciliation ageing and exception analysis.
- Performance measurement and management reporting.
- Global case study: Real-time financial analytics in Dutch banking.
- Generating audit-ready reconciliation reports.

Module 8: Practical Implementation and Process Optimisation

- Designing end-to-end automated reconciliation workflows.
- Selecting suitable reconciliation software and technologies.
- Testing, validating, and deploying automation solutions.
- Managing implementation risks and organisational change.
- Global case study: Digital reconciliation transformation in Indian banking.
- Developing continuous improvement and automation strategies.

Training Methodology

- Interactive presentations and expert-led discussions.
- Practical demonstrations of automated reconciliation software.
- Hands-on transaction matching and discrepancy resolution exercises.
- Real-world international banking case studies.
- Group assignments and financial process simulations.
- Software-based reconciliation workflow configuration.
- Individual assessments and practical problem-solving activities.
- Knowledge-sharing sessions and participant presentations.

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/automated-bank-reconciliation-and-transaction-matching-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.