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

Digital Transformation of Accounting and Finance Departments 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

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

Digital Transformation of Accounting and Finance Departments Training Course

Accounting and Finance • 10 Days Intensive • Accredited Certification

Course Overview

Digital Transformation of Accounting and Finance Departments Training Course equips finance professionals with the knowledge and practical skills required to modernise financial operations through emerging technologies, automation, artificial intelligence, cloud computing, and data analytics.

Key Skills & Software Tools Covered

MS Word • Microsoft Dynamics 365 Finance • 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

Digital Transformation of Accounting and Finance Departments Training Course

Introduction

Digital Transformation of Accounting and Finance Departments Training Course equips finance professionals with the knowledge and practical skills required to modernise financial operations through emerging technologies, automation, artificial intelligence, cloud computing, and data analytics. The course explores how digital finance transformation improves accounting accuracy, financial reporting, budgeting, forecasting, internal controls, regulatory compliance, and strategic financial decision-making. Participants will examine innovative financial technologies, including Enterprise Resource Planning (ERP) systems, robotic process automation, blockchain, electronic invoicing, digital payment platforms, and business intelligence tools to enhance operational efficiency and organisational performance.

As organisations embrace digital transformation, accounting and finance departments must transition from traditional transactional functions into strategic, technology-driven business partners. This training provides practical insights into financial process automation, cybersecurity, data governance, digital financial ecosystems, and technology-enabled risk management. Through international case studies and practical applications, participants will learn how to develop digital transformation roadmaps, manage technology implementation, optimise financial workflows, and leverage real-time financial information to support sustainable growth, transparency, accountability, and competitive advantage.

Course Objectives

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

- Understand digital transformation strategies in modern accounting and finance.
- Implement financial process automation and intelligent workflows.
- Apply artificial intelligence in financial analysis and reporting.
- Utilise cloud-based accounting and financial management systems.
- Improve financial data analytics and business intelligence capabilities.
- Strengthen digital financial controls and governance frameworks.
- Apply robotic process automation to repetitive accounting tasks.
- Enhance cybersecurity and financial data protection.
- Integrate Enterprise Resource Planning systems into financial operations.
- Improve digital budgeting, forecasting, and financial planning.
- Leverage blockchain and emerging financial technologies.
- Develop effective digital transformation implementation roadmaps.
- Promote innovation, operational efficiency, and strategic financial decision-making.

Organizational Benefits

- Reduced accounting costs through automation.
- Improved financial reporting accuracy and transparency.
- Faster financial closing and reconciliation processes.
- Enhanced regulatory compliance and audit readiness.
- Stronger cybersecurity and financial data protection.
- Improved budgeting and forecasting accuracy.
- Better resource allocation and financial performance.
- Increased productivity across finance departments.
- Improved management decisions through real-time analytics.
- Greater organisational competitiveness and digital readiness.

Target Audiences

- Chief Financial Officers and Finance Directors.
- Finance Managers and Accountants.
- Financial Controllers and Auditors.
- Chief Information Officers and IT Managers.
- Budgeting and Financial Planning Professionals.
- Internal Control and Risk Management Officers.
- Digital Transformation and Innovation Managers.
- Government Finance Officers and Financial Consultants.

Course Duration: 10 days

Course Modules

Module 1: Fundamentals of Digital Transformation in Finance

- Understanding digital finance transformation.
- Evolution of technology-driven accounting.
- Digital finance operating models.
- Strategic alignment of finance and technology.
- Emerging global financial technology trends.
- Case study: DBS Bank's digital transformation journey.

Module 2: Digital Accounting Systems and Automation

- Modern accounting information systems.
- Automated bookkeeping and reconciliations.
- Electronic invoicing and payment processing.
- Digital accounts payable and receivable.
- Accounting workflow optimisation.
- Case study: Xero cloud accounting adoption by businesses.

Module 3: Enterprise Resource Planning in Finance

- ERP architecture and financial integration.
- Financial modules and system configuration.
- Automated general ledger management.
- Procurement and financial data integration.
- ERP implementation strategies.
- Case study: Microsoft's implementation of Dynamics 365.

Module 4: Artificial Intelligence in Accounting

- AI applications in accounting operations.
- Intelligent invoice processing.
- Predictive financial analytics.
- AI-powered fraud detection.
- Generative AI for financial reporting.
- Case study: JPMorgan Chase's COiN technology.

Module 5: Robotic Process Automation in Finance

- RPA fundamentals and applications.
- Automating repetitive accounting processes.
- Digital reconciliation workflows.
- RPA implementation and monitoring.
- Measuring automation performance.
- Case study: UiPath financial process automation applications.

Module 6: Cloud Computing and Digital Finance Platforms

- Cloud-based accounting solutions.
- Financial data storage and accessibility.
- Software-as-a-Service financial platforms.
- Cloud integration and migration.
- Managing cloud security and reliability.
- Case study: Oracle Fusion Cloud Financials adoption.

Module 7: Financial Data Analytics and Business Intelligence

- Financial data collection and management.
- Advanced financial analytics techniques.
- Interactive dashboards and visualisation.
- Real-time performance monitoring.
- Data-driven financial decision-making.
- Case study: Walmart's data-driven financial operations.

Module 8: Digital Budgeting and Financial Forecasting

- Automated budgeting processes.
- Rolling forecasts and scenario analysis.
- Predictive financial modelling.
- Digital expenditure monitoring.
- Performance-based financial planning.
- Case study: Unilever's digital financial planning practices.

Module 9: Blockchain and Emerging Financial Technologies

- Blockchain fundamentals in accounting.
- Smart contracts and automated transactions.
- Distributed ledger financial applications.
- Digital assets and transaction transparency.
- Opportunities and implementation challenges.
- Case study: JPMorgan's JPM Coin initiative.

Module 10: Digital Payments and Treasury Management

- Electronic payment ecosystems.
- Digital cash management systems.
- Automated bank reconciliations.
- Treasury analytics and liquidity monitoring.
- Payment security and transaction controls.
- Case study: PayPal's digital payment infrastructure.

Module 11: Cybersecurity and Financial Data Governance

- Financial cybersecurity frameworks.
- Data privacy and access management.
- Digital fraud prevention strategies.
- Financial information governance.
- Regulatory compliance and data protection.
- Case study: Equifax's cybersecurity breach and lessons.

Module 12: Digital Auditing and Internal Controls

- Continuous auditing technologies.
- Automated internal control monitoring.
- Digital audit trails and documentation.
- AI-powered anomaly detection.
- Technology-enabled risk assessment.

- Case study: KPMG's technology-enabled audit solutions.

Module 13: Regulatory Technology and Digital Compliance

- Regulatory technology fundamentals.
- Automated tax compliance systems.
- Digital financial reporting standards.
- Electronic records and documentation.
- Compliance monitoring and reporting.
- Case study: Estonia's digital government and tax administration.

Module 14: Change Management and Digital Skills Development

- Managing digital transformation resistance.
- Developing digital finance competencies.
- Technology adoption and staff training.
- Leadership in digital finance transformation.
- Measuring organisational change readiness.
- Case study: DBS Bank's workforce digital transformation.

Module 15: Digital Transformation Strategy and Implementation

- Conducting finance digital maturity assessments.
- Developing digital transformation roadmaps.
- Evaluating financial technology investments.
- Monitoring implementation and return on investment.
- Establishing continuous improvement frameworks.
- Case study: Siemens' enterprise-wide digital transformation.

Training Methodology

- Interactive presentations and expert-led discussions.
- Practical demonstrations of digital accounting technologies.
- Group exercises and financial automation simulations.
- International case studies and comparative analysis.
- Hands-on financial analytics and dashboard development.
- Individual assignments and digital transformation planning.
- Group presentations and implementation strategy development.

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/digital-transformation-of-accounting-and-finance-departments-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.