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 Banking Operations and Fintech Innovation Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 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 25, 2026

Academic & Professional Training Year: 2026

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Digital Banking Operations and Fintech Innovation Training Course

Accounting and Finance • 5 Days Intensive • Accredited Certification

Course Overview

Digital Banking Operations and Fintech Innovation Training Course provides comprehensive knowledge and practical skills for managing modern digital financial services, banking technology infrastructure, and emerging financial technology solutions.

Key Skills & Software Tools Covered

MS Word • Temenos Transact • Finastra Fusion • and Mambu

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)
30 Nov 2026 – 4 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
7 Dec 2026 – 11 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
14 Dec 2026 – 18 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
21 Dec 2026 – 25 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
28 Dec 2026 – 1 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
4 Jan 2027 – 8 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
11 Jan 2027 – 15 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
18 Jan 2027 – 22 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
25 Jan 2027 – 29 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
1 Feb 2027 – 5 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
8 Feb 2027 – 12 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
15 Feb 2027 – 19 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
22 Feb 2027 – 26 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
1 Mar 2027 – 5 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
8 Mar 2027 – 12 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
15 Mar 2027 – 19 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
22 Mar 2027 – 26 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
29 Mar 2027 – 2 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
5 Apr 2027 – 9 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
12 Apr 2027 – 16 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
19 Apr 2027 – 23 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
26 Apr 2027 – 30 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
3 May 2027 – 7 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**

10 May 2027 – 14 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
17 May 2027 – 21 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
24 May 2027 – 28 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
31 May 2027 – 4 Jun 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
7 Jun 2027 – 11 Jun 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
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2 Aug 2027 – 6 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
9 Aug 2027 – 13 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
16 Aug 2027 – 20 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
23 Aug 2027 – 27 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
30 Aug 2027 – 3 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
6 Sep 2027 – 10 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
13 Sep 2027 – 17 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
20 Sep 2027 – 24 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
27 Sep 2027 – 1 Oct 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
4 Oct 2027 – 8 Oct 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
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20 Dec 2027 – 24 Dec 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**

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

Course Curriculum & Modules

Digital Banking Operations and Fintech Innovation Training Course

Introduction

Digital Banking Operations and Fintech Innovation Training Course provides comprehensive knowledge and practical skills for managing modern digital financial services, banking technology infrastructure, and emerging financial technology solutions. The course explores digital banking transformation, mobile banking, internet banking, electronic payment systems, financial technology ecosystems, blockchain applications, artificial intelligence, open banking, cybersecurity, and regulatory compliance. Participants will gain insights into how financial institutions leverage automation, data analytics, cloud computing, and digital platforms to improve operational efficiency, enhance customer experience, strengthen financial inclusion, and remain competitive in an evolving financial services industry.

The programme also examines global fintech innovations, digital financial ecosystems, payment innovations, embedded finance, digital lending, and technology-driven banking strategies. Through practical exercises and international case studies, participants will explore successful digital transformation initiatives implemented by leading financial institutions and fintech companies. Emphasis is placed on digital risk management, operational resilience, regulatory technology, customer data protection, and sustainable innovation to help organisations develop secure, scalable, and customer-centric banking operations.

Course Objectives

- Understand digital banking operations and financial technology transformation.
- Develop expertise in mobile banking and internet banking platforms.
- Examine real-time payments and electronic transaction processing.
- Explore artificial intelligence and banking automation.
- Understand blockchain technology and digital financial ecosystems.
- Strengthen cybersecurity and digital fraud prevention.
- Apply data analytics for customer insights and decision-making.
- Evaluate open banking and application programming interfaces.
- Understand digital lending and embedded finance models.
- Strengthen regulatory compliance and financial technology governance.
- Improve digital customer experience and financial inclusion.
- Develop fintech innovation and digital transformation strategies.
- Evaluate emerging technologies for operational efficiency and competitiveness.

Organizational Benefits

- Improved banking efficiency through digital process automation.
- Reduced transaction costs and operational risks.
- Enhanced customer satisfaction and retention.
- Stronger cybersecurity and fraud prevention.
- Increased financial inclusion through digital channels.
- Improved regulatory compliance and governance.
- Faster payment processing and transaction reconciliation.
- Better strategic decision-making through financial analytics.
- Increased competitiveness through fintech innovation.
- Sustainable digital banking transformation.

Target Audiences

- Banking executives and financial institution managers.
- Digital banking operations professionals.
- Fintech entrepreneurs and startup founders.
- Banking technology and information technology specialists.
- Risk management and compliance officers.
- Payment systems and transaction processing professionals.
- Financial analysts and digital transformation consultants.

- Regulators and financial services policymakers.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Digital Banking Operations

- Evolution and architecture of digital banking.
- Digital banking business models and operating frameworks.
- Core banking systems and technology integration.
- Digital banking channels and service delivery.
- Operational efficiency and process automation.
- Case study: DBS Bank Singapore's digital banking transformation.

Module 2: Mobile Banking and Internet Banking Innovation

- Mobile banking platforms and application development.
- Internet banking architecture and functionality.
- Digital onboarding and electronic Know Your Customer processes.
- Biometric authentication and customer verification.
- Omnichannel banking and customer engagement.
- Case study: Kenya's M-PESA and mobile financial services ecosystem.

Module 3: Digital Payments and Transaction Processing

- Electronic payment systems and payment gateways.
- Real-time gross settlement and instant payment networks.
- Digital wallets and contactless payment technologies.
- Transaction reconciliation and settlement processes.
- Cross-border payments and payment interoperability.
- Case study: India's Unified Payments Interface digital payment ecosystem.

Module 4: Fintech Innovation and Emerging Technologies

- Artificial intelligence and machine learning in banking.
- Blockchain technology and distributed ledger applications.
- Robotic process automation in financial operations.
- Cloud computing and banking infrastructure.
- Embedded finance and banking-as-a-service models.
- Case study: Ant Group's fintech innovation and digital financial ecosystem.

Module 5: Digital Banking Cybersecurity and Risk Management

- Cybersecurity frameworks and digital banking threats.
- Fraud detection and transaction monitoring.
- Data privacy and customer information protection.
- Identity management and multifactor authentication.
- Operational resilience and incident response.
- Case study: Global banking cybersecurity and fraud prevention practices.

Module 6: Open Banking, APIs and Financial Integration

- Open banking frameworks and regulatory requirements.
- Application programming interfaces and system integration.
- Third-party payment providers and fintech partnerships.
- Data sharing, consent management and interoperability.
- Embedded banking and financial service innovation.
- Case study: United Kingdom's open banking ecosystem.

Module 7: Digital Lending, Analytics and Financial Inclusion

- Digital credit assessment and automated loan processing.

- Alternative credit scoring and predictive analytics.
- Customer segmentation and behavioural analytics.
- Digital financial inclusion and underserved markets.
- Peer-to-peer lending and alternative financing.
- Case study: Tala's digital lending model in emerging markets.

Module 8: Regulatory Compliance and Future Banking Innovation

- Financial technology regulations and compliance frameworks.
- Anti-money laundering and digital Know Your Customer controls.
- Regulatory technology and compliance automation.
- Central bank digital currencies and digital assets.
- Sustainable fintech innovation and future banking trends.
- Case study: Singapore's Monetary Authority and fintech regulatory sandbox initiatives.

Training Methodology

- Interactive presentations and facilitated discussions.
- Practical digital banking simulations and demonstrations.
- International fintech case studies and group analysis.
- Hands-on exercises involving payment systems and digital platforms.
- Group projects and digital transformation strategy development.
- Expert-led discussions on emerging banking technologies.
- Problem-solving exercises and knowledge assessments.

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-banking-operations-and-fintech-innovation-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.