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

BANKING INSTITUTE

Identity and Access Management (IAM) for Banks 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 21, 2026

Academic & Professional Training Year: 2026

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Identity and Access Management (IAM) for Banks Training Course

Banking Institute • 5 Days Intensive • Accredited Certification

Course Overview

Identity and Access Management (IAM) for Banks Training Course is designed to strengthen identity governance, access control, privileged access management (PAM), zero trust security, regulatory compliance, and cyber risk resilience within modern financial institutions.

Key Skills & Software Tools Covered

User authentication • Access control • Identity governance • Privileged access 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)
27 Jul 2026 – 31 Jul 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Accra	Classroom / 5d	**$4,000 USD / KES 110,000**
3 Aug 2026 – 7 Aug 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
3 Aug 2026 – 7 Aug 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
3 Aug 2026 – 7 Aug 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**

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

Course Curriculum & Modules

Identity and Access Management (IAM) for Banks Training Course

Introduction

Identity and Access Management (IAM) for Banks Training Course is designed to strengthen identity governance, access control, privileged access management (PAM), zero trust security, regulatory compliance, and cyber risk resilience within modern financial institutions. As banks accelerate digital transformation through cloud banking, open banking, mobile platforms, artificial intelligence (AI), and API ecosystems, effective IAM has become a critical defense mechanism against data breaches, insider threats, identity fraud, unauthorized access, and cyberattacks. This course equips banking professionals with advanced knowledge of digital identity management, authentication technologies, role-based access control (RBAC), biometric security, multi-factor authentication (MFA), and identity lifecycle management.

The program focuses on building a secure, scalable, and compliant identity architecture aligned with global banking standards and emerging cybersecurity trends. Participants will explore best practices in access governance, identity analytics, automated provisioning, cloud IAM, privileged account security, and regulatory frameworks while analyzing real-world banking case studies. Through practical exercises and industry scenarios, learners will develop the capabilities required to implement effective IAM strategies that enhance operational efficiency, customer trust, cybersecurity maturity, and financial sector resilience.

Course Duration

5 days

Course Objectives

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

- Understand the strategic importance of Identity and Access Management (IAM) in modern banking cybersecurity.
- Develop effective identity governance frameworks aligned with banking regulations and risk management practices.
- Implement Zero Trust Architecture (ZTA) principles for secure banking environments.
- Design and manage Role-Based Access Control (RBAC) and Attribute-Based Access Control (ABAC) models.
- Strengthen authentication security through Multi-Factor Authentication (MFA) and adaptive authentication.
- Manage Privileged Access Management (PAM) to protect critical banking systems.
- Apply identity lifecycle management from onboarding to access termination.
- Improve compliance with GDPR, ISO 27001, PCI DSS, NIST, and financial regulations.
- Understand modern cloud identity security and hybrid IAM architectures.
- Reduce risks associated with insider threats and identity-based attacks.
- Apply automation through Identity Governance and Administration (IGA) solutions.
- Enhance fraud prevention using identity analytics and behavioral monitoring.
- Develop a future-ready IAM strategy supporting digital banking transformation.

Target Audience

- Chief Information Security Officers (CISOs) and cybersecurity executives.
- Bank IT managers and infrastructure leaders.
- Identity and Access Management professionals.
- Cybersecurity analysts and security engineers.
- Risk management and compliance officers.
- Digital banking and transformation teams.
- Internal auditors and governance professionals.
- System administrators and application security teams.

Course Modules

Module 1: Fundamentals of Identity and Access Management in Banking

- Introduction to IAM concepts, principles, and banking applications.
- Importance of digital identity in financial services.
- Identity lifecycle management processes.
- IAM architecture components and frameworks.
- Emerging trends in banking identity security.
- Case Study: A global bank implements an IAM transformation program after multiple unauthorized access incidents, improving security visibility and regulatory compliance.

Module 2: Identity Governance and Administration (IGA)

- Designing effective identity governance frameworks.
- User provisioning and de-provisioning automation.
- Access certification and entitlement reviews.
- Segregation of duties (SoD) controls.
- Governance dashboards and identity analytics.
- Case Study: A commercial bank automates employee access reviews using IGA tools, reducing compliance risks during regulatory audits.

Module 3: Authentication Technologies and Access Security

- Multi-Factor Authentication (MFA) implementation.
- Passwordless authentication strategies.
- Biometrics and behavioral authentication.
- Single Sign-On (SSO) solutions.
- Adaptive and risk-based authentication.
- Case Study: A digital bank introduces biometric authentication to improve customer security while reducing account takeover fraud.

Module 4: Privileged Access Management (PAM)

- Protecting privileged accounts and administrators.
- PAM architecture and implementation strategies.
- Privileged session monitoring.
- Just-in-Time (JIT) access management.
- Preventing insider threats through privileged controls.
- Case Study: A financial institution deploys PAM controls after detecting excessive administrator privileges across critical systems.

Module 5: Zero Trust Identity Security Framework

- Principles of Zero Trust security.
- Identity as the new security perimeter.
- Continuous authentication and authorization.
- Least privilege access models.
- Micro-segmentation and identity-based controls.
- Case Study: A multinational bank adopts Zero Trust IAM to secure remote employees and cloud-based banking applications.

Module 6: Cloud IAM and Digital Banking Security

- Cloud identity management strategies.
- Hybrid and multi-cloud IAM challenges.
- API identity security.
- Securing mobile banking identities.
- Cloud access governance.
- Case Study: A bank migrating workloads to the cloud implements cloud IAM controls to protect customer financial data.

Module 7: IAM Risk Management, Compliance and Audit

- IAM regulatory requirements in banking.
- ISO 27001 and NIST IAM controls.
- PCI DSS identity requirements.
- IAM auditing methodologies.
- Cyber risk reporting and monitoring.
- Case Study: A regulated bank improves audit readiness by aligning IAM processes with international cybersecurity standards.

Module 8: Future Trends in Banking IAM

- Artificial Intelligence (AI) in identity security.
- Machine learning for identity threat detection.
- Decentralized digital identity.
- Identity analytics and fraud prevention.
- Future IAM operating models.
- Case Study: A fintech organization uses AI-driven identity analytics to detect suspicious access behavior and prevent fraud.

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

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/identity-and-access-management-iam-for-banks-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.