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

Insurance Claims Financial Analysis and Fraud Detection 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

DATASTAT TRAINING INSTITUTE

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

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

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www.datastatresearch.org

Insurance Claims Financial Analysis and Fraud Detection Training Course

Accounting and Finance • 5 Days Intensive • Accredited Certification

Course Overview

Insurance Claims Financial Analysis and Fraud Detection Training Course is designed to equip insurance professionals with advanced knowledge and practical skills in insurance claims assessment, financial analysis, fraud risk management, and claims investigation.

Key Skills & Software Tools Covered

MS Word • Microsoft Excel • SAS Fraud Management • and Guidewire ClaimCenter

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

Course Curriculum & Modules

Insurance Claims Financial Analysis and Fraud Detection Training Course

Introduction

Insurance Claims Financial Analysis and Fraud Detection Training Course is designed to equip insurance professionals with advanced knowledge and practical skills in insurance claims assessment, financial analysis, fraud risk management, and claims investigation. The course explores modern insurance financial management practices, claims reserving, loss adjustment, actuarial analysis, predictive analytics, and data-driven fraud detection techniques. Participants will develop competencies in identifying suspicious claims, evaluating financial exposure, detecting fraudulent transactions, and improving claims settlement accuracy through advanced analytical tools, digital technologies, and risk-based assessment methodologies.

The training also examines emerging trends in insurance fraud detection, artificial intelligence, machine learning, forensic accounting, regulatory compliance, and financial intelligence. Through international case studies, practical exercises, and industry-based scenarios, participants will learn how to strengthen internal controls, minimize fraudulent claims payments, improve claims processing efficiency, and enhance insurance portfolio profitability. The programme emphasizes global best practices, financial transparency, customer protection, and sustainable insurance operations while addressing challenges affecting property, health, motor, life, and reinsurance claims.

Course Objectives

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

- Understand insurance claims financial analysis and risk assessment frameworks.
- Apply advanced financial analysis to insurance claims evaluation.
- Identify fraudulent claims using modern detection techniques.
- Conduct forensic accounting and financial investigations.
- Evaluate claims reserves, liabilities, and loss ratios.
- Apply artificial intelligence and predictive analytics in fraud detection.
- Strengthen internal controls and fraud prevention strategies.
- Analyse suspicious transactions and claims payment patterns.
- Improve claims settlement accuracy and financial accountability.
- Apply regulatory compliance and anti-fraud frameworks.
- Utilize data analytics for insurance claims monitoring.
- Develop effective fraud investigation and reporting procedures.
- Enhance insurance profitability through claims cost optimization.

Organizational Benefits

- Reduced financial losses arising from fraudulent insurance claims.
- Improved claims assessment and settlement accuracy.
- Stronger internal controls and financial accountability.
- Enhanced fraud risk identification and mitigation.
- Improved regulatory compliance and corporate governance.
- Increased operational efficiency in claims processing.
- Better insurance portfolio profitability and sustainability.
- Improved customer confidence and policyholder protection.
- Stronger financial reporting and audit readiness.
- Enhanced data-driven insurance management decisions.

Target Audiences

- Insurance claims managers and claims officers.
- Insurance financial analysts and accountants.
- Fraud investigators and forensic auditors.
- Risk management and compliance professionals.

- Actuaries and insurance underwriters.
- Internal and external insurance auditors.
- Insurance company executives and finance managers.
- Reinsurance professionals and loss adjusters.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Insurance Claims Financial Analysis

- Principles of insurance claims financial management.
- Insurance claims lifecycle and financial implications.
- Types of insurance claims and associated financial risks.
- Claims cost estimation and financial performance indicators.
- Financial analysis frameworks and reporting standards.
- Case study: United States property insurance claims financial assessment.

Module 2: Insurance Claims Valuation and Reserving Techniques

- Claims valuation methodologies and loss estimation.
- Outstanding claims reserves and incurred but not reported (IBNR) claims.
- Loss ratios, expense ratios, and combined ratio analysis.
- Actuarial assumptions and claims liability forecasting.
- Financial provisions and reserve adequacy assessments.
- Case study: United Kingdom insurance reserving practices and Solvency II requirements.

Module 3: Insurance Fraud Identification and Risk Assessment

- Types and characteristics of insurance fraud.
- Common fraudulent motor, health, property, and life insurance claims.
- Fraud indicators and suspicious claims identification.
- Claims anomaly detection and risk scoring techniques.
- Fraud exposure assessment and prevention frameworks.
- Case study: United States National Insurance Crime Bureau motor insurance fraud investigations.

Module 4: Forensic Accounting and Insurance Claims Investigation

- Principles of forensic accounting in insurance investigations.
- Financial documentation verification and evidence collection.
- Transaction tracing and suspicious payment analysis.
- Detecting falsified invoices and inflated claims.
- Investigation documentation and evidence preservation.
- Case study: European insurance fraud investigations involving staged accidents and falsified financial records.

Module 5: Data Analytics and Artificial Intelligence in Fraud Detection

- Insurance claims data analytics and visualization.
- Predictive modelling and machine learning applications.
- Artificial intelligence for suspicious claims identification.
- Pattern recognition and automated fraud detection.
- Big data analytics and real-time claims monitoring.
- Case study: Japan's application of artificial intelligence in motor insurance claims assessment.

Module 6: Claims Financial Controls and Regulatory Compliance

- Internal financial controls in insurance claims management.
- Anti-money laundering and fraud prevention measures.
- Insurance regulatory frameworks and compliance requirements.
- Claims authorization and payment verification procedures.
- Audit trails, financial transparency, and accountability.

- Case study: European Union insurance governance and fraud prevention under Solvency II.

Module 7: Fraud Investigation, Reporting and Recovery Strategies

- Developing structured insurance fraud investigation procedures.
- Interviewing techniques and investigative documentation.
- Quantifying fraudulent claims and financial losses.
- Claims recovery, subrogation, and litigation support.
- Fraud reporting and collaboration with law enforcement.
- Case study: Australia's Insurance Fraud Bureau investigations and industry collaboration.

Module 8: Claims Performance Optimization and Strategic Financial Management

- Claims performance measurement and key performance indicators.
- Claims cost management and operational efficiency.
- Financial forecasting and insurance portfolio profitability.
- Fraud prevention strategies and continuous improvement.
- Developing integrated insurance claims risk management frameworks.
- Case study: Singapore's digital insurance claims management and fraud prevention initiatives.

Training Methodology

- Interactive presentations and expert-led discussions.
- Practical insurance claims financial analysis exercises.
- Real-world international insurance fraud case studies.
- Group assignments and fraud investigation simulations.
- Demonstrations of financial analysis and fraud detection software.
- Individual assessments, knowledge checks, and practical evaluations.

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/insurance-claims-financial-analysis-and-fraud-detection-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.