



RISK, COMPLIANCE AND AML TRAINING

Data Analytics for Compliance and Internal Audit

3 day course

Classroom, online or in-house

Course overview

Sampling twenty five transactions made sense when testing meant reading paper, and it makes very little sense when the whole population sits in a database. This course covers testing everything. Delegates work through obtaining a complete and reliable data extract, which is where most analytics work fails, and validating it before drawing any conclusion. Test design follows: duplicate payments, split transactions below approval thresholds, dormant account activity, weekend and after hours entries, and segregation of duties conflicts. Interpreting exceptions is treated carefully, since most are explainable and credibility depends on saying so. Continuous monitoring is covered. The course closes on documenting analytics work to a standard that supports a finding.

What you will learn

- Obtain a complete data extract and prove its reliability
- Validate data before drawing any conclusion from it
- Design tests for duplicates, splitting and threshold avoidance
- Test dormant accounts, timing anomalies and duty conflicts
- Interpret exceptions and distinguish explainable from significant
- Move from periodic testing to continuous monitoring
- Document analytics work to a standard that supports a finding

Who should attend

- Internal auditors and audit analytics staff
- Compliance monitoring and testing personnel
- Fraud examiners and investigators
- Finance staff running control checks
- External auditors and consultants

Course outline

- 01 Twenty five transactions against the whole population
- 02 Obtaining a complete extract
- 03 Data validation and reliability
- 04 Duplicate and split transaction tests
- 05 Threshold avoidance and approval testing
- 06 Dormant accounts and timing anomalies
- 07 Segregation of duties conflicts
- 08 Exception interpretation, continuous monitoring and documentation

Upcoming dates

Dates	Venue	Format	Fee per delegate
5 to 7 October 2026	Pretoria, South Africa	Classroom	R14,950
2 to 4 November 2026	Online	Online	R6,500
16 to 18 December 2026	Johannesburg, South Africa	Classroom	R14,950
28 to 30 December 2026	Harare, Zimbabwe	Classroom	USD 995



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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