



AI AND DIGITAL TRANSFORMATION TRAINING

Business Intelligence and Predictive Analytics

5 day course

Classroom, online or in-house

Course overview

Reporting describes what happened; prediction estimates what will. This course covers moving an organisation from the first to the second responsibly. Delegates work through the analytical progression from descriptive through diagnostic to predictive, the data preparation that consumes most of the effort in any real project, and the main forecasting and classification approaches with the assumptions each carries. Validation is treated seriously, including holdout testing and why a model that fits history perfectly should worry you. The course closes on operationalising a prediction, monitoring for drift, and the governance of a forecast that people begin to treat as fact.

What you will learn

- Move deliberately from descriptive through diagnostic to predictive analysis
- Prepare data, which is where most project effort actually goes
- Apply the main forecasting and classification approaches
- State the assumptions a chosen method carries
- Validate with holdout testing and recognise overfitting
- Operationalise a prediction and monitor it for drift
- Govern a forecast that people start treating as fact

Who should attend

- Analysts and business intelligence developers
- Data and reporting managers
- Finance and operations professionals doing forecasting
- Planning and demand management staff
- Technology staff supporting analytics

Course outline

- 01 From describing the past to estimating the future
- 02 Data preparation and where the effort goes
- 03 Forecasting approaches and their assumptions
- 04 Classification approaches
- 05 Validation and holdout testing
- 06 Overfitting and why a perfect fit is a warning
- 07 Operationalising and monitoring for drift
- 08 Governing a forecast treated as fact

Upcoming dates

Dates	Venue	Format	Fee per delegate
12 to 16 October 2026	Windhoek, Namibia	Classroom	R19,950
23 to 27 November 2026	Dar es Salaam, Tanzania	Classroom	USD 1,325
7 to 11 December 2026	Maputo, Mozambique	Classroom	USD 1,325
28 December 2026 to 1 January 2027	Gaborone, Botswana	Classroom	R19,950



Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** 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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