



SAP SYSTEMS TRAINING

SAP Business Warehouse and Data Modelling

5 day course

Classroom, online or in-house

Course overview

A warehouse model built to answer today's report becomes the constraint on every question asked afterwards, and remodelling later costs far more than modelling carefully now. This course concentrates on the modelling decisions. Delegates work through the layered architecture and what each layer is for, resisting the shortcut of reporting straight off staged data. Extraction from source systems is covered, including standard extractors, delta handling and what happens when a delta breaks. InfoObjects, master data and the difference between an attribute and a characteristic follow. Data store objects and composite providers are addressed, along with the modelling choice between them. Transformations, routines and the logic best kept out of them are covered. Query design follows, including variables, restricted and calculated key figures and the design decisions that make a query slow. Authorisation on reporting data is addressed. The course closes on load monitoring, reprocessing and warehouse housekeeping.

What you will learn

- Apply a layered architecture rather than reporting off staged data
- Extract from source systems and handle delta failures
- Model InfoObjects, master data, attributes and characteristics
- Choose between data store objects and composite providers
- Build transformations without hiding business logic in routines
- Design queries with variables and key figures that perform
- Apply reporting authorisation and run load monitoring and housekeeping

Who should attend

- Business intelligence developers and analysts
- SAP data warehouse consultants
- Reporting specialists supporting finance and supply chain
- Data engineers integrating SAP sources
- Technical staff maintaining an existing warehouse

Course outline

- 01 Modelled for today's report
- 02 Layered architecture and its purpose
- 03 Extraction, deltas and failures
- 04 InfoObjects, master data and characteristics
- 05 Data store objects and composite providers
- 06 Transformations and where logic belongs
- 07 Query design and performance
- 08 Reporting authorisation, monitoring and housekeeping

Upcoming dates



Dates	Venue	Format	Fee per delegate
28 September to 2 October 2026	Dar es Salaam, Tanzania	Classroom	USD 1,325
12 to 16 October 2026	Lagos, Nigeria	Classroom	USD 1,325
30 November to 4 December 2026	Cape Town, South Africa	Classroom	R19,950
21 to 25 December 2026	Lusaka, Zambia	Classroom	USD 1,325

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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