



AI AND DIGITAL TRANSFORMATION TRAINING

Power BI Report Design and Data Modelling

5 day course

Classroom, online or in-house

Course overview

Reporting tools make it easy to produce a dashboard and difficult to produce a correct one, because the visuals are quick and the data model underneath them is where the answers are actually decided. This course spends its time on the model. Delegates work through connecting and shaping data, including the transformations that belong in the query rather than in the report, and building a star schema with proper relationships instead of one wide table. Measures and calculation logic are covered in depth, including the filter context that makes a total disagree with the sum of its rows. Report and visual design follow. Row level security, refresh, sharing and workspace management are addressed. The course closes on performance and on maintaining a report somebody else built.

What you will learn

- Connect and shape data, placing transformations in the right layer
- Build a star schema with correct relationships
- Write measures and understand filter context
- Diagnose a total that disagrees with the sum of its rows
- Design reports and visuals that answer a question
- Apply row level security and manage refresh and sharing
- Tune performance and maintain a report built by somebody else

Who should attend

- Analysts and report developers
- Finance, operations and human resources reporting staff
- Business intelligence and data teams
- Managers building their own dashboards
- IT staff administering the reporting platform

Course outline

- 01 Quick visuals over an unexamined model
- 02 Connecting and shaping data
- 03 Where transformations belong
- 04 Star schema and relationships
- 05 Measures and calculation logic
- 06 Filter context and unexpected totals
- 07 Report and visual design
- 08 Security, refresh, sharing and performance

Upcoming dates

Dates	Venue	Format	Fee per delegate
21 to 25 September 2026	Pretoria, South Africa	Classroom	R19,950
16 to 20 November 2026	Online	Online	R8,500
23 to 27 November 2026	Johannesburg, South Africa	Classroom	R19,950
21 to 25 December 2026	Kigali, Rwanda	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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