



AI AND DIGITAL TRANSFORMATION TRAINING

Responsible AI: Bias, Fairness and Assurance

3 day course

Classroom, online or in-house

Course overview

A model that performs well on average can still be systematically wrong about a particular group of people, and the organisation deploying it carries the consequence whether or not it understood the risk. This course covers finding and managing that. Delegates work through where bias enters, from the problem definition through the training data to the deployment context, and the fairness measures available with the trade offs between them. Testing a model for disparate outcomes is practised. Explainability is covered honestly, including the limits of current techniques. Human oversight and the conditions under which it is meaningful rather than nominal are addressed. The course closes on documentation, assurance and the emerging regulatory expectations.

What you will learn

- Identify where bias enters, from problem definition to deployment
- Apply fairness measures and understand the trade offs between them
- Test a model for disparate outcomes across groups
- Use explainability techniques and state their limits
- Design human oversight that is meaningful rather than nominal
- Document a model so it can be assured by someone else
- Anticipate the emerging regulatory expectations

Who should attend

- Data scientists and machine learning practitioners
- Risk, compliance and audit staff assessing models
- Product owners deploying automated decisions
- Legal and policy staff
- Executives accountable for automated decisions

Course outline

- 01 Right on average, wrong about a group
- 02 Where bias enters
- 03 Training data and historical outcomes
- 04 Fairness measures and their trade offs
- 05 Testing for disparate outcomes
- 06 Explainability and its limits
- 07 Meaningful human oversight
- 08 Documentation, assurance and regulation

Upcoming dates

Dates	Venue	Format	Fee per delegate
21 to 23 October 2026	Online	Online	R6,500
14 to 16 December 2026	Dar es Salaam, Tanzania	Classroom	USD 995
22 to 24 March 2027	Cape Town, South Africa	Classroom	R14,950

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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