



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Certified Data Management Professional (CDMP)

Custom Courses / Information Technology (IT) and Digital Skills

Unit Standard AATICD-0372 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This comprehensive course equips participants with the essential skills and knowledge to manage data as a strategic asset, ensuring its accuracy, accessibility, and security. It covers the full data lifecycle, from capture and storage to analysis and disposal, aligning with industry best practices and regulatory requirements. By the end of the course, participants will be able to implement robust data management frameworks that drive informed decision-making and operational efficiency.

Category	Custom Courses
Subfield	Information Technology (IT) and Digital Skills
Unit Standard	AATICD-0372
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply data governance principles to establish policies, standards, and procedures that ensure data quality and compliance.
- Analyze data lifecycle stages to design strategies for data capture, storage, retrieval, and archival.
- Evaluate data quality dimensions and implement metrics and improvement processes to maintain high data integrity.
- Design and implement data security and privacy measures to protect sensitive information and meet regulatory requirements.
- Demonstrate proficiency in using data management tools and technologies to support data integration, warehousing, and analytics.
- Implement master data management and metadata management practices to ensure consistent and reliable data across the organization.

WHO SHOULD ATTEND

- This course is designed for data professionals, database administrators, IT managers, and business analysts who are responsible for managing, governing, or utilizing data within their organizations.
- It is also suitable for individuals seeking to formalize their expertise and advance their careers in data management.

COURSE OUTLINE

Day 1: Foundations of Data Management

- Introduction to data management: definitions, scope, and benefits.
- Data management frameworks (DAMA-DMBOK, etc.).
- Data governance: principles, policies, and accountability.
- Data architecture and lifecycle.
- Data quality dimensions and management.
- Data stewardship and ownership.
- Regulatory and compliance considerations (POPIA, etc.).
- Overview of data management tools and technologies.

Day 2: Data Governance and Quality

- Data governance operating models and maturity.
- Data policies, standards, and procedures.
- Data quality dimensions: accuracy, completeness, consistency, timeliness.
- Data profiling and assessment.
- Data quality improvement methodologies.
- Root cause analysis for data issues.
- Data quality tools and automation.
- Case studies: data governance in practice.

Day 3: Data Architecture and Modeling

- Data architecture principles and components.
- Enterprise data models.
- Conceptual, logical, and physical data modeling.
- Normalization and denormalization.
- Dimensional modeling for data warehousing.
- Data integration and ETL/ELT processes.
- Database design and management.
- Big data architectures (Hadoop, cloud, etc.).

Day 4: Data Security, Privacy, and Compliance

- Data security fundamentals: confidentiality, integrity, availability.
- Access control models (RBAC, ABAC).
- Encryption and anonymization techniques.
- Data privacy regulations (POPIA, GDPR).
- Data classification and handling.
- Privacy impact assessments.
- Incident response and data breaches.
- Auditing and monitoring for compliance.

Day 5: Data Integration, Metadata, and Strategy

- Data integration patterns (batch, real-time, streaming).
- Data warehousing and data lakes.
- Master data management (MDM).
- Metadata management: types, standards, and tools.
- Data lineage and impact analysis.

- Data management strategy and maturity models.
- Change management and adoption.
- Capstone project: develop a data management plan.

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,700.00	R 17,700.00
1	In-House	R 23,100.00	R 23,100.00
1	On-Campus (Pretoria)	R 26,700.00	R 26,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
31 Aug 2026	04 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	04 Sep 2026	On-Campus	London, UK
07 Sep 2026	11 Sep 2026	On-Campus	Mauritius
07 Sep 2026	11 Sep 2026	On-Campus	Pretoria, South Africa
07 Sep 2026	11 Sep 2026	On-Campus	Abu Dhabi, UAE
07 Sep 2026	11 Sep 2026	On-Campus	Harare, Zimbabwe

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0372) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call +27 12 004 8389 or WhatsApp +27 65 077 6310 and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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