



CATALYST.AI



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Accredited Skills Programme:

DATA ESSENTIALS NQF Level 5

**TOTAL
CREDITS:** 15

DURATION
3 Months

A: 54 Wierda Road, St Andrews, Ground Floor, Wierda Valley, Sandton
Campus A: Block M, Central Park, 400 16th Rd, Randjespark, Midrand, 1685

PROGRAMME OVERVIEW

Data has become a cornerstone of modern decision-making, transforming industries by offering unprecedented insight and foresight. The Data Essentials skills programme will explore how data drives decision-making and the profound impact of effective data management and analytics across various sectors.

This skills programme is underpinned by:

SAQA ID	Title	Credits
258836	Analyse and apply different Information and Communication (ICT) Systems Development Lifecycle (SDLC) models for a given scenario	8
115385	Apply information gathering techniques for computer system development	7

ENTRY REQUIREMENTS

To enrol in the Data Essentials skills programme, participants must meet the following entry requirements:

- Communication at NQF Level 4.
- Computer Literacy at NQF Level 4.

LEARNING OUTCOMES

By the end of this programme, participants will:

1. Equip participants with essential data handling and analytical skills.
2. Provide practical knowledge of data management concepts and tools.
3. Foster the ability to derive meaningful insights from data.

PROGRAMME STRUCTURE

Module 1 - Introduction to Data Management

- Understanding Data
- Data lifecycle
- SDLC Models

Module 2 - Data Gathering Techniques

- Interviews for Information Gathering
- Questionnaire Design and Analysis
- Document-based Data Gathering

Module 3 - Practical Application: Project

- Practical Application Project: Comprehensive Data Management and Analysis.

ASSESSMENT

- Formative and Summative Assessment: Continuous evaluation through theoretical and practical assessments.