

Certification: Information Technology Data Science

Embark on a transformative journey with our Data Science Certification Program, where you'll master data-driven insights through hands-on experience. Dive into the full data science lifecycle, from data preprocessing, EDA, using Learning Algorithms to machine learning, and emerge ready to tackle real-world challenges.

Minimum Entry Requirements: None
Language Policy: English
NQF Level: 5, **Credits:** 120

Delivery Mode: Contact and Distance Learning
Duration: 12 months
SAQA ID: #48872 (Learning Programme)

Course Curriculum

The certification comprises of a wide range of Data Science concepts covered across two semesters

Semester One	Semester Two
• Introduction to Data Science • Mathematics and Statistics fundamentals • ML Programming and Tools (Python) • Data Acquisition and Preprocessing • Exploratory Data Analysis (EDA)	• Machine Learning Fundamentals • Supervised Learning Algorithms • Unsupervised Learning Algorithms • Bias in Data Collection and Models • Capstone Project

