

SCHOOL OF IT INTERNATIONAL

Data Science & Analytics Courses Brochure

Live, 1-on-1 online training in Microsoft Azure and AWS data platforms — from data fundamentals through Data Engineer, Data Scientist and Data Analyst Associate level, plus EC-Council Blockchain certifications.

Azure Data Fundamentals

Data Engineer Associate

Data Scientist Associate

Data Analyst Associate

AWS Data Analytics

Blockchain (EC-Council)

School of IT International (Pty) Ltd

Somerset West, Cape Town, South Africa · schoolofit.co.za

Azure Data Fundamentals

Foundational data concepts on Azure — relational and non-relational data, and analytics workloads. The entry point into every Azure data career path. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 10 hours (5 days).

- 1 Describe core data concepts
- 2 Identify considerations for relational data on Azure
- 3 Describe considerations for working with non-relational data on Azure
- 4 Describe an analytics workload on Azure

💰 Pricing

COURSE PRICE

R10,900

Full payment before commencement (no payment plan)

📚 Course Duration & Format



Duration

10 hours (5 days) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

💼 Career Prospects

- ◆ Junior Data Analyst
- ◆ BI Support Technician
- ◆ Database Support Assistant
- ◆ Reporting Analyst (entry)
- ◆ Cloud Support Technician

Typical Azure Data Fundamentals salary (South Africa)

R180k – R380k / yr

International exam (optional, ~1): Microsoft Certified: Azure Data Fundamentals. Contact us to confirm current fee.



Get job-ready skills — start your Azure Data Fundamentals course today.

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Somerset West, Cape Town, South Africa

Data Engineer Associate

Learn Azure for the Data Engineer — storing, securing and processing data at scale, working with relational and NoSQL data, and large-scale data processing with Data Lake Storage. 1-on-1 online training with a real lecturer.

• Flexible hours

• Commence anytime

• 1-on-1 online with a real lecturer

Prerequisite: Azure Data Fundamentals course.

Learning Objectives

Covered over 40 hours (~2 months).

- 1 Understand the evolving world of data and the Azure Data platform
- 2 Store data in Azure — Blob storage, securing your storage account
- 3 Work with relational data — Azure SQL Database, migration, elastic pools, PostgreSQL
- 4 Work with NoSQL data in Azure Cosmos DB — APIs, partitioning, indexing, global distribution
- 5 Large-scale data processing with Azure Data Lake Storage Gen2

Pricing

COURSE PRICE

R28,800

Payment plan: 2 payments of R14,400 per 20 hours

Course Duration & Format



Duration

40 hours (~2 months) — maximum completion time



Payment

Payment plan available: R14,400 × 2 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ Data Engineer

◆ Azure Data Engineer

◆ Database Developer

◆ Cloud Data Architect

◆ ETL Developer

Typical Data Engineer Associate salary (South Africa)

R400k – R780k / yr



International exams (optional, ~2): Implementing an Azure Data Solution & Designing an Azure Data Solution. Contact us to confirm current fee.

 Get job-ready skills — start your Data Engineer Associate course today.

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Data Scientist Associate

Design and implement a data science solution on Azure — build, train, deploy and automate machine learning models with Azure Machine Learning. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: Azure Data Fundamentals course.

Learning Objectives

Covered over 80 hours (~4 months).

- 1 Implement a machine learning solution for a given data problem
- 2 Advanced Python or R for data analysis and computer science algorithms
- 3 Azure Machine Learning tools, interfaces, and estimators
- 4 Train, deploy and consume machine learning models (real-time inferencing)
- 5 Automate machine learning model selection and experiments

Pricing

COURSE PRICE

R43,600

Payment plan: 4 payments of R10,900 per 20 hours

Course Duration & Format



Duration

80 hours (~4 months) — maximum completion time



Payment

Payment plan available: R10,900 × 4 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ Data Scientist

◆ Machine Learning Engineer

◆ AI Solutions Developer

◆ Applied Scientist

◆ Research Data Scientist

Typical Data Scientist Associate salary (South Africa)

R500k – R1.1M / yr



Note: There is currently no direct-equivalent Microsoft international certification for this course — Azure Data Scientist Associate's closest predecessor (DP-100) was retired without a direct replacement. This course concludes with a School of IT Certificate of Completion.

 Get job-ready skills — start your Data Scientist Associate course today.

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Somerset West, Cape Town, South Africa

Data Analyst Associate

Get started with Microsoft data analytics — prepare, model and visualize data with Power BI, building dashboards, reports and data-driven stories. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: Azure Data Fundamentals course.

Learning Objectives

Covered over 40 hours (~2 months).

1 Prepare and model data in Power BI — data model design, DAX measures, performance optimisation

2 Visualize data — Python/R visuals, Power BI visuals, data-driven stories

3 Create dashboards, paginated reports, and perform analytics in Power BI

4 Work with AI visuals in Power BI

Pricing

COURSE PRICE

R28,800

Payment plan: 2 payments of R14,400 per 20 hours

Course Duration & Format



Duration

40 hours (~2 months) — maximum completion time



Payment

Payment plan available: R14,400 × 2 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ Data Analyst

◆ Power BI Developer

◆ BI Analyst

◆ Business Analyst

◆ Reporting Analyst

Typical Data Analyst Associate salary (South Africa)

R350k – R700k / yr



International exams (optional, ~2): Analyzing Data with Microsoft Power BI. Contact us to confirm current fee.



Get job-ready skills — start your Data Analyst Associate course today.

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Somerset West, Cape Town, South Africa

AWS Data Analytics

Understand AWS data analytics services and how they integrate across the data lifecycle — collection, storage, processing, and visualization. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: AWS Solutions Architect Associate course.

🎓 Learning Objectives

Covered over 40 hours (~2 months).

1 Define AWS data analytics services and how they integrate with each other

2 Explain AWS data analytics services across the data life cycle

3 Collection, storage, processing, and visualization of data on AWS

💰 Pricing

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R28,800

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📖 Course Duration & Format



Duration

40 hours (~2 months) — maximum completion time



Payment

Payment plan available: R14,400 × 2 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

💼 Career Prospects

◆ AWS Data Analyst

◆ Cloud Data Engineer

◆ BI Developer (AWS)

◆ Data Pipeline Engineer

◆ Analytics Consultant

Typical AWS Data Analytics salary (South Africa)

R400k – R780k / yr

International exam (optional, ~1): AWS Certified Data Analytics – Specialty. Contact us to confirm current fee.



Get job-ready skills — start your AWS Data Analytics course today.

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Somerset West, Cape Town, South Africa

Blockchain Business Leader Certification (BBLC)

EC-Council's blockchain programme for business leaders — use blockchain technology to improve business operations, with technical knowledge and hands-on experience. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Learning Objectives

Covered over 20 hours (~1 month).

1 Blockchain fundamentals — distributed and decentralized systems, cryptography, mining

2 Ethereum and Bitcoin in detail

3 Blockchain security and Blockchain as a Service (BaaS)

4 Applying blockchain across industries — healthcare, food supply chain, shipping and more

5 Building a blockchain adoption strategy for your organisation

Pricing

COURSE PRICE

R18,900

Full payment before commencement (no payment plan)

Course Duration & Format



Duration

20 hours (~1 month) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ Blockchain Business Consultant

◆ Digital Transformation Lead

◆ Innovation Manager

◆ Business Strategy Consultant

◆ Fintech Product Manager

Typical Blockchain Business Leader salary (South Africa)

R400k – R780k / yr



International exam (optional): EC-Council Certified Blockchain Professional (CBP) – Business Leader track. Contact us to confirm current fee.

 Get job-ready skills — start your Blockchain Business Leader Certification course today.

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Somerset West, Cape Town, South Africa

Blockchain Fintech Certification (BFC)

EC-Council's blockchain programme for finance professionals — a comprehensive look into how blockchain technology applies specifically to the FinTech industry. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Learning Objectives

Covered over 20 hours (~1 month).

1 Blockchain fundamentals for FinTech — distributed ledgers, cryptography and mining**2 Ethereum applications and Hyperledger enterprise blockchain****3 Practical advice on when and how to use blockchain in financial applications****4 Regulatory and compliance considerations for blockchain in finance****5 Real-world FinTech blockchain case studies**

Pricing

COURSE PRICE

R18,900

Full payment before commencement (no payment plan)

Course Duration & Format



Duration

20 hours (~1 month) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ Fintech Blockchain Analyst

◆ Blockchain Consultant (Finance)

◆ Digital Banking Specialist

◆ Payments Innovation Manager

◆ Compliance Analyst (Blockchain)

Typical Blockchain Fintech salary (South Africa)

R420k – R800k / yr



International exam (optional): EC-Council Certified Blockchain Professional (CBP) – FinTech track. Contact us to confirm current fee.



Get job-ready skills — start your Blockchain Fintech Certification course today.

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Somerset West, Cape Town, South Africa

Blockchain Developer Certification (BDC)

EC-Council's hands-on blockchain programme for full-stack developers — covering multiple blockchain frameworks beyond Ethereum, with 13+ practical projects. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Recommended: Fluency in at least one programming language (Python, JavaScript, C++, or similar), and basic exposure to Bitcoin/Ether transactions.

🎓 Learning Objectives

Covered over 20 hours (~1 month).

- 1 **Technical foundations of blockchain — distributed systems, cryptography, mining**
- 2 **Developing applications using Ethereum, a decentralized virtual machine**
- 3 **Exploring enterprise blockchain applications — Hyperledger and IBM implementations**
- 4 **Crypto-mining processes and tools, including algorithms like Equihash and CryptoNight**
- 5 **Multiple blockchain frameworks and their intersection with AI, ML and IoT**

💰 Pricing

COURSE PRICE

R22,800

Full payment before commencement (no payment plan)

📖 Course Duration & Format



Duration

20 hours (~1 month) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Blockchain Developer

◆ Smart Contract Developer

◆ Web3 Developer

◆ Decentralised Applications (dApps) Engineer

◆ Full Stack Blockchain Engineer

Typical Blockchain Developer salary (South Africa)

R450k – R850k / yr



International exam (optional): EC-Council Certified Blockchain Professional (CBP) — Developer track. Contact us to confirm current fee.

 Get job-ready skills — start your Blockchain Developer Certification course today.

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CompTIA DataAI

CompTIA's new advanced-level, Xpert-tier data science credential — for experienced analytics professionals who design, build and evaluate statistical and machine learning models at an expert level. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: CompTIA Data+ course (or equivalent data analytics experience).

🎓 Learning Objectives

Covered over 40 hours (~2 months).

- 1 Advanced statistical methods and experimental design
- 2 Machine learning model development, tuning and evaluation
- 3 Feature engineering and data preparation at scale
- 4 Model deployment, monitoring and lifecycle management
- 5 Communicating complex data science findings to business stakeholders

💰 Pricing

COURSE PRICE

R28,800

Payment plan: 2 payments of R14,400 per 20 hours

📚 Course Duration & Format



Duration

40 hours (~2 months) — maximum completion time



Payment

Payment plan available: R14,400 × 2 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

💼 Career Prospects

◆ Senior Data Scientist

◆ Machine Learning Engineer

◆ Applied Scientist

◆ Analytics Lead

◆ Data Science Consultant

Typical DataAI salary (South Africa)

R550k – R1M / yr



International exam: CompTIA DataAI (DY0-001). Contact us to confirm current fee.

Note: CompTIA rebranded this certification from DataX to DataAI on 21 January 2026 — same exam code (DY0-001) and content, part of the same advanced Xpert-series tier as SecurityX and CloudNetX.

 Get job-ready skills — start your CompTIA DataAI course today.

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