

SCHOOL OF IT INTERNATIONAL

Microsoft Fabric Courses Brochure

Live, 1-on-1 online training in Microsoft Fabric — the unified analytics platform bringing together data engineering, data integration, and business intelligence in one place.

Fabric Data Engineer

Fabric Analytics Engineer

School of IT International (Pty) Ltd

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

Microsoft Fabric Data Engineer

Design and build data engineering solutions on Microsoft Fabric — from Lakehouse architecture and PySpark transformations through real-time analytics and enterprise governance, finishing with a full end-to-end project.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🔥 This course is part of the **Fabric Data Engineer** Career Path — a structured, bundled route to job-ready.

[View Career Path →](#)

Course Modules

Covered over 20 hours.

1 Introduction to Microsoft Fabric

Overview of the Fabric ecosystem · OneLake architecture · Core components (Data Engineering, Data Factory, Real-Time Analytics, Data Science, Power BI) · Lakehouse vs Warehouse · Fabric capacities & licensing

2 Lakehouse Architecture

Setting up a Lakehouse · Managed vs unmanaged data · Delta tables & Parquet formats · Lakehouse explorer · Medallion architecture (Bronze, Silver, Gold)

3 Data Engineering with Fabric Notebooks

Python, SQL & Spark basics · Transformations with PySpark · Loading data into the Lakehouse · Partitioning & optimization

4 Pipelines & Data Factory

Fabric Data Pipelines · Copy activity & data flows · Connectors · Scheduling & monitoring

5 Dataflows Gen2

Power Query transformations · Incremental refresh · Connecting Dataflows to the Lakehouse

6 Real-Time Analytics

KQL databases · Event streaming · Real-time dashboards

7 Warehousing in Fabric

Fabric Warehouse · SQL endpoint · Modeling & optimization

8 Governance & Security

Admin portal · Data lineage · RBAC · Sensitivity labels

9 End-to-End Project

Ingest raw data · Transform using Spark · Create Silver/Gold layers · Load into Warehouse · Build a dashboard · Apply governance

Pricing

COURSE PRICE

R18,900

Full payment before commencement (no payment plan)



Duration

20 hours — maximum completion time



Payment

Full payment before commencement (no payment plan)



Mode

1-on-1 online, real lecturer, choose your own dates & times



Certificate

Certificate of Completion included



Career Prospects

◆ Fabric Data Engineer

◆ Azure Data Engineer

◆ Data Platform Engineer

◆ BI Developer

◆ Analytics Engineer

Typical Fabric Data Engineer salary (South Africa)

R400k – R800k / yr



International exam (optional, not included): Microsoft exam (DP-700). Contact us to confirm current fee — School of IT can handle booking and admin if you choose to sit it.



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

[Enrol Now →](#)

☎ +27 82 696 7749 ✉ info@schoolofit.co.za

Somerset West, Cape Town, South Africa

Microsoft Fabric Analytics Engineer

Design, build, and manage analytics solutions using Microsoft Fabric — data modeling, integration, transformation, and visualization for enterprise environments, finishing with a capstone project.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🚀 This course is part of the **Fabric Data Analytics** Career Path — a structured, bundled route to job-ready.

[View Career Path →](#)

Prerequisite: Microsoft Certified: Data Analyst Associate (PL-300). This is a genuine prerequisite, not just a recommendation — if you haven't completed PL-300, add it first. **PL-300 course price: R28,800 (40 hours)**. Combined total for both courses if starting from scratch: **R47,700**.

Course Modules

Covered over 20 hours.

1 Introduction to Microsoft Fabric

Overview of Microsoft Fabric · Architecture and key components · Role of the Fabric Analytics Engineer

2 Data Lake & OneLake Integration

Managing and accessing OneLake · Integrating with various data sources · Security and governance

3 Data Engineering in Fabric

Notebooks, pipelines, and dataflows · Lakehouse concepts · ETL/ELT transformations

4 Semantic Models

Creating and optimizing datasets · Star schema modeling · DAX fundamentals

5 Real-Time Analytics

Real-time ingestion and monitoring · KQL (Kusto Query Language) · Event stream processing

6 Data Visualization

Building dashboards with Power BI · Best practices for report design · Publishing and sharing insights

7 Automation and Monitoring

Automated pipeline deployment · Performance tuning · Cost monitoring and workspace management

8 Capstone Project

End-to-end implementation of an analytics solution using Microsoft Fabric

Pricing

COURSE PRICE

R18,900

Full payment before commencement (no payment plan) — excludes PL-300 prerequisite if required



Duration

20 hours — maximum completion time



Payment

Full payment before commencement (no payment plan)



Mode

1-on-1 online, real lecturer, choose your own dates & times



Certificate

Certificate of Completion included



Career Prospects

◆ Fabric Analytics Engineer

◆ BI Analyst

◆ Power BI Developer

◆ Data Analyst

◆ Analytics Engineer

Typical Fabric Analytics Engineer salary (South Africa)

R380k – R750k / yr



International exam (optional, not included): Microsoft exam (DP-600). Contact us to confirm current fee — School of IT can handle booking and admin if you choose to sit it.



Get job-ready skills — start your Microsoft Fabric Analytics Engineer course today.

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