

FABRIC FULL STACK – 100% Hands-On Training

A Job Ready Program



The banner features the Microsoft Fabric logo at the top left with the tagline "One platform. Endless possibilities." On the top right, it says "LEARN BUILD PRACTICE GET CERTIFIED". The main title is "FABRIC DATA ENGINEERING + FABRIC DATA ANALYTICS" in large, bold letters. Below this, it states "Helps you to get ready for DP-700, DP-600 Exams" and "SKILLS TODAY. CERTIFICATIONS TOMORROW." The banner is divided into two main sections: "DATA ENGINEERING" on the left and "DATA ANALYTICS" on the right. The "DATA ENGINEERING" section lists skills: Ingest, Transform, Orchestrate, Build Data Pipelines, and Work with Lakehouse. The "DATA ANALYTICS" section lists skills: Model, Analyze, Visualize, Build Semantic Models, and Create Insightful Reports. In the center, there's a row of icons for Data Factory, Synapse Data Engineering, Synapse Data Science, Synapse Data Warehouse, Power BI, Real-Time Intelligence, and Data Activator. Below this row, it says "UNIFIED DATA. GREATER INSIGHTS." and shows two certification paths: "DP-700 Microsoft Fabric Data Engineering" and "DP-600 Microsoft Fabric Data Analytics". The bottom of the banner features a navigation bar with icons and text for "HANDS-ON LEARNING", "REAL-WORLD SCENARIOS", "EXAM-FOCUSED CONTENT", "PRACTICAL PROJECTS", and "CAREER GROWTH". There are also motivational phrases like "Learn Today Lead Tomorrow" and "GET CERTIFIED. ADVANCE FASTER."

Microsoft Fabric
One platform. Endless possibilities.

FABRIC DATA ENGINEERING + FABRIC DATA ANALYTICS
Helps you to get ready for **DP-700, DP-600 Exams**
SKILLS TODAY. CERTIFICATIONS TOMORROW.

DATA ENGINEERING

- ✓ Ingest
- ✓ Transform
- ✓ Orchestrate
- ✓ Build Data Pipelines
- ✓ Work with Lakehouse

DATA ANALYTICS

- ✓ Model
- ✓ Analyze
- ✓ Visualize
- ✓ Build Semantic Models
- ✓ Create Insightful Reports

Data Factory | Synapse Data Engineering | Synapse Data Science | Synapse Data Warehouse | Power BI | Real-Time Intelligence | Data Activator

UNIFIED DATA. GREATER INSIGHTS.

DP-700
Microsoft Fabric Data Engineering

DP-600
Microsoft Fabric Data Analytics

Learn Today Lead Tomorrow

GET CERTIFIED. ADVANCE FASTER.

HANDS-ON LEARNING | REAL-WORLD SCENARIOS | EXAM-FOCUSED CONTENT | PRACTICAL PROJECTS | CAREER GROWTH

Fabric Data Engineering + Fabric Data Analytics

Build Data. Transform Data. Analyze Data. Create Insights.

Master the complete Microsoft Fabric data ecosystem with our **Fabric Data Engineering + Fabric Data Analytics Training** program.

This career-focused course combines **Data Engineering and Data Analytics** in one comprehensive learning path. You'll gain hands-on experience in building modern data solutions using **Lakehouse, Data Warehouse, Data Factory, Data Pipelines, Spark, Semantic Models, DAX, Power BI, and Real-Time Analytics** within Microsoft Fabric.

Get Ready for Two Microsoft Certification Exams

DP-700: Microsoft Fabric Data Engineer

DP-600: Microsoft Fabric Analytics Engineer

What You'll Gain

- Hands-on Microsoft Fabric experience
- End-to-end Data Engineering skills
- Advanced Data Analytics & Power BI skills
- Real-time projects and practical scenarios
- DP-700 & DP-600 exam-focused preparation
- Career and interview guidance

One Platform. Two Career Paths. Two Certifications.

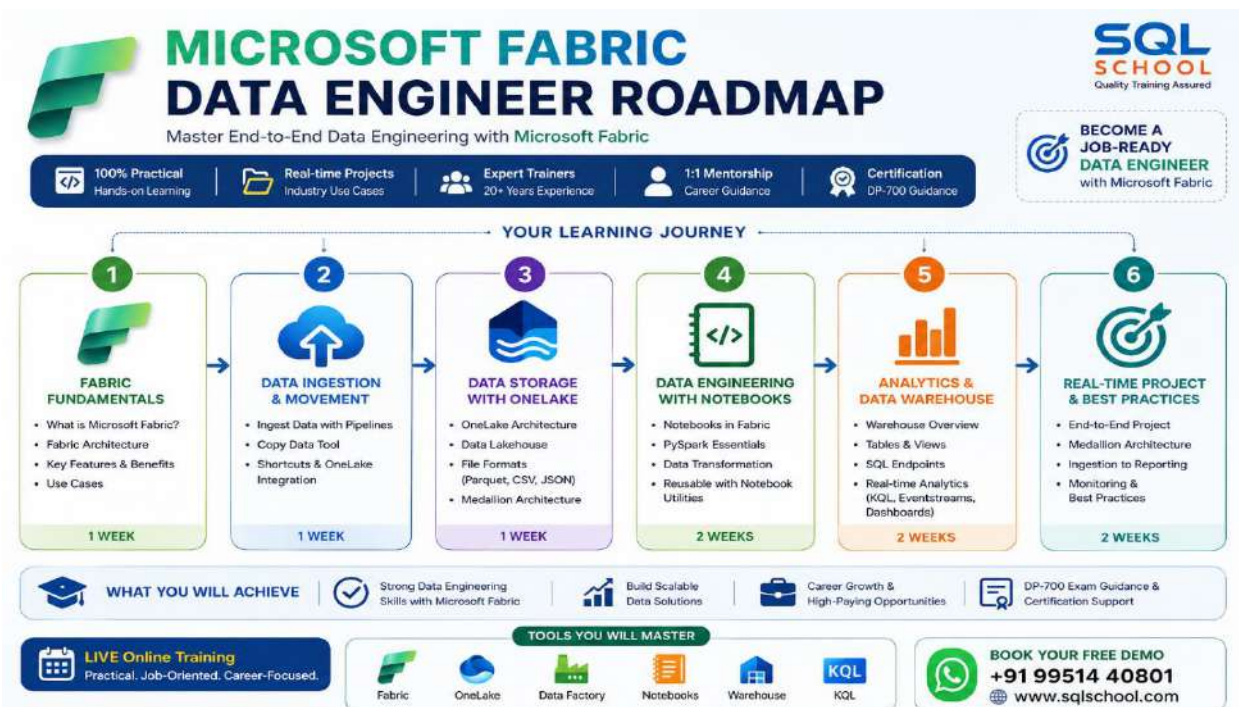
Build the skills to become a **Microsoft Fabric Data Engineer** or **Fabric Analytics Engineer** and prepare yourself for modern data opportunities.

Who Should Join?

- SQL Developers
- BI Developers
- Data Analysts

Prerequisites

- No experience required
- We start from the basics and build your skills step by step.



This Fabric Full Stack Course is divided into FIVE comprehensive modules:

- Module 1: SQL Server (MSSQL) & TSQL
- Module 2: Fabric Data Engineering
- Module 3: Fabric Data Analytics
- Module 4: DP-700, DP-600 Exam Preparation
- Module 5: Resume Guidance

Detailed Course Content

Module 1: SQL Server (MSSQL), TSQL

Ch 1: SQL Database Job Roles

- ✓ Database Intro
- ✓ OLTP, DWH, OLAP
- ✓ DBMS Basics
- ✓ Data Engineer Job Roles

Ch 2: Database Intro & Installations

- ✓ SQL Server Installations
- ✓ Instance & Collations
- ✓ SSMS Tool Installation
- ✓ Connections, Authentications

Ch 3: SQL Basics V1 (Commands)

- ✓ SQL Basics (DDL, DML, etc..)
- ✓ Creating Databases, Tables
- ✓ Data Inserts (GUI, SQL)
- ✓ Basic SELECT Queries

Ch 4: SQL Basics V2 (Commands, Operators)

- ✓ DDL: Create, Alter, Drop
- ✓ DML: Insert, Update, Delete
- ✓ DQL: Select, Fetch
- ✓ Add, Truncate Statements
- ✓ SQL Operators

Ch 5: Data Types & Variables

- ✓ Integer Data Types
- ✓ Character, MAX Data Types
- ✓ Decimal & Boolean Data Types
- ✓ Date and Time Data Types
- ✓ SQL_Variant Type

Ch 6: Data Imports From Files

- ✓ Data Imports with Excel
- ✓ Data Imports with CSV

- ✓ Auto Detection of DataTypes
- ✓ OLE-DB Connections
- ✓ Order By, TOP, OFFSET

Ch 7: Sub Queries

- ✓ Basic Sub Queries
- ✓ Aggregations
- ✓ Combining Queries
- ✓ UNION, UNION ALL

Ch 8: Schemas & Batches

- ✓ Schemas: Creation, Usage
- ✓ Schemas & Table Grouping
- ✓ Real-world Banking Database
- ✓ 2 Part, 3 Part & 4 Part Naming
- ✓ Batch Concept & "Go" Command

Ch 9: Constraints, Keys & RDBMS

- ✓ Null, Not Null Constraints
- ✓ Unique Key & Check
- ✓ Primary Key Constraint
- ✓ Foreign Keys, Default
- ✓ DB Diagrams & ER Models

Ch 10: Normal Forms & RDBMS

- ✓ Normal Forms: 1 NF, 2 NF
- ✓ 3 NF, BCNF and 4 NF
- ✓ 1:1, 1:M, M:1 Cardinality
- ✓ Cascading Keys
- ✓ Self Referencing Keys

Ch 11: Joins & Queries

- ✓ Joins: Table Comparisons
- ✓ Inner Joins & Matching Data
- ✓ Outer Joins: LEFT, RIGHT
- ✓ Full Outer Joins & Aliases
- ✓ Self Joins & Aliases

Ch 12: Views & RLS

- ✓ Views: Realtime Usage
- ✓ DML, SELECT with Views
- ✓ Excel Analytics with Views
- ✓ Important System Views

Ch 13: Stored Procedures - 1

- ✓ Stored Procedures: Realtime Use
- ✓ Parameters Concept with SPs

- ✓ Procedures with SELECT
- ✓ System Stored Procedures
- ✓ Stored Procedures, Tuning

Ch 14: Stored Procedures - 2

- ✓ Merge Statement (Upsert)
- ✓ Merge with OLTP & DWH
- ✓ Matched and Not Matched
- ✓ Merge Statement inside SPs
- ✓ SP Recompilations

Ch 15: User Defined Functions - 1

- ✓ Scalar Functions in Real-world
- ✓ Inline & Multiline Functions
- ✓ Parameterized Queries
- ✓ Variables & Parameters
- ✓ Function Executions

Ch 16: User Defined Functions - 2

- ✓ Date & Time Functions
- ✓ String Functions & Queries
- ✓ Aggregated Functions & Usage
- ✓ Window Functions (Rank)
- ✓ Row_Number, DenseRank
- ✓ Partition By & Order By

Ch 17: Triggers & Automations

- ✓ Need for Triggers in Real-world
- ✓ DDL & DML Triggers
- ✓ For / After Triggers
- ✓ Instead Of Triggers
- ✓ Memory Tables with Triggers
- ✓ Disabling DMLs Triggers

Ch 18: Group By Queries

- ✓ Group By, Distinct
- ✓ GROUP BY, HAVING
- ✓ Cube() and Rollup()
- ✓ Sub Totals & Grand Totals
- ✓ Grouping() & Usage

Ch 19: Joins with Group By

- ✓ 3 Table, 4 Table Joins
- ✓ Join Queries & WHERE
- ✓ Join Queries & Group By
- ✓ IIF(), CASE Statement
- ✓ Query Execution Order

Ch 20: Transactions & ACID

- ✓ Auto Commit Transaction
- ✓ Explicit Transactions
- ✓ COMMIT, ROLLBACK
- ✓ Checkpoint & Query Blocking
- ✓ READPAST, LOCKHINT

Ch 21: Indexes Basics, Tuning

- ✓ Clustered Index, Primary Key
- ✓ Non Clustered Index
- ✓ Query Optimizer
- ✓ Tuning Join Queries
- ✓ Tuning Group By Queries

Ch 22: CTEs & Tuning

- ✓ Common Table Expression
- ✓ CTEs for Data Retrieval
- ✓ CTEs for DML Operations
- ✓ CTEs for Data Cleansing
- ✓ Using CTEs with Row Number

Ch 23: Cursors & Temp Tables

- ✓ Cursors & Fetch
- ✓ Local Temp Tables
- ✓ Global Temp Tables
- ✓ SELECT..INTO Statement

Ch 24: SQL Server Architecture

- ✓ Network Protocols
- ✓ Storage Engine
- ✓ Query Processing Engine
- ✓ Query Execution Order
- ✓ SQL OS Components

Ch 25: Capstone Project (HealthCare Management System)

- ✓ ECommerce Database
- ✓ Data Validations
- ✓ Query Writing
- ✓ Query Tuning
- ✓ Excel Analytics

Module 2: Fabric Data Engineering

Week 1: Microsoft Fabric Fundamentals & OneLake

Learning Modules

- Introduction to Microsoft Fabric

- Understand OneLake Architecture
- Lakehouse Fundamentals
- Delta Lake Foundations
- Fabric Capacity & Workspaces

Hands-on Labs

- ✓ Create Fabric Trial Workspace
- ✓ Create Lakehouse
- ✓ Upload CSV files
- ✓ Explore OneLake Explorer
- ✓ Configure Workspace Roles

Learning Outcome

- ✓ Understand Fabric architecture
- ✓ Differentiate Lakehouse, Warehouse, Event house

Week 2: Data Ingestion & Data Factory

Learning Modules

- Data Factory in Microsoft Fabric
- Dataflows Gen2
- Incremental Loading
- Data Integration Patterns
- Data validation
- SCD Type 1
- SCD Type 2
- Data Pipelines
- Copy Activities & Pipelines
 - Parameters & Variables
 - Expressions
 - Lookup
 - ForEach
 - If Condition
 - Stored Procedure
 - Notebook Activity
 - Pipeline-to-Pipeline execution
 - Scheduling & Triggers
 - Error Handling
 - Retry mechanisms
 - Logging
 - Incremental Loads
 - Metadata-driven Pipelines

Hands-on Labs

Lab 1: Pipeline Development

- ✓ Create Pipeline
- ✓ Copy from Azure SQL Database
- ✓ Copy from ADLS Gen2
- ✓ Schedule execution

Lab 2: Dataflows Gen2

- ✓ Import CSV
- ✓ Apply transformations
- ✓ Load to Lakehouse

Lab 3: Incremental Processing

- ✓ Watermark columns
- ✓ Historical + Delta Load

Learning Outcome

- ✓ Pipeline orchestration
- ✓ Incremental ingestion strategies

Week 3: Spark & Notebook Engineering

Learning Modules

- Apache Spark Fundamentals
- Spark SQL
- PySpark Transformations
- Delta Tables
- Medallion Architecture
- **PySpark**
 - DataFrames
 - Schema management
 - Joins
 - Aggregations
 - Window Functions
 - Null handling
 - Deduplication
 - JSON processing
 - Explode
 - UDFs
 - Date/time transformations
- **Delta Lake**
 - MERGE
 - UPDATE/DELETE
 - Schema evolution
 - Time Travel
 - OPTIMIZE
 - VACUUM
 - Partitioning
- **Performance**
 - Lazy evaluation
 - Shuffle
 - Partitioning
 - Repartition vs Coalesce

- Cache/Persist
- Spark execution plan basics

Labs

- ✓ Create Notebook
- ✓ Bronze Layer
- ✓ Raw ingestion
- ✓ Silver Layer
- ✓ Cleansing
- ✓ Deduplication
- ✓ Gold Layer
- ✓ Business aggregations

Advanced Labs

- ✓ Delta Merge
- ✓ Upsert operations
- ✓ Performance Optimizations
- ✓ Partitioning

Learning Outcome

- ✓ PySpark development
- ✓ Delta Lake engineering

Week 4: Data Warehouse Engineering

Learning Modules

- Fabric Warehouse
- T-SQL Development
- Dimensional Modeling
- Fact & Dimension Design
- Performance Optimization
- Star Schema
- Surrogate Keys
- Fact table grain
- Conformed Dimensions
- Date Dimension
- Incremental Fact Loading

Labs

- ✓ Create Warehouse
- ✓ Star Schema

Build:

- ✓ FactSales
- ✓ DimCustomer
- ✓ DimDate
- ✓ DimProduct
- ✓ Warehouse Objects
- ✓ Views

- ✓ Stored Procedures
- ✓ Functions

Learning Outcome

- ✓ Modern Data Warehousing
- ✓ Analytical Modeling

Week 5: Real-Time Analytics & Streaming

Learning Modules

- Eventstream
- Real-Time Analytics
- Eventhouse
- KQL Fundamentals
- Streaming Solutions

Labs

- ✓ Eventstream
- ✓ Simulated IoT Device
- ✓ Ingest streaming data
- ✓ Route data to Lakehouse
- ✓ Eventhouse
- ✓ Create KQL Tables
- ✓ Build near real-time reporting

Learning Outcome

- ✓ Streaming analytic
- ✓ Eventhouse & KQL

Week 6: Enterprise Fabric – Security, Governance, DevOps & Monitoring

Learning Modules

- Security in Fabric
- Governance
- Git Integration
- Deployment Pipelines
- Monitoring & Troubleshooting
- Workspace architecture
- Dev/Test/Prod strategy
- Git branching strategy
- Environment configuration
- Secrets/credentials concepts
- Lineage
- Impact analysis
- Capacity monitoring
- Pipeline monitoring
- Spark monitoring
- Cost optimization

Labs

- ✓ Security
- ✓ Workspace Roles
- ✓ Object Level Security
- ✓ Row Level Security
- ✓ Git Integration
- ✓ Commit Changes
- ✓ Monitoring Hub
- ✓ Capacity Metrics
- ✓ Refresh Tracking

Learning Outcome

- ✓ Enterprise Deployment
- ✓ Deployment - Dev → Test → Prod
- ✓ Branch Management
- ✓ Connect Fabric Workspace

Week 7: Real-Time Project

Project Activities

- Ingest data from Azure SQL, ADLS, CSV & APIs
- Build Fabric Data Factory Pipelines
- Implement Full & Incremental Loads
- Create Bronze, Silver & Gold Layers
- Perform Data Cleansing & Transformations using PySpark
- Build Delta Tables
- Implement MERGE & Upsert Operations
- Handle Duplicate & Missing Data
- Build Fact & Dimension Tables
- Implement Star Schema
- Create Fabric Warehouse
- Automate End-to-End Pipeline Execution
- Implement Error Handling & Logging
- Monitor Pipeline & Spark Jobs
- Optimize Lakehouse & Warehouse Performance

Enterprise Deployment

- Configure Dev, Test & Production Workspaces
- Integrate Fabric with Git
- Branch & Version Management
- Configure Deployment Pipelines
- Deploy Dev → Test → Production
- Configure Workspace & Item-Level Security
- Implement RLS / OLS
- Monitor Fabric Workloads
- Capacity & Performance Optimization

Module 3: Power BI With Fabric Integrations

Ch 1: Power BI Intro, Installation

- ✓ Power BI & Data Analysis
- ✓ Power BI Eco System
- ✓ Power BI Design Tools
- ✓ PBI Hosting Solutions
- ✓ Power BI Installation

Ch 2: Report Design Concepts

- ✓ Basic Report Design (PBIX)
- ✓ Get Data, Canvas (Design)
- ✓ Data View, Data Models
- ✓ Data Points, Spotlight
- ✓ Focus Mode, PDF Exports

Ch 3: Visual Interactions, PBIT

- ✓ Visual Interactions & Edits
- ✓ Limitations with Visual Edits
- ✓ Creating Power BI Templates
- ✓ CSV Exports & PBIT Imports

Ch 4: Grouping, Hierarchies

- ✓ Creating Groups: Lists
- ✓ Creating Groups: Bins
- ✓ List Items & Group Edits
- ✓ Bin Size & Bin Count

Ch 5: Slicer & Visual Sync

- ✓ Slicer Visual in Power BI
- ✓ Slicer: Format Options
- ✓ Single Select, Multi Select
- ✓ Slicer: Select All On / Off
- ✓ Visual Sync with Slicers

Ch 6: Hierarchies & Drill-Down

- ✓ Hierarchies: Creation, Use
- ✓ Hierarchies: Advantages
- ✓ Drill Up, Drill Down
- ✓ Conditional Drill Down
- ✓ Filtered Drill Down, Table View

Ch 7: Filters & Drill Thru

- ✓ Power BI Filters
- ✓ Basic, Top & Advanced

- ✓ Visual Filters, Page Filters
- ✓ Report Level Filters, Clear Filter
- ✓ Drill Thru Filters & Usage

Ch 8: Bookmarks, Buttons

- ✓ Power BI Bookmarks
- ✓ Images: Actions, Bookmarks
- ✓ Buttons: Actions, Bookmarks
- ✓ Page to Page Navigations
- ✓ Score Cards, Master Pages

Ch 9: SQL DB Access & Big Data

- ✓ SQL DB Access, Queries
- ✓ Storage Modes: Direct Query
- ✓ Formatting & Date Time
- ✓ Storage Modes in Power BI
- ✓ Azure (Big Data) Access & Formatting

Ch 10: Power BI Visualizations

- ✓ Charts, Bars, Lines, Area
- ✓ TreeMaps & HeatMaps
- ✓ Funnel, Card, Multrow Card
- ✓ PieCharts & Waterfall
- ✓ Scatter Chart, Play Axis
- ✓ Infographics, Classifications

Ch 11: Power Query Introduction

- ✓ Power Query (Mashup)
- ✓ ETL Transformations in PBI
- ✓ Table Combine Options
- ✓ Merge, Union All Options
- ✓ Missing Values, Duplicate Records
- ✓ Wrong Data Types, Outliers
- ✓ Close, Apply & Visualize

Ch 12: Power Query: Table Transformations

- ✓ Table Duplicate, Header Promotion
- ✓ Group By Transformation
- ✓ Aggregate, Pivot Operation
- ✓ Reverse Rows, Count Rows
- ✓ Advanced Power Query Mode
- ✓ Data Cleaning, Null Handling

Ch 13: Power Query: Column Transformations

- ✓ Any Column Transformations
- ✓ Data Type Detection, Change
- ✓ Rename, Replace, Move
- ✓ Fill Up, Fill Down
- ✓ Step Edits & Rollbacks

Ch 14: Power Query: Text, Date Transformations

- ✓ String / Text Transformations
- ✓ Split, Merge, Extract, Format
- ✓ Numeric and Date Time
- ✓ Add Column & Expressions
- ✓ Column From Examples

Ch 15: Power Query: Parameters, Expressions

- ✓ Parameters in Power Query
- ✓ Static Parameters, Defaults
- ✓ Dynamic Dropdowns, Lists
- ✓ Linking with Table Queries
- ✓ Step Edits, Type Conversions
- ✓ API & Web Data Sources

Ch 16: Power BI Cloud & Fabric

- ✓ Power BI Cloud, Microsoft Fabric
- ✓ Microsoft Fabric Concepts
- ✓ Fabric One Lake (DWH, LH, etc.)
- ✓ Microsoft Fabric Workspace
- ✓ Power BI Desktop Connections
- ✓ Report Uploads (PBIX)
- ✓ Report Edits, Semantic Models

Ch 17: Power BI Cloud Dashboards

- ✓ Power BI Dashboards
- ✓ Dashboard Creation, Usage
- ✓ Pin Visuals, Pin LIVE Pages
- ✓ Add Image, Video Tiles
- ✓ Q&A & Pin Tiles

Ch 18: Power BI Cloud Operations

- ✓ Report Shares, Alerts
- ✓ Subscriptions, Exploration
- ✓ Downloads & Edits
- ✓ Report Cloning in Cloud
- ✓ QR Codes, Web Publish
- ✓ Lineage & Metrics

Ch 19: Power BI Cloud Gateways

- ✓ Data Gateways, Data Refresh
- ✓ Install, Configure Gateways
- ✓ Data Refresh & Scheduling
- ✓ Gateway Optimizations
- ✓ Incremental Refresh
- ✓ Large Dataset Optimization

Ch 20: Power BI Cloud Apps

- ✓ Power BI Apps: Creation
- ✓ App Sections & Content
- ✓ Audience & App Security
- ✓ App URL, End User Access

Ch 21: Power BI Report Server

- ✓ SQL Server 2025
- ✓ Power BI Report Server
- ✓ RS Config Tool Options
- ✓ Report Database, TempDB
- ✓ Web Service & Server URL

Ch 22: Paginated Reports

- ✓ Report Builder Tool
- ✓ Paginated Report (RDL)
- ✓ Tablix, Chart Wizards
- ✓ Fields & Drill-Down
- ✓ RDL Report Publish

Ch 23: DAX Concepts (Basics)

- ✓ DAX Concepts: Intro & Realtime Need
- ✓ DAX Columns: Creation, Use
- ✓ DAX Measures: Creation, Use
- ✓ DAX Functions: IIF, ISBLANK
- ✓ SUM, CALCULATE Functions

Ch 24: DAX Quick Measures

- ✓ Quick Measures in Power BI
- ✓ Running Totals
- ✓ Star Rating Calculations
- ✓ DAX Measures in Data View
- ✓ DAX in Cloud Reports

Ch 25: Data Modelling, DAX

- ✓ Dimensions Tables
- ✓ Fact Tables & DAX Measures
- ✓ Data Models & DDAX Joins
- ✓ Star & Snowflake Schemas
- ✓ Many-to-Many Relationships
- ✓ Calculation Groups

Ch 26: DAX Joins, Variables

- ✓ CALCULATEX & Variables
- ✓ COUNT, COUNTA, etc..
- ✓ SUM, SUMX, etc..
- ✓ SELECTED MEMEBER
- ✓ Filter Context, RETURN

Ch 27: DAX Models & Calculations

- ✓ VAR, SWITCH, SUMMARIZE
- ✓ TREATAS, USERELATIONSHIP
- ✓ CROSSFILTER, GENERATE
- ✓ RANKX, TOPN, WINDOW
- ✓ OFFSET, INDEX

Ch 28: DAX Time Intelligence

- ✓ Need for Time Intelligence
- ✓ Date Table Generation
- ✓ Time Intelligence with DAX
- ✓ PARALLELPERIOD, DATE
- ✓ CALENDAR, Total Functions
- ✓ YTD, QTD, MTD with DAX

Ch 29: DAX - Row Level Security

- ✓ RLS: Row Level Security
- ✓ Data Modelling & Roles
- ✓ Add Cloud Users & KPIs
- ✓ CoPilot with DAX

Ch 30: Analytical Reports

- ✓ Analytical Report Concepts
- ✓ Excel with Power BI Cloud
- ✓ SQL, AVRO, JSON Sources
- ✓ Analyze in Excel
- ✓ Excel Pivot Reports

Ch 31: PL 300 Exam Guidance

- ✓ PL 300 Exam Guidance

- ✓ Exam Samples
- ✓ Exam Scenarios

Realtime Project 2 (Health Care Platform) – For Your Resume

Project Objective

Design and implement a modern Healthcare Data Platform using Power BI Analytics and Reporting services to process patient, hospital, clinical, and operational data for reporting, analytics, and decision-making.

Technologies Used

- ✓ On-Premise SQL Server
- ✓ Azure SQL Database
- ✓ Power BI Service
- ✓ Power Pivot, CoPilot
- ✓ Report Builder

Learning Outcomes

After completing this project, you can confidently showcase experience in:

- Power BI Reporting
- Power BI Service, CoPilot
- Power BI Server
- Azure Synapse with Power BI
- Spark Schemas with Power BI
- Performance Optimization
- End-to-End Azure Data Engineering Solutions

Career Guidance

- ✓ ATS-Friendly Resume
- ✓ Resume Optimization
- ✓ Interview Strategy
- ✓ Job Search Platforms

Module 4: Get Ready for Microsoft Fabric Certifications

DP-700 — Microsoft Fabric Data Engineer

Develop the skills to design, build, and manage modern data engineering solutions using Microsoft Fabric. Gain practical experience with Lakehouse, Data Factory, Data Pipelines, Spark, Data Warehouse, Real-Time Intelligence, and data orchestration.

DP-600 — Microsoft Fabric Analytics Engineer

Build expertise in enterprise analytics using Microsoft Fabric and Power BI. Learn to create semantic models, optimize data models, work with DAX, build analytics solutions, implement security, and deliver actionable business insights.

What You'll Gain

- Complete Data Engineering + Data Analytics skill set
- Hands-on experience with Microsoft Fabric
- Preparation for DP-700 & DP-600
- Real-time projects and industry use cases
- Practical Lakehouse, Warehouse & Power BI experience
- End-to-end understanding from Data Ingestion → Transformation → Modeling → Analytics
- Certification and interview preparation
- Skills for Fabric Data Engineer & Analytics Engineer roles

DP-700 vs DP-600

SAME PLATFORM. DIFFERENT FOCUS. GREATER OPPORTUNITIES.



DP-700

Microsoft Fabric Data Engineer

	Focus	Data Engineering
	Role	Fabric Data Engineer
	Core Goal	Build & manage data solutions
	Key Skills	Ingestion, transformation, orchestration
	Fabric Areas	Lakehouse, Pipelines, Spark, Warehouse
	Best For	Data Engineers / ETL Developers
	Exam	DP-700





DP-600

Microsoft Fabric Analytics Engineer

	Focus	Data Analytics
	Role	Fabric Analytics Engineer
	Core Goal	Model, analyze & visualize data
	Key Skills	Modeling, DAX, analytics, reporting
	Fabric Areas	Semantic Models, Power BI, Warehouse
	Best For	Data Analysts / BI Developers
	Exam	DP-600

**DP-700:**
Build the Data Platform



**DP-600:**
Turn Data into Business Insights

Together: Data Engineering → Analytics → Insights

Ready to Master Microsoft Fabric?

Take the next step toward becoming a Microsoft Fabric Data Engineer & Analytics Engineer. Build end-to-end skills in Data Engineering + Data Analytics, work on real-world projects, and prepare confidently for the DP-700 & DP-600 certification exams. One Course. Two Career Paths. Two Certifications.

Learn → Practice → Get Certified → Grow Your Career

ENROLL NOW

Start your Microsoft Fabric journey with SQL School.



The banner features the Microsoft Fabric logo at the top left with the tagline "One platform. Endless possibilities." On the top right, a vertical list reads "LEARN BUILD PRACTICE GROW". The central text says "Thank You!" in large blue letters, followed by "Thank you for your interest in our **FABRIC DATA ENGINEERING + FABRIC DATA ANALYTICS**". Below this, it says "We're excited to be part of your learning journey and help you build a successful career in Microsoft Fabric." To the right is a 3D graphic of a green ribbon forming a stylized 'F' on a blue circular base. The base has a white band with the text "DATA → SKILLS → INSIGHTS → OPPORTUNITIES". Behind the base are four vertical panels labeled "Ingest", "Transform", "Analyze", and "Create Insights", each with an icon. At the bottom, a dark blue bar contains five icons with labels: "Hands-on Learning", "Real-World Projects", "Certification Guidance", "Career Support", and "Better Opportunities". The text "SAME PLATFORM. BRIGHTER FUTURE." is centered at the bottom, and "Keep Learning!" is written in a script font on the right.

Microsoft Fabric
One platform. Endless possibilities.

LEARN
BUILD
PRACTICE
GROW

Thank You!

Thank you for your interest in our
**FABRIC DATA ENGINEERING +
FABRIC DATA ANALYTICS**

We're excited to be part of your learning journey
and help you build a successful career in Microsoft Fabric.

DATA → SKILLS → INSIGHTS → OPPORTUNITIES

Hands-on Learning
Real-World Projects
Certification Guidance
Career Support
Better Opportunities

SAME PLATFORM. BRIGHTER FUTURE.

Keep Learning!

Thank You & Best Wishes!

"Your Microsoft Fabric Journey Starts Today!"

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