

SQL Developer with AI (Includes DP 800 Exam Guidance)

Thank you for contacting our **SQL School**. I am **Mr. Sai Phanindra**, trainer for this **Azure SQL Developer Training** Course. With 20+ Years of technical expertise exclusively on SQL & Database Technologies, I assure you 100% Practical, Step by Step Classes for this MSSQL course. My Profile @ www.linkedin.com/in/saiphanindra/

This 100% Practical Step by Step course includes total of 6 modules:

Module 1: **Database Concepts, MSSQL & TSQL Queries**
Module 2: **TSQL Programming**
Module 3: **TSQL Query Tuning**
Module 4: **Azure SQL (TSQL) with AI**
Module 5: **Logic Apps, Azure Functions with TSQL**
Module 6: **Fabric SQL (TSQL) with AI**
Module 7: **CoPilot & Git Hub**
Module 8: **DP 800 Exam Guidance**

Duration:	**2 Months (Min)**
Type:	**100% Practical, Hands-On**
Mode:	**LIVE Online, Self-Paced Videos. Choose any one.**
Concept wise Notes:	**Included**
Concept wise Assignments:	**Included**
Realtime Projects:	**Two, Included in the course**

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Exam Guidance: **DP 800, Included in the course**

🔥 Detailed Course Content 🔥

This detailed content with 100% Hands-On, Daily Assignments make you 100% Job ready !

Module 1: Database Concepts, SQL & MSSQL (TSQL) Queries

Ch 1: SQL Database Job Roles

- ✓ **Introduction to Data**
- ✓ **Database Job Roles**
- ✓ **Database Intro, Types (OLTP, DWH, OLAP..)**
- ✓ **DBMS Concepts**
- ✓ **SQL & MSSQL Introduction**

Ch 2: Database Intro & Installations

- ✓ **SQL Server 2025 Installations**
- ✓ **SSMS Tool Installation**
- ✓ **AI Components**
- ✓ **AI Workloads**
- ✓ **Instance Concept**
- ✓ **Authentications, Collations**
- ✓ **Server Connections**
- ✓ **Version Checks**

Ch 3: SQL Basics V1 (Commands)

- ✓ **Creating Databases (GUI)**
- ✓ **Creating Tables, Columns (GUI)**
- ✓ **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, Add, modify, etc..**
- ✓ **DML: Insert, Update, Delete, select into, etc..**
- ✓ **DQL: Fetch, Insert... Select, etc..**
- ✓ **SQL Operations: LIKE, BETWEEN, IN, etc..**
- ✓ **Special Operators**

Ch 5: Excel Data Imports

- ✓ **Data Imports with Excel**
- ✓ **Order By: Asc, Desc**
- ✓ **Order By with WHERE**
- ✓ **TOP & OFFSET**
- ✓ **UNION, UNION ALL**

Ch 6: Data Types

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

Ch 7: Schemas & Batches

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

Ch 8: Constraints, Keys & RDBMS

- ✓ **Null, Not Null Constraints**
- ✓ **Unique Key Constraint**
- ✓ **Primary Key Constraint**
- ✓ **Foreign Key & References**
- ✓ **Default Constraint & Usage**
- ✓ **DB Diagrams & ER Models**

Ch 9: Normal Forms & Modeling

- ✓ **Normal Forms: 1 NF, 2 NF**
- ✓ **3 NF, BCNF and 4 NF**
- ✓ **Self Referencing Keys**
- ✓ **Cascading Keys**
- ✓ **Adding PK to Tables**
- ✓ **Adding FK to Tables**

Ch 10: Joins & Queries

- ✓ **Joins: Table Comparisons**
- ✓ **Inner Joins & Matching Data**
- ✓ **Outer Joins: LEFT, RIGHT**
- ✓ **Full Outer Joins & Aliases**
- ✓ **Cross Join & Table Combination**
- ✓ **Joining more than 2 tables**

Ch 11: Group By & Join Queries

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

Ch 12: Sub Queries & Joins

- ✓ **Sub Queries Concept**
- ✓ **Sub Queries & Aggregations**
- ✓ **Joins with Sub Queries**
- ✓ **Sub Queries with Aliases**
- ✓ **Sub Queries, Joins, Where**
- ✓ **Correlated Queries**
- ✓ **Joins with Sub Queries**
- ✓ **Query Execution Order**

Ch 13: Views & Data Analytics

- ✓ **Views: Realtime Usage**
- ✓ **Storing SELECT in Views**
- ✓ **DML, SELECT with Views**
- ✓ **Using Views with Excel**
- ✓ **Excel Pivot Tables**
- ✓ **Excel Pivot Charts**
- ✓ **Important System Views**

Ch 14: Stored Procedures - 1

- ✓ **Stored Procedures: Realtime Use**
- ✓ **Parameters Concept with SPs**
- ✓ **Procedures with SELECT**
- ✓ **System Stored Procedures**
- ✓ **Metadata Access with SPs**
- ✓ **SP Recompilations**
- ✓ **Stored Procedures, Tuning**

Ch 15: Stored Procedures - 2

- ✓ **Merge Statement**
- ✓ **Upsert Operations with Merge**
- ✓ **Merge with OLTP & DWH**
- ✓ **Matched and Not Matched**
- ✓ **Merge Statement inside SPs**

Ch 16: User Defined Functions

- ✓ **Using Functions in MSSQL**
- ✓ **Scalar Functions in Real-world**
- ✓ **Inline & Multiline Functions**
- ✓ **Parameterized Queries**
- ✓ **Date & Time Functions**
- ✓ **String Functions & Queries**
- ✓ **Aggregated Functions & Usage**

Ch 17: Window Functions, CASE

- ✓ **IIF Function and Usage**
- ✓ **CASE Statement Usage**
- ✓ **Window Functions (Rank)**

- ✓ Row_Number( )
- ✓ Rank( ), DenseRank( )
- ✓ Partition By & Order By

Ch 18: 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 19: Transactions & ACID

- ✓ Transaction Concepts in OLTP
- ✓ Auto Commit Transaction
- ✓ Explicit Transactions
- ✓ COMMIT, ROLLBACK
- ✓ Checkpoint & Logging
- ✓ Lock Hints & Query Blocking
- ✓ READPAST, LOCKHINT

Ch 20: Indexes Basics, Tuning

- ✓ Indexes & Tuning
- ✓ Clustered Index, Primary Key
- ✓ Non Clustered Index & Unique
- ✓ Creating Indexes Manually
- ✓ Composite Keys, Query Optimizer
- ✓ Composite Indexes & Usage

Ch 21: CTEs & Tuning

- ✓ Common Table Expression
- ✓ Creating and Using CTEs
- ✓ CTEs, In-Memory Processing
- ✓ Using CTEs for DML Operations
- ✓ Using CTEs for Tuning
- ✓ CTEs: Duplicate Row Deletion

Ch 22: Cursors & Fetch

- ✓ Cursors: Realtime Usage
- ✓ Local & Global Cursors
- ✓ Scroll & Forward Only Cursors
- ✓ Static & Dynamic Cursors
- ✓ Fetch, Absolute Cursors

Ch 23: Temporary Tables

- ✓ TempDB: Realtime Use
- ✓ Local Temporary Tables

- ✓ Global Temporary Tables
- ✓ Testing & Using Temp Tables
- ✓ Temp Tables across Sessions
- ✓ Auto Create Tables using Select
- ✓ SELECT .. INTO & Bulk Loads

Ch 24: Linked Servers

- ✓ Creating Linked Servers
- ✓ Testing Linked Servers
- ✓ Remote Joins
- ✓ Correlated Queries
- ✓ Remote DB Access
- ✓ 4 Part Naming Conventions

Ch 25: Server Architecture

- ✓ Database Engine Components
- ✓ Parser, Compiler & Optimizer
- ✓ Protocols and Query Processing
- ✓ MDAC, CLR & Memory
- ✓ Parsing and Compilation
- ✓ SQL OS Components

Ch 26: Realtime Case Study: Healthcare Scenario (Design)

Ch 27: Realtime Case Study: Healthcare Scenario (Queries)

Module 2: TSQL Programming

Ch 1: Variables & Try..Catch

- ✓ Variables: Declaration & Usage
- ✓ Assigning Values to Variables
- ✓ SELECT & SET Operations
- ✓ Using Variables in SPs
- ✓ Variables Versus Parameters
- ✓ Try.. Catch Block with Variables
- ✓ THROW Statement, Error Handling

Ch 2: Updatable Views

- ✓ Using Triggers with Views
- ✓ Updatable Views, DML
- ✓ Views & Stored Procedures
- ✓ Data Distributions in Tables
- ✓ Transactions with Procedures
- ✓ Conditional Commits in SPs
- ✓ Rollback Options in Realtime

Ch 3: Stored Procedures & TVPs

- ✓ Using TVP with Procedures
- ✓ Creating User Defined Types
- ✓ Big Data Copy & Transactions
- ✓ Using SPs & Table Variables
- ✓ Transactional Integrity with SPs
- ✓ Conditional Commits, Rollbacks
- ✓ Procedure Recompilations

Ch 4: Stored Procedures, Cursors

- ✓ Cursors Types: Local, Global
- ✓ Using Procedues with Cursors
- ✓ Formatting Queries, Nvarchar
- ✓ WHILE Loop: @Fetch Status
- ✓ Variables with Dynamic SQL
- ✓ sp_executesql Extended SP
- ✓ Dynamic SQL Programming

Ch 5: SPs & Recursive CTEs

- ✓ CTEs: Common Table Expression
- ✓ CTEs For DML Operations
- ✓ Defining Recursive CTEs
- ✓ Anchor Element: Realtime Use
- ✓ Termination Checks and Loops
- ✓ Defining SPs with CTEs
- ✓ Cautions with Recursive CTEs

Ch 6: Functions & Loops

- ✓ Inline, Table Line Functions
- ✓ Multi Line Table Functions
- ✓ Using LOOPs in Functions
- ✓ Variables & Return Values
- ✓ Table Generation Logic
- ✓ Date & Time Data Types
- ✓ Calendar Data Generations

Ch 7: OpenRowSet, Debugging

- ✓ Reading JSON Data
- ✓ Using OPENROWSET( )
- ✓ OpenRowSet with Variables
- ✓ Debugging Stored Procedures
- ✓ Debugging Types in TSQL
- ✓ Debugging Techniques with SSMS
- ✓ Debug Options with Variables

Ch 8: PIVOT, UNPIVOT

- ✓ **Reading Denormalized Data**
- ✓ **Normalizing Table Data**
- ✓ **PIVOT Operation with TSQL**
- ✓ **PIVOT with Aggregates**
- ✓ **FOR and IN Operators**
- ✓ **UNPIVOT with TSQL**
- ✓ **PIVOT with Functions, SPs**

Ch 9: Temporary Tables

- ✓ **TempDB: Realtime Use**
- ✓ **Local Temporary Tables**
- ✓ **Global Temporary Tables**
- ✓ **Testing & Using Temp Tables**
- ✓ **Temp Tables across Sessions**
- ✓ **Auto CreateTables using Select**
- ✓ **SELECT .. INTO & Bulk Loads**

Ch 10: Change Data Capture

- ✓ **CDC Concept**
- ✓ **Database Level CDC**
- ✓ **Table Level CDC**
- ✓ **CT Tables (Change Tracking)**
- ✓ **__$operation fields**
- ✓ **DDL & DML Tracking**

Ch 12: DB Architecture (VLDB)

- ✓ **Planning Large Databases**
- ✓ **Primary, Secondary Data Files**
- ✓ **Filegroups, Spacing and Sizing**
- ✓ **Log File: Usage and Precautions**
- ✓ **Creating Tables with Filegroups**
- ✓ **Pages and Extents for Storage**
- ✓ **VLF, MiniLSN & Checkpoint**

Module 3: TSQL Tuning

Ch 1: Tuning: Audits, AM Tool

- ✓ **Activity Monitor Tool**
- ✓ **Perfmon Tool & Counters**
- ✓ **Query Audits: DMVs, DMFs**
- ✓ **Plan Handle, Execution Time**
- ✓ **Long Running Queries**
- ✓ **Query Store & Buffer Cache**
- ✓ **Data Flush, Stats Collection**

Ch 2: Tuning : Indexes

- ✓ Indexes : Sort Locations
- ✓ Clustered & Online Indexes
- ✓ Non Clustered, Column Store
- ✓ Included Indexes in Realtime
- ✓ Filtered Indexes & Usage
- ✓ Covering Index & Selectivity
- ✓ Indexed Views (Materialized)

Ch 3: Tuning: Partitions

- ✓ Partitions: Performance Tuning
- ✓ Partition Functions & Schemes
- ✓ Partition Un-partitioned Tables
- ✓ Compressions: ROW, PAGE
- ✓ Auditing Partitions
- ✓ Partitions Limitations in OLTP
- ✓ Partitions with DWH

Ch 4: Statistics & Tuning

- ✓ Statistics: Realtime Usage
- ✓ Index & Column Statistics
- ✓ Statistics & Key Purpose
- ✓ Verifying, Using Stats
- ✓ Statistics Versus Indexes
- ✓ Stats Updates on Tables
- ✓ Stats Updates on Views

Ch 5: Index Management

- ✓ Index Management Options
- ✓ Index Rebuilds, Re-Organize
- ✓ Database Maintenance Plans
- ✓ Page Count and Index Conditions
- ✓ Degree Of Parallelism Settings
- ✓ Resumable & Online Indexes
- ✓ PAUSE, RESUME in Rebuilds

Ch 6: Tuning Tools

- ✓ Tuning Tools: Workload Files
- ✓ Profiler Tuning, Events
- ✓ DTA, Profiler Options
- ✓ Physical Design Structures
- ✓ PDS Recommendations
- ✓ Query Execution Cache
- ✓ Tuning Tools: Precautions

Ch 7: Execution Plans

- ✓ Execution Plan Analysis
- ✓ IO Cost and CPU Cost

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- ✓ SubTree & Operator Cost
- ✓ NUMA Nodes, Processor Affinity
- ✓ Thread Count, DOP
- ✓ Table & Index Scan, Index Seek
- ✓ Index Selectivity & Tuning

Ch 8: Lock Management

- ✓ Open Transactions in Realtime
- ✓ Open Transaction, Blocking
- ✓ LOCKS: Types & Audits
- ✓ S, X, IX, U and MD Locks
- ✓ Sch-M and Sch-S Locks
- ✓ SP_WHO2, SP_LOCK
- ✓ sysprocesses & Lock Waits

Ch 9: Isolation Levels

- ✓ Lock Hints and Isolation Levels
- ✓ Read Committed, Uncommitted
- ✓ Serializable, Repeatable Read
- ✓ Snapshot Isolation, Versioning
- ✓ Read Committed Snapshot
- ✓ sysprocesses & sp_who2
- ✓ Choosing Correct Isolation Level

Ch 10: Deadlocks, LIVE Locks

- ✓ Deadlocks in Real-world
- ✓ Profiler Tool & Deadlocks
- ✓ Lock Management: Deadlocks
- ✓ Deadlock Graphs & Events
- ✓ Deadlock Avoidance, Prevention
- ✓ Deadlock Prevention
- ✓ sysprocesses & sp_who2

Module 4: Azure SQL Dev

Ch 1: Cloud Basics, Azure Funda

- ✓ Cloud Fundamentals
- ✓ Cloud Concepts, Benefits
- ✓ IaaS, PaaS, SaaS Cloud Types
- ✓ Azure Cloud Concepts
- ✓ Azure Resources & Usage
- ✓ Azure Services & Purpose
- ✓ Azure Account & Subscription

Ch 2: Azure SQL Deployments

- ✓ Azure SQL Services
- ✓ Azure SQL Server Creation
- ✓ Azure SQL Databases
- ✓ Azure Firewall : Rules
- ✓ Test Connections from SSMS
- ✓ SSMS Tool : Test Connections
- ✓ ADS Tool : Installation, use

Ch 3: Azure SQL DB Operations

- ✓ Azure SQL : DDL Statements
- ✓ Azure SQL: DML Statements
- ✓ Azure SQL: DQL Statements
- ✓ TCL & DCL Commands
- ✓ Differences with OnPrem
- ✓ Azure SQL DB Advantages

Ch 4: Azure SQL DB Migrations

- ✓ SQL DB Migration Options
- ✓ Data Migration Assistant: DMA
- ✓ DMA Tool, Migration Options
- ✓ On-Premises DB Export
- ✓ Azure SQL Database Import
- ✓ Azure Storage Account
- ✓ Linking SSMS with Azure

Ch 5: Azure SQL DB Licensing

- ✓ Azure SQL DB Licensing
- ✓ Per Database Licensing
- ✓ DTUs: Basic, Standard Types
- ✓ VPU and Plan Types
- ✓ DTU Versus VPU Licensing
- ✓ Elastic DTUs (eDTU) Usage
- ✓ Elastic Query Processing

Ch 6: Azure SQL DB Metrics

- ✓ Azure SQL DB Metrics
- ✓ CPU, Memory, Log Metrics
- ✓ Data File Metrics, Alerts
- ✓ Action Groups & Emails
- ✓ Query Performance Insight
- ✓ Automated Tuning Options
- ✓ Query Recommendations

Ch 7: Azure SQL DB Tuning, AI

- ✓ Automated Tuning Options

- ✓ Manual Tuning Options
- ✓ Server Level Tuning
- ✓ Database Level Tuning
- ✓ Create Index Option
- ✓ Drop Index, Seek Options
- ✓ Built-In Intelligence

Ch 8: Azure AI Search

- ✓ AI Search Service, Tuning
- ✓ AI Indexes, Practical Use
- ✓ Watermark Columns
- ✓ Triggers & Timestamp
- ✓ Filterable, Searchable
- ✓ Sortable, FaceTables
- ✓ Indexer & Data Refresh

Module 5: Azure Functions with TSQL

Ch 1: Azure Storage Account Concepts

- ✓ Azure Storage Accounts
- ✓ Standard & ADLS Accounts
- ✓ Containers & File Uploads
- ✓ File Operations
- ✓ Access Tiers

Ch 2: Azure Tables & ADF

- ✓ Azure Tables
- ✓ Entities and Properties
- ✓ Storage Service Operations
- ✓ OData Queries & Filters
- ✓ Data Loads with ADF

✓

Ch 3: Azure Key Vaults

- ✓ Azure Encryptions at REST
- ✓ SMK & CMK Encryptions
- ✓ Azure Key Vaults & Keys
- ✓ Key Access Policies
- ✓ Rest, Transit Encryptions
- ✓ Realtime Considerations

Ch 4: Azure Logic Apps

- ✓ Azure Logic Apps
- ✓ Consumption Logic
- ✓ Standard Logic
- ✓ Logic App Connectors

- ✓ **Triggers & Parallel Branches**
- ✓ **Schedules & Automations**
- ✓ **Data Governance**

Ch 5: Azure Functions

- ✓ **Azure Functions**
- ✓ **Creating, Using Functions**
- ✓ **Azure Functions with TSQL**
- ✓ **TSQL Debugging**
- ✓ **Testing Azure Functions**

Module 6: Fabric SQL (TSQL)

Ch 1: Fabric Introduction

- ✓ **Need for Fabric, Big Data**
- ✓ **Fabric Data Engineering Model**
- ✓ **Fabric Components (Items)**
- ✓ **Microsoft Fabric: Advantages**
- ✓ **Cloud Warehouse & AI**
- ✓ **AI with CoPilot**
- ✓ **Azure Versus Fabric DWH**

Ch 2: Fabric Account, Workspace

- ✓ **Need for Fabric Workspace**
- ✓ **Workspace Creation Process**
- ✓ **Pins and New Items**
- ✓ **Item Categorization**
- ✓ **ETL, Storage, Analytical**
- ✓ **Streaming, Monitoring**
- ✓ **Compute & Separation**

Ch 3: Fabric Architecture

- ✓ **Intelligent Data Foundation**
- ✓ **Polaris Distributed Engine**
- ✓ **Stateless & Stateful**
- ✓ **Cache, Metadata, Xact & Data**
- ✓ **Fabric Tasks, Inputs & DAG**
- ✓ **State Machine & Statistics**
- ✓ **Hot Spot Recovery**

Ch 4: Fabric Warehouse

- ✓ **Fabric Warehouse Creation**
- ✓ **Fabric Warehouse Features**
- ✓ **Fabric Warehouse Properties**

- ✓ **Fabric Warehouse Limitations**
- ✓ **DWH Internal Operations**
- ✓ **Default Schemas & Objects**

Ch 5: Fabric Data Types

- ✓ **Realtime use of Fabric Houses**
- ✓ **Exact, Approximate Numbers**
- ✓ **Date and Time Data Types**
- ✓ **Fixed & Variable Length**
- ✓ **Binary & String Data Types**
- ✓ **Fabric Type Limitations**

Ch 6: SSMS Connections

- ✓ **Warehouse SQL Connection**
- ✓ **Database Engine Server**
- ✓ **Multi Factor Authentication**
- ✓ **Warehouse Artifacts**
- ✓ **Executing .SQL Scripts**
- ✓ **Testing Fabric Artifacts**

Ch 7: Fabric Caching

- ✓ **Fabric Caching Process**
- ✓ **In-memory Cache, Disk Cache**
- ✓ **Cache Types: LRU /MRU**
- ✓ **Cold Cache / Cold Run**
- ✓ **Realtime use of Caching**
- ✓ **Performance Advantages**
- ✓ **Warehouse Optimizations**

Ch 8: Fabric Statistics

- ✓ **Query Engine Options**
- ✓ **Statistics Types**
- ✓ **Leverage Statistics**
- ✓ **Auto, Manual Statistics**
- ✓ **Update Statistics**
- ✓ **Statistics Consistency**
- ✓ **Statistics Lists & Reports**

Ch 9: Time Travel

- ✓ **Continuous Data Protection**
- ✓ **Data Storage, Retention**
- ✓ **FOR TIMESTAMP AS OF**
- ✓ **Time Travel Scenarios**
- ✓ **Time Travel Implementation**

- ✓ **Time Travel on Queries**
- ✓ **Time Travel Limitations**

Ch 10: Aggregated Data Store

- ✓ **Options for Data Aggregations**
- ✓ **Save As table, Save As View**
- ✓ **Single Table Aggregations**
- ✓ **Multi Table Aggregations**
- ✓ **Dynamic Conditions**
- ✓ **Parameterized Aggregations**

Ch 11: Zero Copy Cloning

- ✓ **User Layer, Storage Layer**
- ✓ **Cloning & Parquet Files**
- ✓ **Synapse Data Warehouse**
- ✓ **Data History Retention**
- ✓ **Point In Time , Schema Level**
- ✓ **Zero Copy Cloning Limitations**

Ch 12: Fabric Security

- ✓ **Workspace Security**
- ✓ **Warehouse Security**
- ✓ **Item Security & Roles**
- ✓ **Adding AD Users**
- ✓ **Item Security Limitations**
- ✓ **MFA & Client Security**

Ch 13: Regular Expressions

- ✓ **REGEXP_LIKE**
- ✓ **REGEXP_REPLACE**
- ✓ **REGEXP_SUBSTR**
- ✓ **REGEXP_INSTR**
- ✓ **REGEXP_COUNT**
- ✓ **REGEXP_MATCHES**
- ✓ **REGEXP_SPLIT_TO_TABLE**

Ch 14: Fuzzy Logic & JSON

- ✓ **EDIT_DISTANCE**
- ✓ **EDIT_DISTANCE_SIMILARITY**
- ✓ **JARO_WINKLER_DISTANCE**
- ✓ **MATCH Operator**
- ✓ **JSON_OBJECT**
- ✓ **JSON_ARRAY**

- ✓ JSON_ARRAYAGG
- ✓ JSON_CONTAINS
- ✓ OPENJSON
- ✓ JSON_VALUE

Module 7: CoPilot & Git Hub

Ch 1: AI Concepts

- ✓ AI Introduction
- ✓ AI Concepts
- ✓ AI in SQL Server
- ✓ AI Workloads
- ✓ CoPilot Concepts

Ch 2: CoPilot Concepts

- ✓ CoPilot Architecture
- ✓ CoPilot with TSQL
- ✓ CoPilot in Fabric
- ✓ Model Context Protocol (MCP)
- ✓ GitHub Copilot
- ✓ MCP End Points

Ch 3: Security Concepts

- ✓ CoPilot & Security
- ✓ Always Encrypted
- ✓ Column Level Encryption
- ✓ Keys & Certificates
- ✓ Row Level Security
- ✓ GraphQL, REST, MCP endpoints

Ch 4: Data Events

- ✓ Event Management
- ✓ Change Event Stream (CES)
- ✓ Change Data Capture (CDC)
- ✓ Change Tracking
- ✓ Azure Functions
- ✓ Fabric Integrations

Module 8: DP 800 Exam Guidance

- 👉 DP 800 Exam Guidance
- 👉 DP 800 Exam Samples
- 👉 DP 800 Exam Mocks

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