



Databricks Developer Training

100% Hands-On, Job Oriented

- Module 1: SQL Server TSQL (MS SQL) Queries
 - Module 2: TSQL Programming (Development)
 - Module 3: Python Programming
 - Module 4: Databricks Development
 - Module 5: Realtime Project For Resume
- 👍📅 Total Duration: 3 Months

<p>👤*Why SQL School:* 👤</p> <ul style="list-style-type: none">✓ Exclusively into SQL, AI Technologies✓ 19+ Years of Continued Trust✓ ISO Certified, MSME Regd.✓ 120+ MNC Clients	<p>👤*We assure you:* 👤</p> <ul style="list-style-type: none">✓ Step-by-step Practical Classes✓ 100% Interactive, Detailed Notes✓ Real-Time Projects✓ Resume & Job Assistance
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👤 Detailed Course Content 👤

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

Module 1: SQL Server TSQL (MS SQL) Queries

Ch 1: Databricks Job Roles

- ✓ Introduction to Data
- ✓ Databricks Job Roles
- ✓ Databricks Developer Job Roles

Ch 2: Database Intro & Installations

- ✓ Database Types (OLTP, DWH, ..)
- ✓ DBMS: Basics
- ✓ SQL Server 2025 Installations
- ✓ SSMS Tool Installation
- ✓ Server Connections, Authentications

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..

Ch 5: 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, Variables

Ch 6: Excel Data Imports

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

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 – Level 1

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

Ch 9: Normal Forms & RDBMS – Level 2

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

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: Views & RLS

- ✓ Views: Realtime Usage
- ✓ Storing SELECT in Views
- ✓ DML, SELECT with Views
- ✓ RLS: Row Level Security
- ✓ Important System Views

Ch 12: Stored Procedures

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

Ch 13: 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 14: 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 15: Transactions & ACID

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

Ch 16: 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 17: Indexes Basics, Tuning

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

Ch 18: Group By Queries

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

Ch 19: Joins with Group By

- ✓ Joins with Group By
- ✓ 3 Table, 4 Table Joins
- ✓ Join Queries with Aliases
- ✓ Join Queries & WHERE
- ✓ Join Queries & Group By
- ✓ Joins with Sub Queries
- ✓ Query Execution Order

Ch 20: Sub Queries

- ✓ Sub Queries Concept
- ✓ Sub Queries & Aggregations

- ✓ Joins with Sub Queries
- ✓ Sub Queries with Aliases
- ✓ Sub Queries, Joins, Where
- ✓ Correlated Queries

Ch 21: Cursors & Fetch

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

Ch 22: Window Functions, CASE

- ✓ IIF Function and Usage
- ✓ CASE Statement Usage
- ✓ Window Functions (Rank)
- ✓ Row_Number ()
- ✓ Rank (), DenseRank ()
- ✓ Partition By & Order By

Ch 23: Merge (Upsert) & CASE, IIF

- ✓ Merge Statement
- ✓ Upsert Operations with Merge
- ✓ Matched and Not Matched
- ✓ IIF & CASE Statements
- ✓ Merge Statement inside SPs
- ✓ Merge with OLTP & DWH

Ch 24: 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 25: Cursors & Fetch

- ✓ Cursors: Realtime Usage
- ✓ Fetching & Paginations
- ✓ Identify Nth Row of a table
- ✓ 3rd Highest and Row Filters
- ✓ Cursors Declaration
- ✓ Cursors Types
- ✓ Close, Deallocations

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: 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 5: 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 6: 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 7: Server Architecture

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

Ch 8: 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: Python

Ch 1: Python Introduction

- ✓ Python Introduction
- ✓ Python Versions
- ✓ Python for Data Professionals

Ch 2: Python Architecture

- ✓ Python Architecture
- ✓ PVM: Python Virtual Machine
- ✓ Execution Process
- ✓ Python Implementations

Ch 3: Python Installations

- ✓ Python Introduction
- ✓ Python Installations
- ✓ Anaconda Installation

- ✓ Python IDE & Usage
- ✓ Jupyter Notebooks

Ch 4: Python Print Statement

- ✓ Python Print Statement
- ✓ print(), print()
- ✓ Single Line print()
- ✓ Multi Line print()
- ✓ print() with single quotations

Ch 5: Python Variables

- ✓ Python Variables
- ✓ Purpose & Rules
- ✓ Variable Value Reads
- ✓ Multiple Variables & Print()

Ch 6: Python Operators

- ✓ Arithmetic * & Multiplier Operators
- ✓ Python String Literals
- ✓ Single, Double Quotes
- ✓ Format Strings (f string)
- ✓ Comparison, Indexing Operators

Ch 7: Python Data Types

- ✓ Python Data Types
- ✓ Integer, Float, String Data Types
- ✓ Type Casting, Type Identification
- ✓ Multi Value Assignments
- ✓ Python Built-In Classes (data types)

Ch 8: Python Lists

- ✓ Creating Python Lists
- ✓ Printing List Items
- ✓ Length & Type
- ✓ list() method
- ✓ Empty Lists, Append
- ✓ Loops, List Updates

Ch 9: Python Dictionaries

- ✓ Python Dictionary
- ✓ Creating, Indexing Dictionaries
- ✓ Edit / Overwrite Key Values
- ✓ Lists inside Dictionaries
- ✓ Delete & Clear

Ch 10: Python Tuples

- ✓ Python Tuples
- ✓ Defining, Indexing
- ✓ Length(), Type()
- ✓ Mixed Values in Tuples
- ✓ Overwriting Tuples
- ✓ Tuple Class, (())

Ch 11: Python IF..ELSE Condition

- ✓ If..Else conditions
- ✓ if..elif..else & Shorthand if
- ✓ composite conditions
- ✓ Indent, pass statement
- ✓ in & negation operators
- ✓ range conditions

Ch 12: Python Loops (For)

- ✓ Python For Loop
- ✓ For Loop @ Range
- ✓ For Loop @ Sequence Values
- ✓ Nested Loops
- ✓ Loop Control Statements
- ✓ Break, Continue, Paas

Ch 13: Python Loops (While)

- ✓ While Loop
- ✓ Termination Checks (Expressions)
- ✓ Variables, Logical Conditions
- ✓ Loop Conditions, Operators
- ✓ Exit Conditions
- ✓ iter() and Looping Options

Ch 14: Python Dataframes

- ✓ Dataframes: Creation
- ✓ Pandas Dataframes
- ✓ Dataframes From Single List
- ✓ Dataframes from Dictionary
- ✓ Display Dataframes, List Items
- ✓ Identify, Replace Nulls, NumPy

Ch 15: Python SQL DB Access

- ✓ SQL DB Access with Python
- ✓ import pandas.DataFrame
- ✓ pyodbc module, sql functions

- ✓ SQL DB Cursor Connections
- ✓ SQL Query Executions: DDL, DML
- ✓ Filters, Aggregations with SQL
- ✓ Dataframe Usage with SQL

Ch 16: Dataframe Transformations - 1

- ✓ Dataframe Transformations
- ✓ Concat & Append
- ✓ Merge Function
- ✓ Join with Multiple Dataframes
- ✓ Indexing Operations
- ✓ Data Type Checks, Conversions
- ✓ Loops with Dataframes

Ch 17: Dataframe Transformations - 2

- ✓ Pandas - Cleaning Data
- ✓ Replace, Transform Columns
- ✓ Data Discovery & Column Fill
- ✓ Identify & Remove Duplicates
- ✓ dropna(), fillna() Functions
- ✓ Data Plotting & matplotlib Lib

Ch 18: Python Functions & Lambda

- ✓ Python Functions & Usage
- ✓ Function Parameters
- ✓ Default & List Parameters
- ✓ Python Lambda Functions
- ✓ Recursive Functions, Usage
- ✓ Return & Print @ Lambda

Ch 19: Python File Handling

- ✓ File Handling, Activities
- ✓ Loop, Write, Close Files
- ✓ Appending, Overwriting
- ✓ import os, path.exists
- ✓ f.open, f.write
- ✓ f.read, f.close

Ch 20: Python Modules

- ✓ Import Python Modules
- ✓ Built In Modules & dir
- ✓ datetime module in Python
- ✓ Date Objects Creation
- ✓ strftime Method & Usage
- ✓ imports & datetime.now()

Ch 21: Python User Inputs & TRY

- ✓ Try Except, Exception Handling
- ✓ Raise an exception method
- ✓ TypeError, Scripting in Python
- ✓ Python User Inputs
- ✓ Python Index Numbers
- ✓ input() & raw_input()

Ch 22: Python Dictionary

- ✓ Dictionary Creation, Use
- ✓ Hashing, Copy, Update
- ✓ Deletion, Sorting
- ✓ Len(), Inbuilt Functions
- ✓ Cmp() List Method
- ✓ Python Dictionary Str(dict)
- ✓ Programming Concepts
- ✓ Loops and Sets

Ch 23: Python Packages

- ✓ Package in Python
- ✓ Creating a package
- ✓ Package Imports, Modules
- ✓ Sub Packages Creation
- ✓ Sub Package Imports
- ✓ Popular Packages in Python
- ✓ NumPy & SciPy
- ✓ Libraries in Python
- ✓ Seaborn, Fameworks

Ch 24: Exception Handling

- ✓ Shell Script Commands
- ✓ OS operations in Python
- ✓ File System Shell Methods
- ✓ os - math - cmd -csv - random
- ✓ Numpy (numerical python)
- ✓ Pandas - sys - Matplotlib
- ✓ Common RunTime Errors
- ✓ Exception Handling
- ✓ Try...Except...else, Try...finally

Ch 25: Python Class & Objects

- ✓ Class variables, Instances
- ✓ Built in Class Attributes
- ✓ Objects - Constructors

- ✓ Modifiers - Self Variable
- ✓ Python Garbage Collections
- ✓ Hierarchical Inheritance
- ✓ Multilevel, Multiple, Hybrid
- ✓ Overloading & OverRiding
- ✓ Polymorphism– Abstraction

Ch 26: Regular Expressions

- ✓ Regular Expression
- ✓ Regular Expression Patterns
- ✓ Literals - Repetition Cases
- ✓ Groups and Grouping
- ✓ w+ and ^, \s Expressions
- ✓ re.split function
- ✓ Regular expression methods
- ✓ re.match() in Regular Expr
- ✓ re.search(), re.findall for Text

Ch 27: Multi-Threading

- ✓ Python Multi-Threading
- ✓ Thread Synchronization
- ✓ Python Gil & Programming
- ✓ Thread Control Block (TCB)
- ✓ Stack Pointers & App Usage
- ✓ Program Counters in Realtime
- ✓ Thread State Concept
- ✓ Python Exception Handling

Ch 28: Python TKinter

- ✓ Tkinter GUI Program
- ✓ Components & Events
- ✓ Adding Controls in Tkinter
- ✓ Radio & Check Buttons
- ✓ Tkinter Forms in Realtime
- ✓ List Boxes, Menu, ComboBox
- ✓ Mainloop () & Functions

Ch 29: Python Web & IoT Intro

- ✓ Python Web Frameworks
- ✓ Django: Advantages
- ✓ Web Framework
- ✓ MVC and MVT - Django
- ✓ Web Pages using python
- ✓ HTML5, CSS3 usage

- ✓ PYTHON Bottle & Pyramid
- ✓ Falcon; smart_open in python

Module 4: Databricks

Ch 1: Databricks Introduction

- ✓ Cloud ETL, DWH
- ✓ Cloud Computing
- ✓ Databricks Concepts
- ✓ Databricks Advantages
- ✓ Databricks Key Features
- ✓ Big Data in Cloud
- ✓ Databricks Account

Ch 2: Databricks Architecture

- ✓ Unified Cloud Platform
- ✓ Unity Catalog
- ✓ Apache Spark
- ✓ LakeHouse (Cloud)
- ✓ Volumes, Files & Tables
- ✓ Control Pane, Compute Pane
- ✓ Deployment Modes
- ✓ Cloud Providers: Azure/AWS/Google
- ✓ Azure Cloud: Advantages
- ✓ Databricks Runtime (DBR)
- ✓ RDD & DAG Components
- ✓ Databricks One: Hadoop, Map Reduce

Ch 3: Spark Cluster Architecture (Cloud Computing)

- ✓ Spark Components
- ✓ Apache Spark Clusters
- ✓ Cloud Computing Concepts
- ✓ Classic Cluster Types
- ✓ Serverless Clusters
- ✓ Compute Operations
- ✓ Apache Spark Ecosystem
- ✓ Drive Node, Worker Node
- ✓ Cluster Manager & Executors

Ch 4: Unity Catalog

- ✓ Unity Catalog Concepts
- ✓ Region, Properties
- ✓ Databricks Workspace UI
- ✓ Organizing Workspace Objects
- ✓ File Uploads
- ✓ Spark Table Creations

- ✓ Creating Volumes
- ✓ UI: Limitations

Ch 5: Spark SQL - 1

- ✓ Spark SQL Notebooks
- ✓ Creating Schemas, Tables
- ✓ Spark Data Types
- ✓ Data Partitioning
- ✓ Managed Tables
- ✓ SQL Queries with the PySpark API
- ✓ Union, Views in Spark
- ✓ Dropping Objects

Ch 6: Spark SQL - 2

- ✓ Spark Joins
- ✓ Aggregations
- ✓ Math, Sort Functions
- ✓ String, DateTime Functions
- ✓ Conditional Statements
- ✓ SQL Expressions with `expr()`
- ✓ Spark SQL Aggregations

Ch 7: Spark SQL - 3

- ✓ Spark Time Travel
- ✓ Data Recovery & Undo
- ✓ Version Number
- ✓ Describe
- ✓ Describe Extended
- ✓ TimeStamp As Of Concept

Ch 8: Python Intro & Print

- ✓ Python Introduction
- ✓ Python Versions
- ✓ Python Implementations
- ✓ Python in Spark (PySpark)
- ✓ Python `Print()`
- ✓ Single, Multiline Statements

Ch 9: Python Variables

- ✓ Defining Variables
- ✓ Using Variables
- ✓ Printing Variables
- ✓ Display Variables
- ✓ Variable Types
- ✓ Multi Value Variables
- ✓ Multi Value Assigning

- ✓ If ... Else Statement

Ch 10: Python Operators

- ✓ Integer Operators
- ✓ String Operators
- ✓ Arithmetic Operators
- ✓ Assignment Operators
- ✓ Comparison Operators
- ✓ Formatted Strings
- ✓ Indexing Operators
- ✓ Short Hand If, OR, AND
- ✓ ELIF and ELSE IF Statements

Ch 11: Python Data Types

- ✓ Python Data Types
- ✓ Integer / Int Data Types
- ✓ Float, String Data Types
- ✓ List Data Type
- ✓ List Items, Indexes
- ✓ Tuple Data Type
- ✓ Dictionary Data Type

Ch 12: Python Dataframes

- ✓ Pandas Module (Python)
- ✓ Dataframes from Lists
- ✓ Dataframe from Dict
- ✓ Pandas Dataframes
- ✓ Dataframe print, display
- ✓ Dataframe from Files
- ✓ spark.read.csv()
- ✓ spark.read.format()

Ch 13: Medallion Architecture

- ✓ Understanding Medallion Concepts
- ✓ Bronze, Gold and Silver
- ✓ Raw Data
- ✓ Data Preparation (Prepping)
- ✓ Temporary Views
- ✓ Aggregated Data Flow
- ✓ Big Data Analytics

Ch 14: PySpark: Medallion Loads - 1

- ✓ Reading from Volumes
- ✓ Dataframes, Temp Views

- ✓ Data Prep (Silver)
- ✓ Filtering DataFrame Records
- ✓ Removing Duplicate Records
- ✓ Sorting and Limiting Records
- ✓ Spark SQL Dataframes
- ✓ Gold Layer Implementation
- ✓ Testing Aggregated Loads

Ch 15: PySpark: Medallion Loads - 2

- ✓ Azure SQL DB Connections
- ✓ JDBC & Credentials
- ✓ SQL Queries in PySpark
- ✓ Data Prep (Silver)
- ✓ Filtering Null Values
- ✓ Grouping and Aggregating
- ✓ Spark SQL Dataframes
- ✓ Gold Layer Implementation
- ✓ Testing Aggregated Loads

Ch 16: PySpark: Delta Tables

- ✓ Delta Tables (Spark)
- ✓ Parquet Versus Delta
- ✓ Deleting and Updating Records
- ✓ Table Utility Commands
- ✓ Delta Transaction Log

Ch 17: PySpark: SCD

- ✓ Slowly Changing Dimension
- ✓ Parquet Versus Delta
- ✓ Deleting and Updating Records
- ✓ Table Utility Commands
- ✓ Merge Into Statement
- ✓ Incremental Loads
- ✓ Merge with OLTP Data Sources
- ✓ Merge Temp Views & Spark Table

Ch 18: PySpark: Widgets

- ✓ Need for Widgets
- ✓ Text Widgets
- ✓ User Parameters
- ✓ Manual Executions
- ✓ Parameters & JSON

Ch 19: Lake Flow Jobs

- ✓ Workflows & CRON
- ✓ Job Compute, Running Tasks

- ✓ Python Tasks (Notebooks)
- ✓ Parameters into Notebook Tasks
- ✓ Parameters into Python Script Tasks
- ✓ Concurrent Executions, Dependencies
- ✓ Branching Control with the If-Else Task

Ch 20: Databricks Tuning

- ✓ OPTIMIZE
- ✓ VACUUM
- ✓ Lazy Evaluation
- ✓ Caching, Data Shuffling
- ✓ Broadcast Joins
- ✓ Data Skipping
- ✓ Z Ordering
- ✓ Liquid Clustering
- ✓ Spark Configurations

Ch 21: Databricks Security

- ✓ Databricks Security
- ✓ MFA (Multi Factor Authentication)
- ✓ IAM (Identity & Access Management)
- ✓ ACL Concepts
- ✓ Workspace Users & Groups
- ✓ Workspace Security
- ✓ Notebook Security
- ✓ Job Security
- ✓ Cluster Access Control

Ch 22: Auto Loader - 1

- ✓ File Incremental Loads
- ✓ Cloud Files
- ✓ Cloud File Processing
- ✓ Checkpoint Files
- ✓ Creating Directories in Volumes
- ✓ Reading Streams with Auto Loader
- ✓ Workspace Modules
- ✓ Testing Auto Loader (Initial Loads)

Ch 23: Auto Loader - 2

- ✓ Metadata & WithColumns
- ✓ Schema Evolution
- ✓ addNewColumns
- ✓ Rescue
- ✓ FailOnNewColumns
- ✓ Writing to a Data Stream
- ✓ Testing Auto Loader (Incremental Loads)

Ch 24: Delta Lake & SDP (LakeFlow)

- ✓ Delta Lake Concepts
- ✓ Lakeflow SDP
- ✓ Declarative Pipelines
- ✓ Streaming Tables
- ✓ CDC: Change Data Capture
- ✓ Bronze Tables
- ✓ Silver Tables, Timestamp
- ✓ Gold Tables
- ✓ Big Data Analytics
- ✓ SDP (Spark Data Pipelines)
- ✓ Exploratory Data Analysis

Ch 25: Version Control & GitHub

- ✓ Local Development
- ✓ Runtime Compatibility
- ✓ Git and GitHub Pre-requisites
- ✓ Git and GitHub Basics
- ✓ Linking GitHub and Databricks
- ✓ Databricks Git Folders
- ✓ Project Code to GitHub
- ✓ Adding Modules to the Project Code
- ✓ Databricks Job Updates, Runs

Ch 26: Realtime Project @ Ecommerce / Banking / Sales

- ✓ Detailed Project Requirements
- ✓ Project Solutions
- ✓ Project FAQs
- ✓ Project Flow
- ✓ LakeBridge
- ✓ Interview Questions & Answers
- ✓ Resume Guidance (1:1)



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14. Gen AI, more...

Trending Jobs

- ← Data Analyst
- ← Business Analyst
- ← Data Engineer
- ← SQL Developer
- ← SQL DBA
- ← ETL Admin
- ← Data Scientist








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