

FULL CURRICULUM • 2026

SQL

The one data skill every single tech job asks for.

Every module, every lesson — the complete syllabus, end to end.

16

MODULES

27

LESSONS

3

MONTHS

₹10,500

FULL PROGRAMME

What this course covers

1

Level 1 • Beginner

Introduction to DBMS • SQL Commands • Aggregate Functions

1 month • 5 modules • 8 lessons • ₹2,500

2

Level 2 • Intermediate

Case Statements • Date Functions • Set Operators

1 month • 5 modules • 5 lessons • ₹3,500

3

Level 3 • Advanced

Window Functions • Normalization • ACID Properties

1 month • 6 modules • 14 lessons • ₹4,500

The whole journey

This is the complete syllabus for SQL — 16 modules and 27 lessons, in the order you will learn them. The level markers show how far each stage carries you, but the curriculum runs as one continuous path from the first lesson to the last.

1

LEVEL 1

Beginner

Introduction to DBMS · SQL Commands · Aggregate Functions

1 month · 5 modules · 8 lessons · ₹2,500

- **1. Introduction to DBMS** 1 lessons
 - DBMS
- **2. SQL Commands** 2 lessons
 - Overview of SQL Commands
 - Detailed Study of SQL Command Types (DDL, DML, DCL, TCL)
- **3. SQL Fundamentals (Sorting, Filtering, Logical Operators, String Operators)** 1 lessons
 - SQL Basics
- **4. Aggregate Functions** 1 lessons
 - Aggregate Functions (Common Aggregate Functions, Group By and Having Clauses, Use of Coalesce and Other Functions)
- **5. Joins (Inner Join, Left Join, Right Join, Full Join, Self Join, Cross Join)** 3 lessons
 - Theoretical Understanding of Different Types of Joins
 - Practical Implementation of Joins
 - Practice Exercises on Joins

2

LEVEL 2

Intermediate

Case Statements · Date Functions · Set Operators

1 month · 5 modules · 5 lessons · ₹3,500

- **6. Case Statements** 1 lessons
 - Working with CASE Statements
- **7. Date Functions** 1 lessons
 - Date and Time Functions in SQL
- **8. Set Operators** 1 lessons
 - SET Operators (Union, Union All, Intersect, Minus/Except)
- **9. Sub Query** 1 lessons
 - Sub Queries (Correlated, Non Correlated)
- **10. CTE & View** 1 lessons
 - Common Table Expressions (CTEs) and Views

3

LEVEL 3

Advanced

Window Functions · Normalization · ACID Properties

1 month · 6 modules · 14 lessons · ₹4,500

- **11. Window Functions** 2 lessons
 - Rank Functions and Running Total
 - Lead and Lag Functions, Working with Window Frames
- **12. Normalization** 1 lessons
 - Database Normalization
- **13. ACID Properties** 1 lessons
 - ACID Properties in Database

- **14. Query Optimization** 1 lessons
 - Query Optimization Techniques(Indexing, Other Optimization Strategies)

- **15. Advanced Topics (Bonus)** 5 lessons
 - Import and Export ERD
 - Users & Privileges
 - Locking and Unlocking Tables
 - Variables
 - Stored Procedures

- **16. Final Project: Ecommerce Store -- Insights and Analytics** 4 lessons
 - General Sales Insights
 - Customer Insights
 - Product and Order Insights
 - Temporal Trends, Regional Insights, Return and Refund

Certificates & what comes next

You receive a certificate at the end of every level you finish. Join for a single level or the full programme — the choice is yours. Learners who stand out may be invited to work on live client projects as interns; these places are merit-based, limited, and depend on projects being available.