

# Structured Query Language:

In this course, you'll learn about creating a Sql Database table queries and the basic syntax of the SQL language, as well as database design with multiple tables, foreign keys, and the JOIN operation with live example.

## Syllabus:

### Module 1: Basic Concepts

1. Introduction to Databases
2. SQL Statements: SELECT
3. SQL Syntax Rules
4. Selecting Multiple Columns
5. DISTINCT and LIMIT
6. Sorting Results

### Module 2: Filtering, Functions, Subqueries

7. The WHERE Statement
8. Filtering with AND, OR
9. IN, NOT IN Statements
10. Custom Columns
11. Functions
12. Subqueries
13. LIKE and MIN

### Module 3: JOIN, Table Operations

14. Joining Tables
15. Types of Join
16. UNION
17. The INSERT Statement
18. UPDATE and DELETE Statements
19. Creating a Table
20. NOT NULL and AUTO\_INCREMENT
21. Alter, Drop, Rename a Table
22. Views

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