



**TRUSTED BY 2.5 LAKH+ STUDENTS  
PARTNER WITH 4000+ COMPANIES**

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# WHY NEXUS'S PLACEMENT GUARANTEED PROGRAM

INDUSTRY STANDARDS  
CURRICULUM BY EXPERTS

**4000+**

PARTNER COMPANIES

**100%**

FULLY REFUNDABLE

**100%**

ASSURANCE  
PLACEMENT

**UPTO 25 LPA**

SALARY JOB

COMPLETELY **LIVE**

TOP INDUSTRY  
EXPERTS



# WHY CHOOSE US ?



## NEXUS

Industry standards curriculum by experts



Completely **Live** Classes



Job Assurance

upto 12 LPA

100% Refundable



Placement Training

Resume building, Mock Interviews

Partner Companies

Exclusive access to 4000+ Partner companies

Avg. Package

6 LPA

Fee Structure

Rs 30,000 (Most Affordable in the market with Highest ROI)

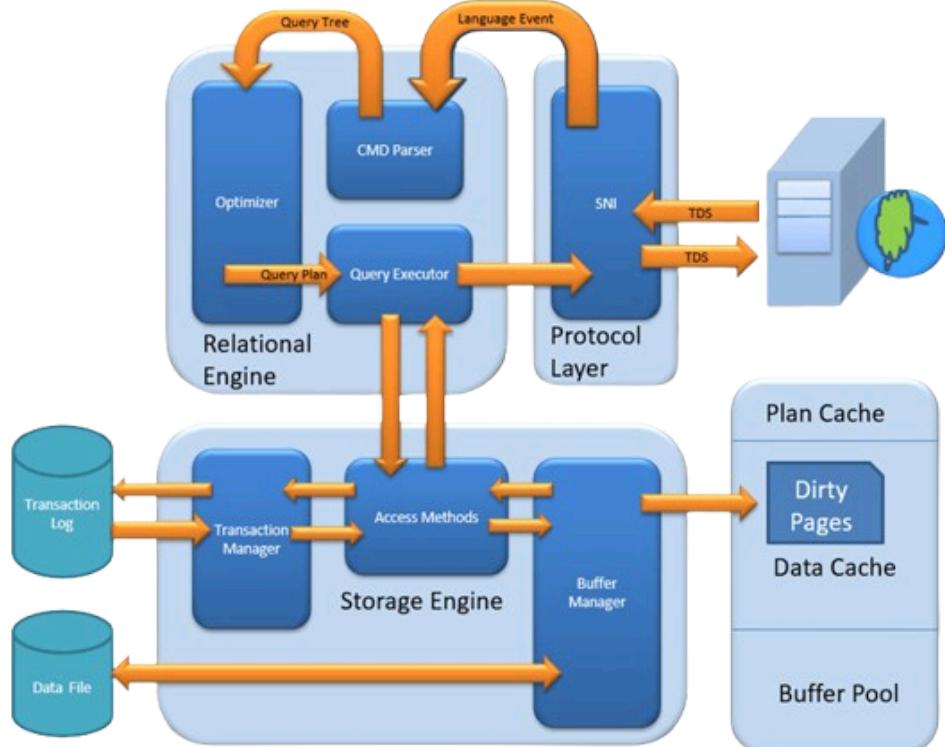


We are partner with 4000+ companies and  
we are just growing more





## PROGRAM CURRICULUM



# WHO CAN DO THIS COURSE ?

This SQL course is designed for students, professionals, and beginners who want to master database querying and management. It is ideal for software developers, data analysts, business intelligence professionals, and anyone working with data. The course covers SQL basics, advanced queries, data manipulation, and database optimization techniques. Non-IT professionals in fields like finance, marketing, or HR can also benefit by learning to analyze data and generate insights. With no prior experience required, this course equips participants with essential skills to work with relational databases and supports data-driven decision-making in any domain.

# WHAT YOU GET ?

- 3 months training on SQL
- Placement starts after 3 months
- 90 hrs of learning | Completely **LIVE**
- 100% Guaranteed placement after program completion
- projects + Capstone projects
- Flexible curriculum + Lifetime access + Certificate

# **SQL**

Nexus is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program. We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too. If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose Nexus. With Nexus, your IT dream will definitely come into reality. Please go through the long list of our student reviews.

## **Module 1: Introduction to SQL and Databases**

- What is SQL?
- Overview of Relational Databases
- Types of Databases: SQL vs. NoSQL
- Introduction to RDBMS (Relational Database Management System)
- Tools for SQL Practice (MySQL, SQL Server, PostgreSQL, etc.)

## **Module 2: SQL Basics**

- Understanding Databases, Tables, and Records
- Data Types in SQL
- Basic SQL Commands: SELECT, INSERT, UPDATE, DELETE
- Filtering Data with WHERE Clause
- Sorting Data with ORDER BY
- Basic Operators (=, !=, >, <, IN, BETWEEN, LIKE)

## **Module 3: Working with Multiple Tables**

- Understanding Primary and Foreign Keys
- Joins in SQL:
  - Inner Join
  - Left Join
  - Right Join
  - Full Outer Join
- Cross Joins and Self Joins
- Combining Queries with UNION and INTERSECT

## **Module 4: Advanced Data Retrieval**

- Aggregate Functions: COUNT(), SUM(), AVG(), MAX(), MIN()
- Grouping Data with GROUP BY
- Filtering Groups with HAVING Clause
- Subqueries and Nested Queries
- Using CASE Statements for Conditional Logic

## **Module 5: Data Manipulation and Transactions**

- Inserting Data into Tables (INSERT)
- Updating and Deleting Data (UPDATE, DELETE)
- Transactions: BEGIN, COMMIT, ROLLBACK
- Managing Null Values

## **Module 6: Database Design and Normalization**

- Basics of Database Design
- Understanding Normalization (1NF, 2NF, 3NF)
- Denormalization and When to Use It
- Indexing for Performance Optimization
- Creating and Altering Tables

## **Module 7: Views and Stored Procedures**

- Creating and Managing Views
- Advantages of Views
- Introduction to Stored Procedures
- Writing and Executing Stored Procedures
- Using Parameters in Procedures

## **Module 8: Functions and Triggers**

- Built-in SQL Functions (String, Date, Numeric)
- User-defined Functions
- Introduction to Triggers
- Creating and Managing Triggers

## **Module 9: Performance Tuning and Optimization**

- Indexing Strategies
- Query Execution Plans
- Optimizing Complex Queries
- Managing Large Datasets
- Best Practices for Writing Efficient Queries

## **Module 10: SQL for Data Analysis**

- Using SQL for Exploratory Data Analysis (EDA)
- Advanced Aggregate Queries
- Data Cleaning and Transformation
- Combining SQL with BI Tools (Power BI, Tableau)

## **Module 11: Security and Administration**

- User Roles and Permissions
- Securing Databases with Authentication
- Data Encryption Techniques
- Backing Up and Restoring Databases

## Module 12: Hands-on Projects

- Building and Querying a Relational Database
- Real-world Use Cases (e.g., E-commerce, Inventory Management, HR Database)
- Performance Optimization Exercises
- Integration of SQL with Applications



**Fee Structure ₹30,000**

**EMI Options Available (Fill the form & talk to team)**

**Fill the Course Application form**

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**Write to us at team contact@Nexus-ctc-llp**

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**To know more about Nexus's PGP**

**[www.nexusctc.com](http://www.nexusctc.com)**