



T E C H N O L O G I E S

SQL

Certification Course
Brochure

GIGASOFT TECHNOLOGIES

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STRUCTURED QUERY LANGUAGE

ABOUT SQL

- SQL is used to access & manipulate the records from the database.
- Widely used by almost all DBMS Softwares such as MySQL, Oracle, PostgreSQL, IBM DB2, Informix, Microsoft SQL Server, MariaDB, etc
- Applications: Banks, Railway-Bus-Flight Ticket Booking, E-commerce platforms, Telecommunication, ERP, CRM, majority of Softwares which are data oriented.
- Used for Data Analytics and Reporting

THE COURSE IS FOR

- Professionals & Students who are willing to make career as Data Scientists, Database Developer, DB Admins, Business Analysts, Data Analysts, Big Data Experts, and Big Data Architects, Full Stack Developers
- Students appearing for interviews and competitive exams.

STRUCTURED QUERY LANGUAGE

COURSE STRUCTURE

- It's a workshop.
- All concepts will be explained with hands on, by taking a real life example of E-Commerce platform.
- Duration: 15 Hours
- Fees: 7,000/- INR. (Group Discount: 20% above 10 participants)
- Mode: Online – Zoom
- Course completion & Performance certificate will be provided.

TRINER PROFILE

Ketan Pachpande

Founder, Gigasoft Technologies

10+ Years of Software industry experience
as Developer.

7000+ Hours of Teaching experience.



Education: Computer Science Engineer

MTech : IIT Kharagpur

BTech : VJTI, Mumbai



For Enrolment, Call: +91 8149913390



Course Outline

1. Introduction to SQL – What and Why
2. Setup
3. DBMS Concepts before we start SQL
 - Database
 - Relations or Tables
 - Keys: Primary and Foreign Key
 - Indexing
3. DB and Table Operations:
 - CREATE DATABASE - creates a new database
 - ALTER DATABASE - modifies a database
 - CREATE TABLE - creates a new table
 - ALTER TABLE - modifies a table
 - DROP TABLE - deletes a table
 - CREATE INDEX - creates an index (search key)
 - DROP INDEX - deletes an index
4. CRUD Operations for Data Manipulation
 - Create - INSERT INTO
 - Read - SELECT
 - Aliases, CONCAT
 - Update - UPDATE
 - Delete – DELETE
5. Where Clause
 - AND, OR and NOT operators
6. Order by – For sorting the result set

STRUCTURED QUERY LANGUAGE



Course Outline (Continued)

7. NULL values
8. TOP and LIMIT
9. Min, Max, Avg, Count, Sum
10. Like, wildcard: %, for string matching
11. IN, Between for selecting the range of values
12. Foreign Key
13. Joins : Inner, left, right, full
14. Group by
15. having

For Admissions,

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