

What is SQL?

SQL, short for Structured Query Language, is a highly sought-after programming language used for managing data within relational databases.

**Do you want to get a
Software Job?**

LEARN SQL IN 30 DAYS WITH ZERO IT KNOWLEDGE

About the SQL Trainer

Mohammed [Safder Ali](#) brings 27 years of IT experience as a database professional, having worked in the USA, Canada, Kuwait, Saudi Arabia, UAE, and India.

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FREQUENTLY ASKED QUESTIONS

Should I Learn SQL?

We consider SQL to be the simplest entry point into the software field among hundreds of diverse job roles in the IT industry.

How long does it take?

Beginners who participate in our Zoom classes and successfully complete all 15 projects with the guidance of your assigned personalized coach / mentor can expect to finish the program in 1 to 3 months.

Is it easy to learn SQL Programming?

At Tansy Academy, we offer the best SQL classes designed for students with no prior IT experience, including our SQL certification class. Our approach focuses on employing diverse [teaching techniques](#) to facilitate a thorough understanding of SQL concepts.

Utilizing real-world examples, we ensure that everyone, regardless of background, can grasp the fundamentals of SQL effectively. With over 25 years of experience in SQL across various industries, we know exactly what it takes to excel in SQL interviews and land your first software job.

Join our best SQL courses today and kickstart your journey towards a successful career in IT.

When Should I learn SQL?

No matter your age or background—whether you're a recent graduate, current college student, seasoned accountant with 20 years of experience, or a school teacher—age and existing knowledge are not barriers. We can assist you in entering the IT field at any point in your career.

All we ask is that you commit time to our online Zoom classes and complete all assignments independently, without relying on ChatGPT.

JOB GUARANTEE SQL COURSE

Upon attending all of our Zoom classes, finishing all 15 assignments, engaging in our online quizzes, and excelling in our mock interviews, we assure you that you will pass SQL interviews successfully.

Discover the power of relational databases with our comprehensive range of courses covering PostgreSQL (Postgres db), Microsoft SQL Server (Database MS SQL and SQL Server), and MySQL (mysql and sql). Whether you're interested in post gres, MS SQL, or MySQL and MSSQL Server database, we have the perfect database training solution for you.



WHO THIS SQL COURSE IS FOR?

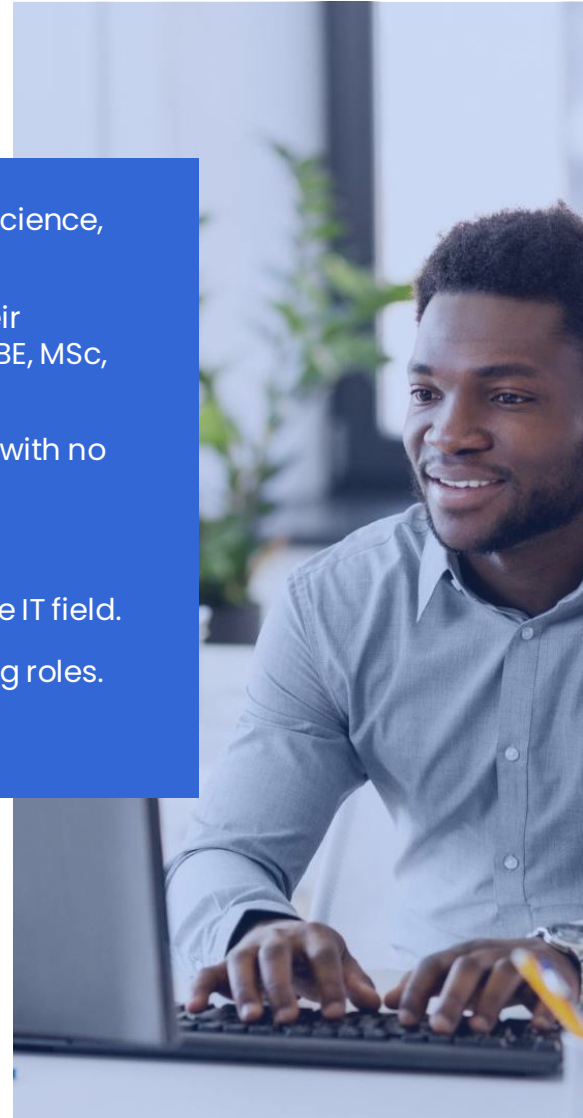
- Current bachelor's students in Arts, Accounts, Computers, Science, Maths, and other fields.
- Graduates (bachelor's degree holders) aiming to begin their careers in the IT industry. Students with BA, BSc, BEd, BTech, BE, MSc, MTech, or MCA backgrounds are all welcome.
- Teachers and lecturers seeking to transition into the IT field with no prior IT experience.
- Accountants interested in shifting to the IT sector.
- Sales and marketing executives looking to transition into the IT field.
- Data entry professionals seeking to move into programming roles.
- QA testers aiming to advance their careers.

REQUIREMENTS FOR THIS SQL CLASS INCLUDE:

- Access to a personal computer
- Time commitment towards zoom class and assignments
- Basic English communication skills
- No prior software knowledge

KEY TAKEAWAYS FROM OUR SQL TRAINING COURSES:

- Increased awareness of various software applications
- Fundamental understanding of data and databases
- Knowledge of SQL concepts
- Completion of an SQL capstone project
- Job search strategies, resume building, and interview skills
- During our SQL course you will be having the opportunity to concentrate on any one of the databases like MySQL, PostgreSQL, MS SQL Server and Oracle.



LEARN SQL WITH TANSY ACADEMY

- At tansy [we](#) have different training levels through which a student can crack SQL developer jobs.
- If you're new to SQL, make sure you start here with our most popular SQL course for beginners.
- We are specialized in training students from non IT background or bachelor students with zero experience.
- All our training levels are meant for you to progress in the course and stay supported even after you join your first IT job as SQL professional.
- The vast majority of software applications that use data, are backed by a good relational database system. This course will help to establish a base to those who want to begin learning Structured Query Language (SQL).

TANSY ACADEMY'S MULTILEVEL TRAINING METHODOLOGY

Level 1 - Live SQL Classes

We will provide morning and evening batches to accommodate students based on their busy schedules. During their [subscription](#) period, students can attend multiple [SQL batches](#)/classes.

Level 2 - Online SQL Content

All course content will be hosted online, including over 1000+ sample [SQL queries](#) available throughout the duration of the course. Lifetime access to the static course content will be provided free of charge.

Level 3 - Online Video Content

During the valid subscription period, students will have access to premium [sql video](#) content for each lesson. The videos for each class will be uploaded to the corresponding lessons online.



Level 4 – Online SQL Query Editor

We offer a comprehensive and robust online [SQL query tool](#), featuring a user-friendly interface and a wide array of features designed to enhance your database querying experience. With our tool, you can write and execute queries efficiently, visualize query results, and analyze data seamlessly, making it an indispensable resource for database professionals and learners alike.

You can bypass the painstaking process of installing MySQL Server, Postgres database, Oracle, or MSSQL Server on your computers by utilizing our online SQL query tool to execute queries against these databases seamlessly.

Level 5 – Online SQL Quiz

Within our SQL training program, you'll engage with more than 4000 [quiz questions](#), designed to evaluate your understanding and track your advancement. This method enables you to assess your proficiency and bolster your confidence for pursuing a role as an SQL developer. These quiz questions cover a range of database management systems including [PostgreSQL](#) (PgSQL), Microsoft SQL Server ([MS SQL](#)), [MySQL](#), and [Oracle](#).

Level 6 – Database Projects and Assignments

You will gain valuable hands-on experience by completing our 15+ mini [SQL assignments/projects](#).

Level 8 – SQL Capstone Project

You will participate in two real-world [database projects](#): one guided during Zoom classes & a final project to demonstrate your SQL skills independently.

Level 10 – Mock Interview

We will engage you in a couple of mock [interviews](#) to boost your confidence and prepare you for real-time interviews, increasing your ability to excel and succeed in them.

Level 7 – Live webapp coding

During the course, you will have exposure to real-world [LIVE](#) web applications and will be provided with REAL TIME SQL code examples for most of the SQL topics covered in the curriculum.

Level 9 – Personal Coach / Mentor

You will be paired with a dedicated mentor who will offer additional guidance to help you complete your assignments.

Level 11 – Online SQL Forum

An online SQL [forum](#) provides a collaborative platform where users can ask questions, share knowledge, and engage with a community of SQL enthusiasts and professionals. It's a valuable resource for troubleshooting SQL-related issues, learning new techniques, and staying updated on industry trends.

Level 12 – WhatsApp and Slack chats

We offer support to our SQL course students through dedicated WhatsApp and Slack chats, providing real-time assistance, clarifications, and additional guidance beyond the classroom. These communication channels facilitate interactive discussions and foster a supportive learning community among students and instructors.

Level 13 – Power BI

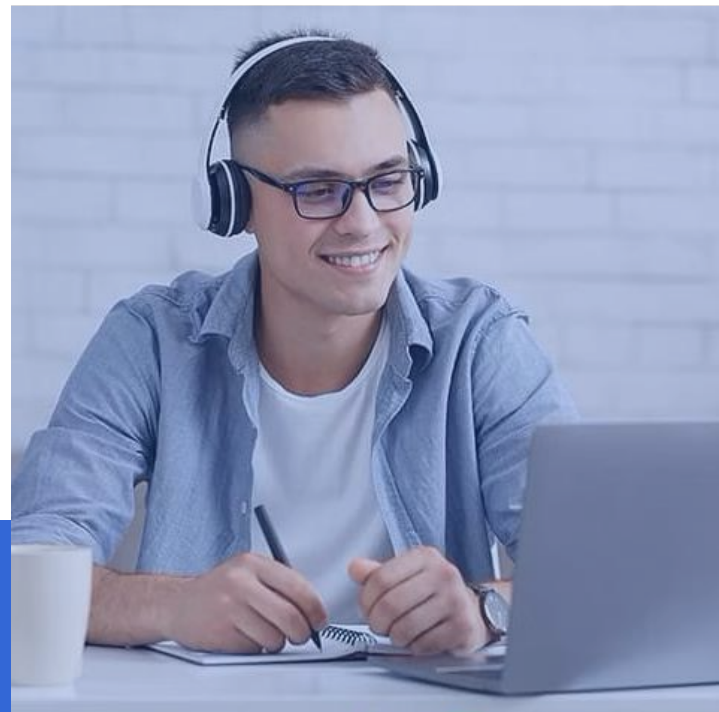
After completing the SQL query training courses, students will have the opportunity to pursue Power BI, enabling them to target various job roles such as BI analyst, Power BI developer, and Reports developer.

Level 15 – One Family

We consider our students as part of our extended family, sharing a common goal of securing new jobs in the IT field. Throughout this journey, you will have our full support, and we encourage you to stay connected even after securing a job to support our community

Level 14 – Internship

Students with premium subscriptions will undergo additional screening to qualify for [internship](#) opportunities at Tansy Cloud, a software development firm.



SQL Course Syllabus

Chapter 1: [Course Introduction](#)

Chapter 2: [Introduction to Software Applications](#) – Application Software, Software Development Life Cycle, Database Components, Database Platforms, GUI tools for SQL development, Tansy Cloud Business Application, 3 Assignments

Chapter 3: [Database Tables, Columns and Rows](#) – Database Table, Database Columns & Rows, What is SQL?, 2 Assignments

Chapter 4: Setup Sample Database – [Online SQL Editor](#), Database Hosting

Chapter 5: [DDL Data Definition Language](#) – CREATE TABLE, ALTER TABLE, DROP TABLE, Data Types, JSON Data Type, NULL vs NOT NULL, CHECK constraint, DEFAULT constraint, UNIQUE constraint, Auto Increment, 2 Assignment

Chapter 6: [DML](#) Data Manipulation Language – INSERT, SELECT INTO, UPDATE, UPSERT, DELETE, Truncate, 2 Assignments

Chapter 7: [DQL](#) Data Query Language – SELECT *, WHERE Clause, LIMIT, DISTINCT, ORDER BY, BETWEEN, CONCAT, IN, NOT IN, IS NULL, IS NOT NULL, OR, AND clause, > and < operator, <> or != (not equal), = (equal), LIKE, NOT LIKE, Select data using EXISTS, ANY, ALL, ALIAS output columns, GROUP BY, HAVING, COUNT, SUM, AVG, MIN, MAX, SQL CASE statement, INNER JOIN, LEFT JOIN, RIGHT JOIN, UNION, UNION ALL, SQL PIVOT, SQL subquery, Group Rank, Select JSON data, Arithmetic Operators, Comparison Operators, Logical Operators, STRING functions, DATE functions, NUMERIC functions, SQL Execution Order, CAST, COALESCE, 3 Assignments

Chapter 8: [RDBMS](#) Concepts – RDBMS, Primary key, Foreign key, Cardinality, Normalization – First Normal Form, Second Normal Form, Third Normal Form, Business key, Natural key, Candidate Key, Surrogate Key, Database Index, Index Types, Structured VS Unstructured, ERD (Data Model), 1 Assignment

Chapter 9: [Advanced](#) Topics – Database View, Database Stored Procedure, Database Function, Database Trigger

Chapter 10: Projects – SQL-Supported Project ([Gmail App](#)), SQL-Capstone Project ([Banking App](#))

TARGET DATABASE JOB ROLES

- *SQL Developer*
- *Database Developer*
- *Data Analyst*



TARGET SQL CERTIFICATIONS

Our SQL programming classes meant for sql programming certifications provide hands-on instruction and expert guidance, ensuring you excel in SQL programming training and earn your SQL certification. You can choose best sql certification that suits your requirements.

- Microsoft Certified: Azure Data Fundamentals
- Oracle Database SQL Certified Associate (1Z0-071)
- MySQL Database Developer Certified Professional

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