Introduction to SQL Programming Basics (TTSQL002)

Price: 1995

Duration: 3 days

Delivery Methods: Virtual

Overview

About this Course

SQL, or Structured Query Language, serves as the backbone of modern data management and manipulation. Understanding its principles allows technical professionals to create, maintain, and interrogate databases, giving them the power to make data-driven decisions that can shape the success of their organizations. From e-commerce platforms to complex inventory systems, SQL is the key to managing big data and transforming it into actionable insights.

Geared for experienced technical professionals, Introduction to SQL Programming is a three-day, hands-on course that will provide you with a solid understanding of SQL programming, providing you with the tools, techniques, and insights required to excel in database management and analysis.

Throughout the course, you'll learn how to handle data challenges with creativity and precision, learning how to extract, analyze, and interpret large datasets. This includes developing abilities to craft, interpret, and optimize SQL queries, analyze data, and implement effective database solutions, leading to informed, data-driven decision-making. You'll explore relational design principles, entity relationship diagrams, and the creation of efficient data models to represent complex relationships within data. The course also covers how to construct, interpret, and optimize SQL queries, including the use of functions, joins, subqueries, and advanced analytical techniques.

Through extensive lab work, you'll gain the foundational knowledge and practical skills required to tackle various data challenges with confidence and creativity. You'll exit the course equipped with the SQL knowledge and skills needed to craft, interpret, and optimize SQL queries, analyze data, and implement effective database solutions, leading to informed, data-driven decision-making within your organization.

NOTE: This course provides a complete, hands-on introduction to SQL including the use of both SQL Developer and SQL*Plus in some cases, however Oracle tooling is not the focus of the course, and other tooling or database options may be available. Please advise if you want to use another tool in class and we can coordinate alternative options with you in advance of the delivery.

Audience Profile

Basic Computer Literacy: Familiarity with operating systems, file management, and general computer navigation to ensure a smooth transition into learning SQL tools and environments. Understanding of Fundamental Data Concepts: A grasp of basic data concepts like tables, records, and fields would aid in understanding relational databases and how SQL operates within them. Basic technical background: Although specific prior scripting experience isn't required to attend, we recommend that you have a background in IT or other technical topics or skills

Prerequisites

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Course Schedule

Date	Time	Price	Options
07/27/2026	09:00 AM - 05:00 PM CT	1,995.00	**Buy Now Enroll**

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.