SQL Standard Intensive Training

Category: Software Development & Programming | **Vendor:** Various

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this training you will learn everything you need to know and be able to query your database on the basis of standard SQL-3.

About This Course

1. basic terms of relational databases

- Database
- Table (entities, attributes)
- Data types (value ranges)
- primary, foreign key
- Relations
- Data consistency, referential integrity
- View
- Index

2. basics about SQL

- History
- Application (basic concept)
- SQL Properties
- SQL Syntaxdiagram
- Naming conventions for objects

3. data retrieval, data evaluation and manipulation (DML)

- SELECT
- Simple queries
- Constant columns, calculated columns, aliases
- DISTINCT
- ORDER BY
- TOP
- WHERE
- Aggregate functions
- GROUP BY / HAVING
- JOIN (INNER, OUTER, FULL, Self, Cross)
- Subqueries
- UNION
- SELECT INTO

4. add data

- INSERT (VALUES, SELECT)
- UPDATE
- DELETE

5. data definition language (DDL)

- CREATE DATABASE
- CREATE TABLE
- Constraints (PRIMARY- , FOREIGN KEY, UNIQUE)
- DROP TABLE
- CREATE VIEW
- ALTER VIEW
- DROP VIEW
- CREATE PROCEDURE

6. data control language (DCL)

- Transaction Management
- COMMIT & ROLLBACK
- GRANT & REVOKE

Who Should Attend

Developers, analysts, businessmen and other interested persons who want to work with an SQL-capable database or create applications using the SQL possibilities of the database system. People who want to get well-founded information about SQL, its possibilities, limitations and meaning.

Prerequisites & Entry Requirements

General Prerequisites:

General practical experience with computers, pleasure in analytical thinking as well as abstraction and imagination. Basic knowledge of relational databases is advantageous

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After this training you will be able to query and modify all common relational databases with the standard tools.

Detailed Course Outline

Basic terms of relational databases (tables, data types, keys, relations, views, indexes)

Basics about SQL (history, properties, syntax)

Data retrieval and manipulation (DML): SELECT, DISTINCT, ORDER BY, WHERE, aggregate functions, GROUP BY/HAVING, JOINs, subqueries, UNION

Adding/modifying data: INSERT, UPDATE, DELETE

Data definition language (DDL): CREATE/ALTER/DROP TABLE, constraints, views, stored procedures

Data control language (DCL): Transaction Management, COMMIT, ROLLBACK, GRANT, REVOKE

Skills You Will Learn:

After this training you will be able to query and modify all common relational databases with the standard tools.

Frequently Asked Questions

Q: What delivery options are available for SQL Standard Intensive Training?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day SQL Standard Intensive Training course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SQL Standard Intensive Training training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SQL Standard Intensive Training?

Yes, we provide corporate training, dedicated training, and closed classes for SQL Standard Intensive Training. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: SQL Standard Intensive Training, SQL, SQL02

Q: Why choose Nexus Human for SQL Standard Intensive Training?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SQL Standard Intensive Training training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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