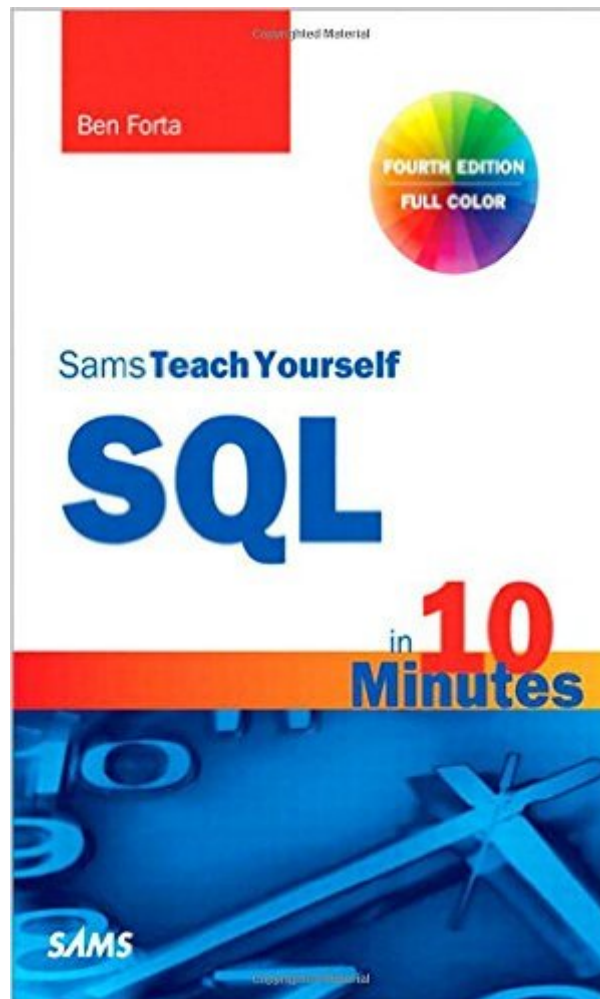# SQL In 10 Minutes, Sams Teach Yourself (4th Edition)

Synopsis

Sams Teach Yourself SQL in 10 Minutes, Fourth Edition   New full-color code examples help you see how SQL statements are structured   Whether you're an application developer, database administrator, web application designer, mobile app developer, or Microsoft Office users, a good working knowledge of SQL is an important part of interacting with databases. And Sams Teach Yourself SQL in 10 Minutes offers the straightforward, practical answers you need to help you do your job.   Expert trainer and popular author Ben Forta teaches you just the parts of SQL you need to knowâ "starting with simple data retrieval and quickly going on to more complex topics including the use of joins, subqueries, stored procedures, cursors, triggers, and table constraints. You'll learn methodically, systematically, and simplyâ "in 22 short, quick lessons that will each take only 10 minutes or less to complete.   With the Fourth Edition of this worldwide bestseller, the book has been thoroughly updated, expanded, and improved. Lessons now cover the latest versions of IBM DB2, Microsoft Access, Microsoft SQL Server, MySQL, Oracle, PostgreSQL, SQLite, MariaDB, and Apache Open Office Base. And new full-color SQL code listings help the beginner clearly see the elements and structure of the language. 10 minutes is all you need to learn how to...   Use the major SQL statements   Construct complex SQL statements using multiple clauses and operators   Retrieve, sort, and format database contents   Pinpoint the data you need using a variety of filtering techniques   Use aggregate functions to summarize data   Join two or more related tables   Insert, update, and delete data   Create and alter database tables   Work with views, stored procedures, and more   Table of Contents 1 Understanding SQL 2 Retrieving Data 3 Sorting Retrieved Data 4 Filtering Data 5 Advanced Data Filtering 6 Using Wildcard Filtering 7 Creating Calculated Fields 8 Using Data Manipulation Functions 9 Summarizing Data 10 Grouping Data 11 Working with Subqueries 12 Joining Tables 13 Creating Advanced Joins 14 Combining Queries 15 Inserting Data 16 Updating and Deleting Data 17 Creating and Manipulating Tables 18 Using Views 19 Working with Stored Procedures 20 Managing Transaction Processing 21 Using Cursors 22 Understanding Advanced SQL Features Appendix A: Sample Table Scripts Appendix B: Working in Popular Applications Appendix C : SQL Statement Syntax Appendix D: Using SQL Datatypes Appendix E: SQL Reserved Words

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Customer Reviews

Ben Forta has done a great job distilling the most pertinent basic SQL concepts into simple, easy to read form. Befitting its "10 minute" moniker, this is a wonderful book for new SQL programmers. But it's also subtly different in a way that will particularly suit folks coming into SQL for the first time as part of their involvement in using web database development tools such as ColdFusion and Active Server Pages.One one level, any new SQL programmer using any DBMS will appreciate the easily digested coverage of the fundamental query and update basics. The books is well-written, an easy read, and goes beyond those basics without going too far.Even moderately experienced readers will be well-served by the clear, simple discussions of important topics (like data manipulation and aggregating functions, grouping data, subqueries, views, etc) that can be easily forgotten, as well as other topics (such as using transactions, constraints, triggers, etc.) that can get lost in wading through other more voluminous tomes. Ben presents a very nice balance of fundamental topics.But there's more to this book than being a simple intro to SQL. That audience of web db developers is an exploding one, and they bring some unique needs for which Ben provides a valuable perspective. Most SQL books have some DBMS-specific bias, despite SQL's purpose as a tool for accessing any kind of database in a consistent manner. Web application development environments like ASP and CF are also similarly database-agnostic. There are subtle points about using SQL in such environments that are different from using it, say, in a query builder or in a client/server environment.

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