1. Record Nr. UNINA9910973369603321

Autore	Taylor Allen G
Titolo	SQL for dummies / / by Allen G. Taylor
Pubbl/distr/stampa	Hoboken, NJ, : Wiley Chichester, : John Wiley [distributor], 2013
ISBN	9781118657188 1118657187
Edizione	[8th ed.]
Descrizione fisica	1 online resource (483 p.)
Collana	--For dummies
Disciplina	005.75/85 005.7585
Soggetti	SQL (Computer program language) Computer programming Relational databases (Computer program)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Table of Contents; Introduction; About This Book; Who Should Read This Book?; Icons Used in This Book; Where to Go from Here; Part I: Getting Started with SQL; Chapter 1: Relational Database Fundamentals; Keeping Track of Things; What Is a Database?; Database Size and Complexity; What Is a Database Management System?; Flat Files; Database Models; Database Design Considerations; Chapter 2: SQL Fundamentals; What SQL Is and Isn't; A (Very) Little History; SQL Statements; Reserved Words; Data Types; Null Values; Constraints; Using SQL in a Client/Server System Using SQL on the Internet or an Intranet Chapter 3: The Components of SQL; Data Definition Language; Data Manipulation Language; Data Control Language; Part II: Using SQL to Build Databases; Chapter 4: Building and Maintaining a Simple Database Structure; Using a RAD Tool to Build a Simple Database; Building POWER with SQL's DDL; Portability Considerations; Chapter 5: Building a Multi-table Relational Database; Designing a Database; Working with Indexes; Maintaining Data Integrity; Normalizing the Database; Part III: Storing and Retrieving Data; Chapter 6: Manipulating Database Data Retrieving Data Creating Views; Updating Views; Adding New Data;

Updating Existing Data; Transferring Data; Deleting Obsolete Data; Chapter 7: Handling Temporal Data; Understanding Times and Periods in SQL: 2011; Working with Application-Time Period Tables; Working with System-Versioned Tables; Tracking Even More Time Data with Bitemporal Tables; Chapter 8: Specifying Values; Values; Value Expressions; Functions; Chapter 9: Using Advanced SQL Value Expressions; CASE Conditional Expressions; CAST Data-Type Conversions; Row Value Expressions; Chapter 10: Zeroing In on the Data You Want
Modifying Clauses FROM Clauses; WHERE Clauses; Logical Connectives; GROUP BY Clauses; HAVING Clauses; ORDER BY Clauses; Limited FETCH; Peering through a Window to Create a Result Set; Chapter 11: Using Relational Operators; UNION; INTERSECT; EXCEPT; Join Operators; ON versus WHERE; Chapter 12: Delving Deep with Nested Queries; What Subqueries Do; Chapter 13: Recursive Queries; What Is Recursion?; What Is a Recursive Query?; Where Might You Use a Recursive Query?; Where Else Might You Use a Recursive Query?; Part IV: Controlling Operations; Chapter 14: Providing Database Security
The SQL Data Control Language User Access Levels; Granting Privileges to Users; Granting Privileges across Levels; Granting the Power to Grant Privileges; Taking Privileges Away; Using GRANT and REVOKE Together to Save Time and Effort; Chapter 15: Protecting Data; Threats to Data Integrity; Reducing Vulnerability to Data Corruption; Constraints Within Transactions; Chapter 16: Using SQL within Applications; SQL in an Application; Hooking SQL into Procedural Languages; Part V: Taking SQL to the Real World; Chapter 17: Accessing Data with ODBC and JDBC; ODBC; ODBC in a Client/Server Environment
ODBC and the Internet

Sommario/riassunto

Uncover the secrets of SQL and start building better relational databases today!This fun and friendly guide will help you demystify database management systems so you can create more powerful databases and access information with ease. Updated for the latest SQL functionality, SQL For Dummies, 8th Edition covers the core SQL language and shows you how to use SQL to structure a DBMS, implement a database design, secure your data, and retrieve information when you need it. Includes new enhancements of SQL: 2011, including temporal data functionality which