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Titolo	Getting Started with SQL and Databases : Managing and Manipulating Data with SQL / / by Mark Simon
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2023
ISBN	9781484294932 1484294939 1484294920 9781484294925
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (390 pages)
Disciplina	005.756
Soggetti	Microsoft software Microsoft .NET Framework Database management Artificial intelligence - Data processing Microsoft Database Management Data Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: SQL Sampler -- Chapter 2: Database -- Chapter 3: Filtering Data -- Chapter 4: Ordering Results -- Chapter 5: Calculating Column Values -- Chapter 6: Selecting from Multiple Tables -- Chapter 7: Aggregating Data -- Chapter 8: Working with Tables -- Chapter 9: SQL Techniques -- Appendix 1: Differences Between SQL Dialects -- Appendix 2: Working with Tables -- Appendix 3: A Crash Course in PDO.
Sommario/riassunto	Learn the basics of writing SQL scripts. Using Standard SQL as the starting point, this book teaches writing SQL in various popular dialects, including PostgreSQL, MySQL/MariaDB, Microsoft SQL Server, Oracle, and SQLite. The book starts with a general introduction to writing SQL and covers the basic concepts. Author Mark Simon then covers database principles, and how database tables are designed. He

teaches you how to filter data using the WHERE clause, and you will work with NULL, numbers, dates, and strings. You will also understand sorting results using the ORDER BY clause, sorting by calculated columns, and limiting the number of results. By the end of the book, you will know how to insert and update data, and summarize data with aggregate functions and groups. Three appendices cover differences between SQL dialects, working with tables, and a crash course in PDO.

What You Will Learn

- Filter, sort, and calculate data
- Summarize data with aggregate functions
- Modify data with insert, update, and delete statements
- Study design principles in developing a database

Who This Book Is For

Developers and analysts working with SQL, as well as web developers who want a stronger understanding of working with databases

Mark Simon has been involved in training and education since the beginning of his career. He started as a teacher of mathematics and moved into IT consultancy and training. He has worked with and trained in several programming and coding languages, and currently focuses on web development and database languages.
