Unlock the Power of Data Manipulation with "IBM Db2 SQL for Beginners"

Preface:

In the vast realm of data management, Structured Query Language (SQL) stands as a formidable tool, empowering users to harness the untapped potential of databases. Among the database titans, IBM Db2 shines with its robust capabilities and industry-leading performance. "IBM Db2 SQL for Beginners" emerges as the ultimate guide for aspiring SQL users, paving the way for them to master the intricacies of data manipulation and gain a competitive edge in the data-driven landscape.

Chapter 1: Embarking on the SQL Odyssey

* Journey into the world of SQL: Unveil its history, evolution, and fundamental principles. * Discover the anatomy of a database: Explore the concepts of tables, columns, and data types. * Dive into the SELECT statement: Master the art of retrieving data from tables with precision.

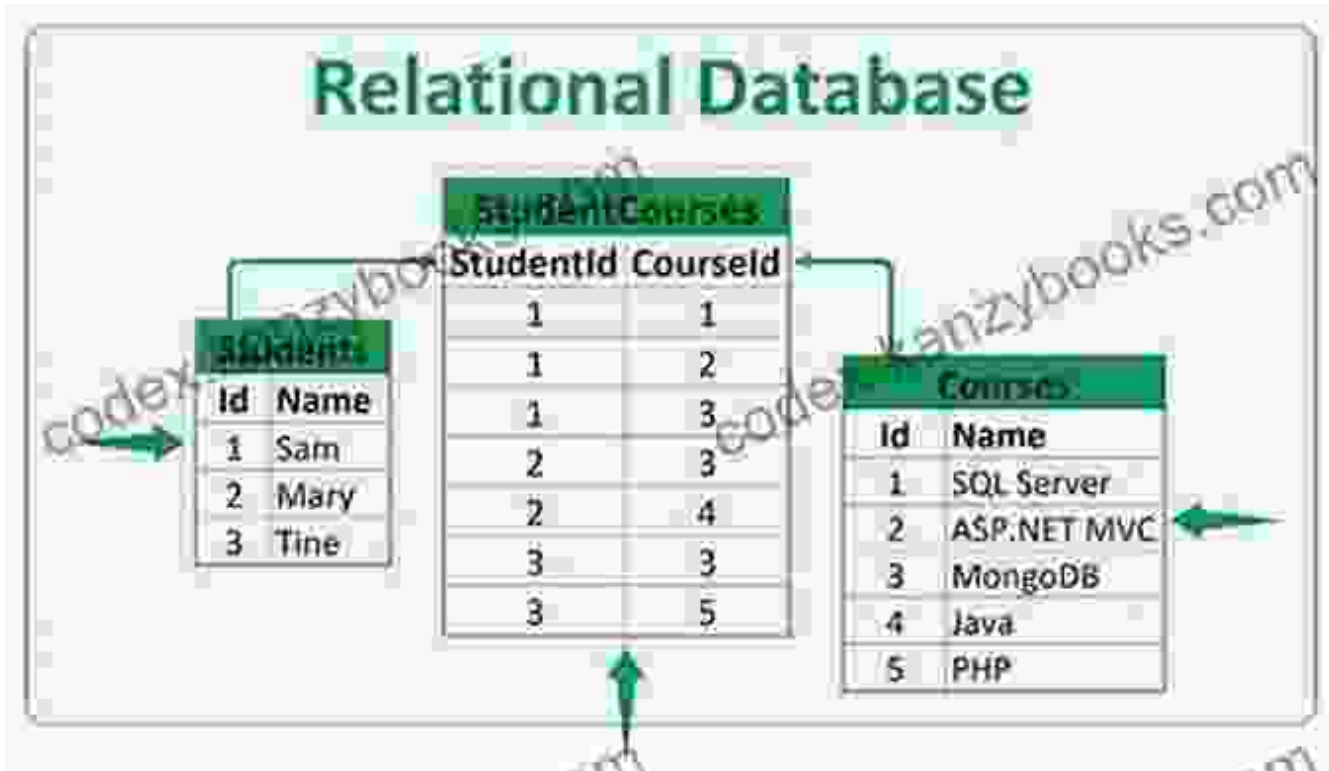### IBM DB2 SQL for Beginners: A Tutorial by Examples

by Djoni Darmawikarta

★★★★☆ 4.3 out of 5

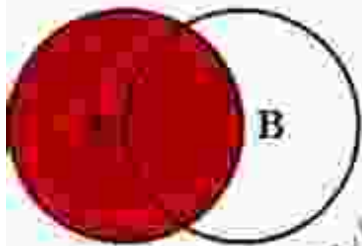|	
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Chapter 2: Manipulating Data with SQL

* Unleash the power of INSERT, UPDATE, and DELETE: Perform essential data manipulation operations effortlessly. * Conquer data filtering with WHERE: Utilize comparison operators and logical functions to refine your queries. * Master data aggregation with GROUP BY and HAVING: Summarize and analyze large datasets with ease.
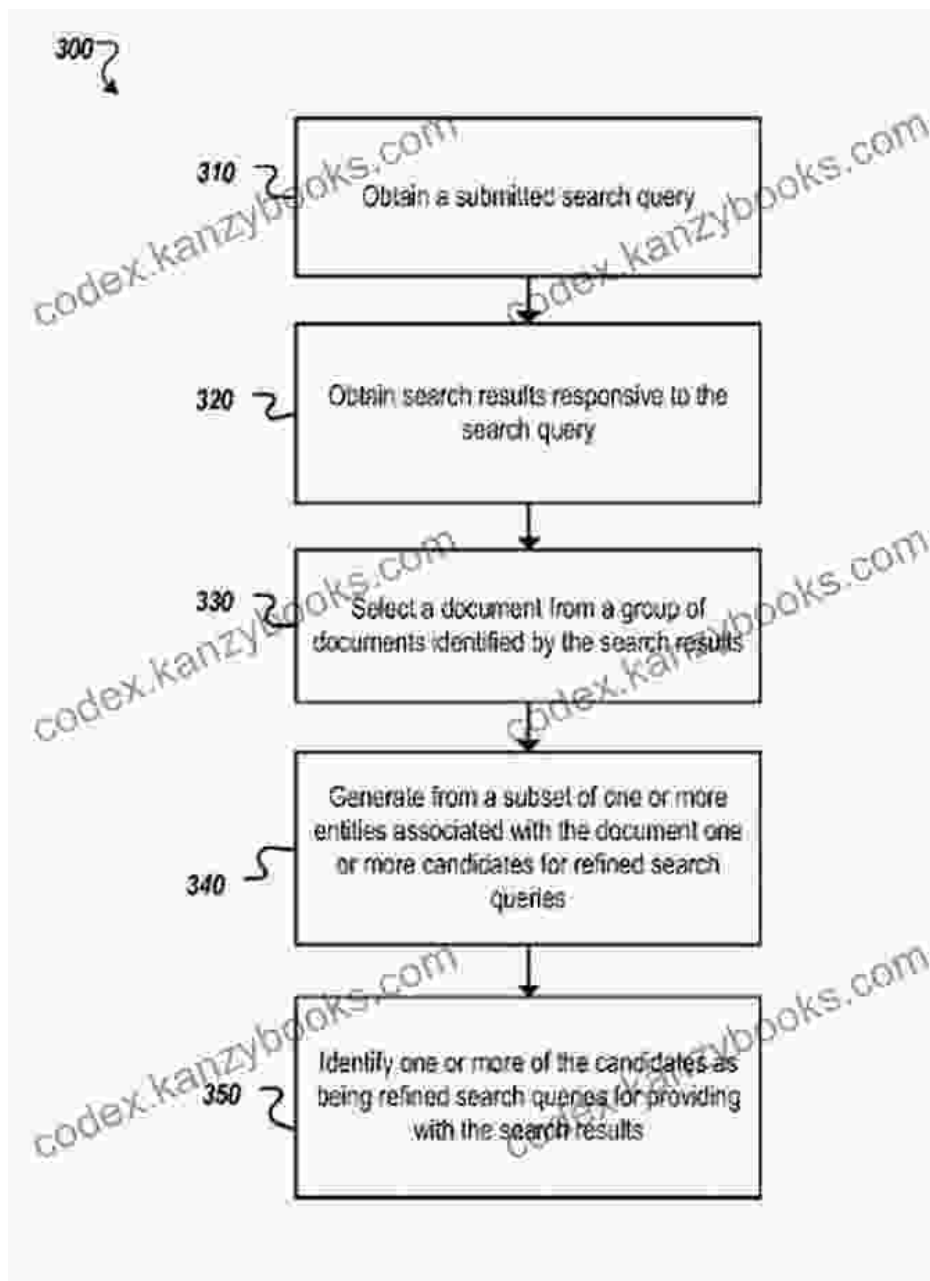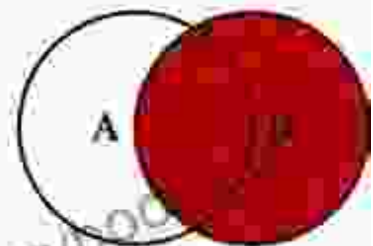
Chapter 3: Advanced SQL Techniques

* Embark on subquery adventures: Explore nested queries to extract data from multiple tables seamlessly. * Harness the power of JOINs: Combine data from different tables based on common attributes. * Tame unruly data with Free Download BY and LIMIT: Sort and restrict results for optimal data presentation.
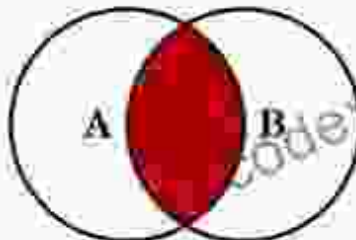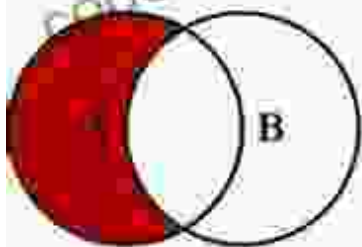
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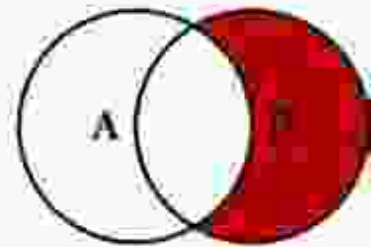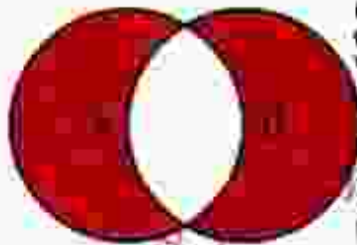
Chapter 4: Data Integrity and Transaction Management

* Ensure data accuracy with constraints: Implement data validation rules to maintain data integrity. * Master the art of transactions: Utilize transaction control statements to ensure data consistency. * Embrace concurrency control: Learn techniques to manage concurrent access to data effectively.

Chapter 5: SQL Functions and Operators

* Enhance data manipulation with built-in functions: Leverage a comprehensive range of mathematical, string, and date functions. * Unleash the power of operators: Utilize comparison, logical, and set operators to manipulate data with precision. * Conquer complex expressions: Combine functions and operators to create sophisticated data transformations.

Arithmetic Operators in SQL

Arithmetic Operators		Let us assume X and Y are two variables
Operator	Expression	Description
+	X + Y	To perform addition
-	X - Y	To perform subtraction
*	X * Y	To perform multiplication
/	X / Y	To perform division
%	X % Y	To perform modulus

Chapter 6: SQL for Real-World Applications

* Data retrieval and analysis: Utilize SQL to extract meaningful insights from databases. * Data manipulation and management: Perform essential data maintenance and administrative tasks. * Database design and optimization: Design efficient databases and optimize queries for performance.

Epilogue:

"IBM Db2 SQL for Beginners" concludes with a recap of the essential concepts covered throughout the book. It emphasizes the significance of SQL in the modern data landscape and provides guidance for further exploration and mastery of the language.

Key Features of "IBM Db2 SQL for Beginners":

* Comprehensive coverage of IBM Db2 SQL fundamentals and advanced techniques * Step-by-step instructions with practical examples to facilitate learning * In-depth explanations and illustrations to enhance understanding * Real-world application scenarios to demonstrate the practical value of SQL * Exercises and quizzes to reinforce learning and assess progress

Target Audience:

* Aspiring SQL users seeking to build a strong foundation in IBM Db2 SQL *
Professionals looking to enhance their data manipulation skills for career
advancement * Individuals seeking a comprehensive guide to SQL for data
analysis, management, or database design

Call to Action:

Unlock the power of data manipulation and embark on your SQL journey
today! Free Download your copy of "IBM Db2 SQL for Beginners" now and
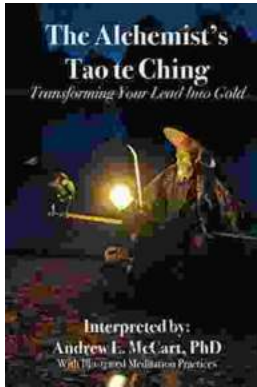unleash the full potential of your data.

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