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Physical Database Design Using Oracle Oracle Quick Guides - Part 2 - Oracle Database Design Oracle Design: The Definitive Guide Oracle Database System Design Made Simple Business Process Driven Database Design Business Process Driven Database Design with Oracle PL/SQL (Edition II) Oracle SQL Developer Data Modeler for Database Design Mastery Effective Oracle by Design Beginning Database Design Database Design, Query, Formulation, and Administration Systems Building with Oracle Relational Database Index Design and the Optimizers Database Design for Smarties Database Performance Tuning and Optimization Expert Oracle Database Architecture Database Systems a Practical Approach to Design Implementation and Management Physical Database Design The Global Paleomagnetic Database Oracle SQL Developer Applied Mathematics for Database Professionals Database Design Using Entity-Relationship Diagrams Oracle Database 10g XML & SQL: Design, Build, & Manage XML Applications in Java, C, C++, & PL/SQL Beginning SQL Database Systems Data Modeling Database Systems Inside Oracle Designer/2000 Oracle and My SQL - A Practical Approach Expert PL/SQL Practices Logical Database Design Principles Database Management Systems Oracle Database Principles Database Systems Database Design and Implementation Data Modeling Scaling Oracle8i Oracle SQL By Example Database Solutions Expert Oracle Database Architecture Professional Oracle Programming: Covers Oracle 10G

Physical Database Design Using Oracle

2004-07-27

the evolution of oracle has led to a revolution in design practices for oracle 10g database physical structures have become more complex than ever before and database designers face multiple ways to implement their logical models is students studying database design and administration need to be able to implement management systems in a way that

Oracle Quick Guides - Part 2 - Oracle Database Design

2013-06-12

this is part 2 of a series of quick learning guides for oracle designers developers managers part 2 introduces completely new entrants to concepts of oracle database analysis and design database normalisation the logical data model e r modelling and diagrams logical to physical transformation in oracle designer physical database design de normalization and database design for performance

Oracle Design: The Definitive Guide

1997

this book focuses exclusively on oracle database design it covers the most up to date oracle issues and technologies including massively parallel processors very large databases data warehouses client server and distributed database the design advice is detailed and thorough the book delves deeply into design issues and gives advice that will have a major impact on your database and system performance

Oracle Database System Design Made Simple

2015-10-21

how exactly do you start to design a system with using oracle database technology this book is the first in a series that answers just this question if you are a developer just starting or even with several years of oracle experience this book will cut through the myriad of alternatives to provide you with a practical and effective development approach it explains the design basis of oracle system development in a way that is not only relevant for developers but also extremely beneficial to system designers architects development managers and project managers simple explanations will guide you through the creation of a foundation layer that provides a solid basis for system delivery this layer will deliver significant gains in agility and development productivity whilst slashing maintenance costs the design features of oracle views materialized views partitioning and virtual private database are revealed enabling you to deliver enhanced real system outcomes the book is structured into two parts a theory part describes the design considerations that underpin the best oracle development approaches and allow you to create designs appropriate to your own requirements and constraints a practice part provides case studies that take you step by step through how to construct such system foundations these worked examples can help you to fast track your own implementations

Business Process Driven Database Design

2019-02-10

business process driven database design with oracle pl sql outlines a fresh approach to database design that is rooted in the concept of business process such a database

design approach ensures a more robust and integrated database structure that is more closely aligned with business goals and objectives it also integrates business logic with database design thereby enabling better support for business applications this book is for anyone beginner student or professional who desires to understand database design in a way that is more business oriented it can also be used as a text book in a level 1 database design course the book covers essential concepts of business process modeling with business rules conceptual modeling with er diagrams relational model with sql and oracle pl sql language to ensure proper implementation of business logic the topics are explained in a simplified way through tutorials and numerous examples for a reader to quickly grasp the material it is written in a hands on style for anyone to learn the basics of database design the book also provides the sql and pl sql source for anyone to install the book database and practice examples to gain understanding of various concepts upon completion readers will have learnt the art of database design and have the skills to express it through sql and pl sql

Business Process Driven Database Design with Oracle PL/SQL (Edition II)

2021-03-12

business process driven database design with oracle pl sql edition ii extends the previous edition with updated content along with review questions and problem solving exercises a new database has been added to provide more problem solving skills the textbook embraces a fresh approach to database design that is rooted in the concept of business process such a database design approach ensures a more robust and integrated database structure that is more closely aligned with business goals and objectives the textbook extends the understanding of database beyond standalone sql through the integration of business logic with database design thereby enabling better support for enterprise applications the incorporation of business logic facilitates the threading of sql with logic constructs that provide a richer understanding of database manipulation and utilization this book is for anyone beginner student or professional who desires to understand database design in a way that is more business oriented it can be used as a textbook in a level 1 or level 2 database design course the book covers essential concepts of business process modeling with business rules conceptual modeling with er diagrams relational model with sql and oracle pl sql language to ensure proper implementation of business logic the topics are explained in a simplified way through tutorials and numerous examples for a reader to quickly grasp the material followed by problem solving exercises it is written in a hands on style for anyone to learn the basics of database design the book also provides the sql and pl sql source for anyone to install the book databases and practice examples to gain an understanding of various concepts upon completion readers will have learned the art of database design and have the skills to express it through sql and pl sql

Oracle SQL Developer Data Modeler for Database Design Mastery

2015-05-22

design databases with oracle sql developer data modeler in this practical guide oracle ace director heli helskyaho explains the process of database design using oracle sql developer data modeler the powerful free tool that flawlessly supports oracle and other database environments including microsoft sql server and ibm db2 oracle sql developer data modeler for database design mastery covers requirement analysis conceptual logical and physical design data warehousing reporting and more create and deploy high performance enterprise databases on any platform using the expert tips and best practices in this oracle press book configure oracle sql developer data modeler perform requirement analysis translate requirements into a formal conceptual data model and process models transform the conceptual logical model into a relational model manage physical database design generate data definition language ddl scripts to create database objects design a data warehouse database use subversion for version control and to enable a multiuser environment document an existing database use the reporting tools in oracle sql developer data modeler compare designs and the database

Effective Oracle by Design

2003-08-22

tom kyte of oracle magazine s ask tom column has written the definitive guide to designing and building high performance scalable oracle applications the book covers schema design sql and pl sql tables and indexes and much more from the exclusive publisher of oracle press books this is a must have resource for all oracle developers

and dbas

Beginning Database Design

2006

from the 1 source for computing information trusted by more than six million readers worldwide

Database Design, Query, Formulation, and Administration

2022-09-15

formerly published by chicago business press now published by sage database design query formulation and administration eighth edition offers a comprehensive understanding of database technology author michael mannino equips students with the necessary tools to grasp the fundamental concepts of database management and then guides them in honing their skills to solve both basic and advanced challenges in query formulation data modeling and database application development features of the eighth edition unmatched sql coverage in both breadth and depth oracle and postgresql coverage problem solving guidelines sample databases and examples data modeling tools data warehouse coverage nosql coverage current and cutting edge topics comprehensive enough for multiple database courses

Systems Building with Oracle

2004

improve the performance of relational databases with indexes designed for today s hardware over the last few years hardware and software have advanced beyond all recognition so it s hardly surprising that relational database performance now receives much less attention unfortunately the reality is that the improved hardware hasn t kept pace with the ever increasing quantity of data processed today although disk packing densities have increased enormously making storage costs extremely low and sequential read very fast random reads are still painfully slow many of the old design recommendations are therefore no longer valid the optimal point of indexing has come a long way consequently many of the old problems haven t actually gone away they have simply changed their appearance this book provides an easy but effective approach to the design of indexes and tables using lots of examples and case studies the authors describe how the db2 oracle and sql server optimizers determine how to access data and how cpu and response times for the resulting access paths can be quickly estimated this enables comparisons to be made of the various designs and helps you choose available choices for the most appropriate design this book is intended for anyone who wants to understand the issues of sql performance or how to design tables and indexes effectively with this title readers with many years of experience of relational systems will be able to better grasp the implications that have been brought into play by the introduction of new hardware

Relational Database Index Design and the Optimizers

2005-09-15

craft the right design using uml whether building a relational object relational or object oriented database database developers are increasingly relying on an object oriented design approach as the best way to meet user needs and performance criteria this book teaches you how to use the unified modeling language the official standard of the object management group to develop and implement the best possible design for your database inside the author leads you step by step through the design process from requirements analysis to schema generation you ll learn to express stakeholder needs in uml use cases and actor diagrams to translate uml entities into database components and to transform the resulting design into relational object relational and object oriented schemas for all major dbms products features teaches you everything you need to know to design build and test databases using an oo model shows you how to use uml the accepted standard for database design according to oo principles

explains how to transform your design into a conceptual schema for relational object relational and object oriented dbms offers practical examples of design for oracle sql server sybase informix object design poet and other database management systems focuses heavily on re using design patterns for maximum productivity and teaches you how to certify completed designs for re use

Database Design for Smarties

1999-03-08

presents an ideal mix of theory and practice which allows the reader to understand the principle behind the application coverage of performance tuning of datawarehouses offers readers the principles and tools they need to handle large reporting databases material can also be used in a non oracle environment highly experienced author

Database Performance Tuning and Optimization

2006-04-18

now in its third edition this best selling book continues to bring you some of the best thinking on how to apply oracle database to produce scalable applications that perform well and deliver correct results tom kyte and darl kuhn share a simple philosophy you can treat oracle as a black box and just stick data into it or you can understand how it works and exploit it as a powerful computing environment if you choose the latter then you ll find that there are few information management problems that you cannot solve quickly and elegantly this fully revised third edition covers the developments up to oracle database 12c significant new content is included surrounding oracle s new cloud feature set and especially the use of pluggable databases each feature is taught in a proof by example manner not only discussing what it is but also how it works how to implement software using it and the common pitfalls associated with it don t treat oracle database as a black box get this book get under the hood turbo charge your career revised to cover oracle database 12c proof by example approach let the evidence be your guide dives deeply into oracle database s most powerful features

Expert Oracle Database Architecture

2014-11-10

the rapidly increasing volume of information contained in relational databases places a strain on databases performance and maintainability dbas are under greater pressure than ever to optimize database structure for system performance and administration physical database design discusses the concept of how physical structures of databases affect performance including specific examples guidelines and best and worst practices for a variety of dbms and configurations something as simple as improving the table index design has a profound impact on performance every form of relational database such as online transaction processing oltp enterprise resource management erp data mining dm or management resource planning mrp can be improved using the methods provided in the book the first complete treatment on physical database design written by the authors of the seminal database modeling and design logical design fourth edition includes an introduction to the major concepts of physical database design as well as detailed examples using methodologies and tools most popular for relational databases today oracle db2 ibm and sql server microsoft focuses on physical database design for exploiting b tree indexing clustered indexes multidimensional clustering mdc range partitioning shared nothing partitioning shared disk data placement materialized views bitmap indexes automated design tools and more

Database Systems a Practical Approach to Design Implementation and Management

2010-07-26

document syntax xl i database design 1 relational databases 317 2 choice of database management system 318 3 design of the global paleomagnetic database 319 3 1 oracle

design 319 3 2 compact database abase 321 4 aspects of data entry 326 ii oracle hardware and software 1 sytem hardware and software recommendation for oracle 328 1 1 for a fully ibm compatible personal computer pc 328 1 2 for an apple macintosh pc 329 1 3 recommendations 330 2 oracle rdbms software used by the gpmdb 331 2 1 a brief description of the oracle rdbms 331 2 2 sql plus under ms dos 333 2 3 sql forms under ms dos 336 2 4 sql menu under ms dos 338 2 5 the crt file 339 iii database installation and maintenance 1 the role of the database administrator 340 2 preparing your pc for the installation of oracle rdbms 340 2 1 oracle rdbms for ms dos and extended memory 340 2 2 setting up ms dos for oracle 342 3 installing the oracle rdbms 347 3 1 oracle directory structure 347 3 2 installing the oracle rdbms for ms dos 348 3 3 step by step oracle rdbms installation instructions 348 4 system preparation and loading the global paleomagnetic da base 353 4 1 system preparation 353 4 2 installing the global paleomagnetic database 356 4 3 loading the custombuilt files 358 v sui ij iary vi 5 database administrative tasks 363 5 1

Physical Database Design

2012-12-06

learn database design development and administration using the feature rich sql developer 4 1 interface about this book explore all the sql developer 4 1 features useful for oracle database developers architects and administrators understand how this free tool from oracle has evolved over the years and has become a complete tool that makes life easy for oracle and third party database users the author ajith narayanan has a total of 10 years of work experience as an oracle apps dba who this book is for this book is intended for oracle developers who are responsible for database management you are expected to have programming knowledge of sql and pl sql and must be familiar with basic oracle database concepts what you will learn install and navigate through all the advanced features of sql developer that were introduced in version 4 1 browse create edit and delete drop database objects use the sql worksheet to run sql statements and scripts edit and debug pl sql code manipulate and export unload data carry out all dba related activities such as exporting importing tuning and analyzing database performance issues quickly analyze create and edit the data model using data modeler extend the sql developer capabilities by exploring the apex related pages enabling and working with restful services use the available reports and create new custom reports with custom scripts grasp how to connect to third party databases and work smoothly with them in detail at times dbas support 100s of databases at work in such scenarios using a command line tool like putty adds to the difficulty while sql developer makes the life of a developer dba or db architect easier by providing a graphical user interface equipped with features that can bolster and enhance the user experience and boost efficiency features such as dba panel reports data modeler and data miner are just a few examples of its rich features and its support for apex rest services timesten and third party database drivers demonstrate its extensibility you may be a newbie to databases or a seasoned database expert either way this book will help you understand the database structure and the different types of objects that organize enterprise data in an efficient manner this book introduces the features of the sql developer 4 1 tool in an incremental fashion starting with installing them making the database connections and using the different panels by sequentially walking through the steps in each chapter you will quickly master sql developer 4 1 style and approach this book follows a step by step approach and is in a conversational and easy to follow style screenshots and detailed explanations of the basic and advanced features of sql developer 4 1 that will make your work and life easy

The Global Paleomagnetic Database

2016-01-30

this book touches on an area seldom explored the mathematical underpinnings of the relational database the topic is important but far too often ignored this is the first book to explain the underlying math in a way that s accessible to database professionals just as importantly if not more so this book goes beyond the abstract by showing readers how to apply that math in ways that will make them more productive in their jobs what s in this book will open the eyes of most readers to the great power elegance and simplicity inherent in relational database technology

Oracle SQL Developer

2007-10-24

entity relationship e r diagrams are time tested models for database development well known for their usefulness in mapping out clear database designs also commonly known is how difficult it is to master them with this comprehensive guide database designers and developers can quickly learn all the ins and outs of e r diagramming to become expe

Applied Mathematics for Database Professionals

2003-06-27

written by members of the oracle xml group this is a must have reference for all it managers dbas and developers who want to learn the best practices for using xml with oracle s xml enabled products includes real world case studies based on the authors experience managing oracle s xml discussion forum a community of 20 000 xml component users

Database Design Using Entity-Relationship Diagrams

2004-07-19

taking readers through the basics of the language right up to some more advanced topics this book is a practical hands on resource and aims to keep the reader involved at all times focuses on the sql standard and is loaded with detailed examples and code each chapter includes practice exercises that readers can challenge themselves with before looking at the sample solutions in the appendix paul wilton is a successful wrox beginning book author and is an ideal author to write for those who want a firm grasp of standard sql before learning the details specific to a particular database product sql is an international standard for manipulating data in databases and is used by database programmers in all major database systems microsoft ibm oracle mysql and many others

Oracle Database 10g XML & SQL: Design, Build, & Manage XML Applications in Java, C, C++, & PL/SQL

2005-03-04

this book places a strong emphasis on good design practice allowing readers to master design methodology in an accessible step by step fashion in this book database design methodology is explicitly divided into three phases conceptual logical and physical each phase is described in a separate chapter with an example of the methodology working in practice extensive treatment of the as an emerging platform for database applications is covered alongside many code samples for accessing databases from the including jdbc sqlj asp isp and oracle s psp a thorough update of later chapters covering object oriented databases databases xml data warehousing data mining is included in this new edition a clear introduction to design implementation and management issues as well as an extensive treatment of database languages and standards make this book an indispensable complete reference for database professionals

Beginning SQL

2005

this guidebook and its companion volume which follows provide a solid basis from which one can successfully implement relational database multidimensional data warehouse and business intelligence bi technologies the principal objective of this initial course volume is to convey a practical and common sense guide to the theory and concepts of data modeling using these sophisticated techniques one can create an elegant logical design of a database within this course we discuss not only the premier modeling theories from the best industry experts but also present the practical and real world experience of the past 20 years of sideris data design practitioners the methodologies discussed are applicable to any relational database environment including ibm db2 the oracle database microsoft sql server the open source mysql and postgresql databases as well as other rdbms platforms they are also applicable to other database technologies such as object databases and legacy ims and idms databases

finally while we use the free oracle sql developer data modeler product as a demonstration modeling tool one can complete the exercises of this course and apply the techniques learned using any other popular data model diagramming tool such as ibm infosphere data architect ca erwin data modeler embarcadero er studio and others a summary of the objectives of this textbook are data modeling theory concepts building an initial data model drawing a model using software engineering tools increasing the accuracy of the model finding fixing attribute mistakes semantic object oriented modeling of entities relationships semantic object oriented modeling of domains types time dependency state dependency classic structures patterns logical physical model transformation rdbms implementation of the physical model

Database Systems

2014-05-14

the second edition of this bestselling title is a perfect blend of theoretical knowledge and practical application it progresses gradually from basic to advance concepts in database management systems with numerous solved exercises to make learning easier and interesting new to this edition are discussions on more commercial database management systems

Data Modeling

2011

this book cd rom set is a complete reference of designer 2000 oracle s suite of business modeling system design and software development tools by an author with a proven track record the cd rom provides supporting software which allows readers to work actively with the book including over four hours of screencam movies that show how to use designer 2000 for windows 95 and windows nt

Database Systems

1998

oracle is one of the most widely used database systems in the world and mysql is the world s most popular open source database system this book is an example driven guide for beginners and intermediates to oracle and mysql databases it provides thorough introduction to database design sql pl sql and much more this book enriched with the following key concepts with code illustrations rdbms concepts and usagesdatabase design and implicationsdatabase models and representationsdatabase keys and constraintsnormalization and de normalizationinstallation and configuration of oracle and mysqldata definition language sql commandsdata access using data manipulation language sql commandstransaction in databasedatabase object table view synonym sequencebuilt in functions and programspl sql triggers stored proceduresbasic administration privilege management backup and restore databases

Inside Oracle Designer/2000

2012-02

expert pl sql practices is a book of collected wisdom on pl sql programming from some of the best and the brightest in the field each chapter is a deep dive into a specific problem technology or feature set that you ll face as a pl sql programmer each author has chosen their topic out of the strong belief that what they share can make a positive difference in the quality and scalability of code that you write the path to mastery begins with syntax and the mechanics of writing statements to make things happen if you ve reached that point with pl sql then let the authors of expert pl sql practices show you how to combine syntax and mechanics with features and techniques to really make the language sing you ll learn to do more with less effort to write code that scales and performs well and to eliminate and avoid defects these authors are passionate about pl sql and the power it places at your disposal they want you to succeed to know all that pl sql can offer let expert pl sql practices open

your eyes to the full power of oracle s world class language for the database engine goes beyond the manual to cover good techniques and best practices delivers knowledge usually gained only by hard experience covers the functionality that distinguishes pl sql as a powerful and scalable programming language for deploying logic inside the database engine

Oracle and My SQL - A Practical Approach

2011-07-26

until now almost all books on logical database design focused exclusively on relational design however modern database management systems have added powerful features that have driven a movement away from truly normalized database design logical database design principles reflects these recent changes the book begins by covering traditional lo

Expert PL/SQL Practices

2005-05-12

zygiaris provides an accessible walkthrough of all technological advances of databases in the business environment readers learn how to design develop and use databases to provide business analytical reports with the three major database management systems microsoft access oracle express and mariadb formerly mysql

Logical Database Design Principles

2018-08-23

this text describes the major components of oracle such as sql plus pl sql indexing security and integrity and distributed databases underlying principles are also described in the book and there are chapters on the objectives of database systems and on the relational model

Database Management Systems

1997

this book provides a concise but comprehensive guide to the disciplines of database design construction implementation and management based on the authors professional experience in the software engineering and it industries before making a career switch to academia the text stresses sound database design as a necessary precursor to successful development and administration of database systems the discipline of database systems design and management is discussed within the context of the bigger picture of software engineering students are led to understand from the outset of the text that a database is a critical component of a software infrastructure and that proper database design and management is integral to the success of a software system additionally students are led to appreciate the huge value of a properly designed database to the success of a business enterprise the text was written for three target audiences it is suited for undergraduate students of computer science and related disciplines who are pursuing a course in database systems graduate students who are pursuing an introductory course to database and practicing software engineers and information technology it professionals who need a quick reference on database design database systems a pragmatic approach 3rd edition discusses concepts principles design implementation and management issues related to database systems each chapter is organized into brief reader friendly conversational sections with itemization of salient points to be remembered this pragmatic approach includes adequate treatment of database theory and practice based on strategies that have been tested proven and refined over several years features of the third edition include short paragraphs that express the salient aspects of each subject bullet points itemizing important points for easy memorization fully revised and updated diagrams and figures to illustrate concepts to enhance the student s understanding real world examples original methodologies applicable to database design step by step student friendly guidelines for solving generic database systems problems opening chapter overviews and

concluding chapter summaries discussion of dbms alternatives such as the entity attributes value model nosql databases database supporting frameworks and other burgeoning database technologies a chapter with sample assignment questions and case studies this textbook may be used as a one semester or two semester course in database systems augmented by a dbms preferably oracle after its usage students will come away with a firm grasp of the design development implementation and management of a database system

Oracle Database Principles

2022-09-26

this guidebook and its companion volume which follows provide a solid basis from which one can successfully implement relational database multidimensional data warehouse and business intelligence bi technologies the principal objective of this initial course volume is to convey a practical and common sense guide to the theory and concepts of data modeling using these sophisticated techniques one can create an elegant logical design of a database within this course we discuss not only the premier modeling theories from the best industry experts but also present the practical and real world experience of the past 20 years of sideris data design practitioners the methodologies discussed are applicable to any relational database environment including ibm db2 the oracle database microsoft sql server the open source mysql and postgresql databases as well as other rdbms platforms they are also applicable to other database technologies such as object databases and legacy ims and idms databases finally while we use the free oracle sql developer data modeler product as a demonstration modeling tool one can complete the exercises of this course and apply the techniques learned using any other popular data model diagramming tool such as ibm infosphere data architect ca erwin data modeler embarcadero er studio and others a summary of the objectives of this textbook are data modeling theory concepts building an initial data model drawing a model using software engineering tools increasing the accuracy of the model finding fixing attribute mistakes semantic object oriented modeling of entities relationships semantic object oriented modeling of domains types time dependency state dependency classic structures patterns logical physical model transformation rdbms implementation of the physical model

Database Systems

1990

this is the complete expert guide to building enterprise class unix based oracle oltp systems that deliver maximum performance and scalability in scaling oracle 8i one of the world s leading oracle consultants introduces today s best methods and technologies for building industrial strength oracle database systems on unix platforms understand exactly what scalability means in the enterprise then discover how to deliver it step by step from the ground up through design testing construction maintenance benchmarking and ongoing management morle covers every component that impacts performance including hashing caching hardware architecture and i o subsystems oracle database objects data storage memory structures and a detailed review of the oracle parallel server readers will find comprehensive coverage of tuning the underlying unix platform to improve oltp response times including co engineering the kernel working with virtual memory i o interprocess communication and more scaling oracle 8i contains a full chapter on the special issues associated with e commerce as well as a detailed case study drawn from one of the world s largest car rental reservations systems for all enterprise system architects database engineers and application developers working with oracle

Database Design and Implementation

2011

the world s 1 hands on oracle sql workbook fully updated for oracle 11g crafted for hands on learning and tested in classrooms worldwide this book illuminates in depth every oracle sql technique you ll need from the simplest query fundamentals to regular expressions and with newly added coverage of oracle s powerful new sql developer tool you will focus on the tasks that matter most hundreds of step by step guided lab exercises will systematically strengthen your expertise in writing effective high performance sql along the way you ll acquire a powerful arsenal of useful skills and an extraordinary library of solutions for your real world challenges with oracle sql coverage includes 100 focused on oracle sql for oracle 11 g today s 1 database platform not generic sql master all core sql techniques including every type of join such

as equijoins self joins and outer joins understand oracle functions in depth especially character number date timestamp interval conversion aggregate regular expressions analytical and more practice all types of subqueries such as correlated and scalar subqueries and learn about set operators and hierarchical queries build effective queries and learn fundamental oracle sql developer and sql plus skills make the most of the data dictionary and create tables views indexes and sequences secure databases using oracle privileges roles and synonyms explore oracle 11g's advanced data warehousing features learn many practical tips about performance optimization security and architectural solutions avoid common pitfalls and understand and solve common mistakes for every database developer administrator designer or architect regardless of experience

Data Modeling

2000

this book presents a step by step uml based methodology for database analysis and design that can be mastered by both technical and nontechnical readers using this methodology database developers can create applications that are more effective efficient and easier to maintain

Scaling Oracle8i

2009-08-12

now in its second edition this best selling book by tom kyte of ask tom fame continues to bring you some of the best thinking on how to apply oracle database to produce scalable applications that perform well and deliver correct results tom has a simple philosophy you can treat oracle as a black box and just stick data into it or you can understand how it works and exploit it as a powerful computing environment if you choose the latter then you ll find that there are few information management problems that you cannot solve quickly and elegantly this fully revised second edition covers the developments up to oracle database 11g each feature is taught in a proof by example manner not only discussing what it is but also how it works how to implement software using it and the common pitfalls associated with it don t treat oracle database as a black box get this book get under the hood turbo charge your career fully revised to cover oracle database 11g proof by example approach let the evidence be your guide dives deeply into oracle database s most powerful features

Oracle SQL By Example

2000

professional oracle programming is designed to teach programmers how to use oracle data and data structures to build effective robust and scalable software applications the book will teach developers how to leverage oracle s strengths both in terms of logical functionality and operations the book assumes that the reader is an experienced developer with basic knowledge of oracle java and sql since java is the most commonly used language for oracle database applications all examples will be written in java many of the sample applications will also employ sql and pl sql extensively reflecting the fact that sql is the primary data access language for oracle databases oracle architecture and storage using sql handling multiple users database design basics oracle security the oracle data dictionary installing oracle introduction to sql extended sql indexes constraints other database structures functions distributed queries transactions and databases pl sql basics pl sql and sql pl sql packages introduction to java database programming triggers regular expressions and expression filter object relational interactions with oracle oracle xml db html db high speed data movement data loading and management business intelligence query business intelligence analysis optimization

Database Solutions

2010-11-03

Expert Oracle Database Architecture

2006-09

Professional Oracle Programming: Covers Oracle 10G

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