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Microsoft Sql Server 2008
Administration

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This comprehensive introduction to SQL Server begins with an overview of database design basics and the SQL query language along with an in-depth look at SQL Server itself Progresses on to a clear explanation of how to implement fundamental concepts with the new 2008 version of SQL Server Discusses creating

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***and changing tables,
managing keys, writing
scripts, working with
stored procedures,
programming with XML,
using SQL Server
Reporting and Integration
Services, and more
Features updated and
new material, including
new examples using
Microsoft's
AdventureWorks sample
database
A hands-on resource for
SQL Server 2008
troubleshooting methods
and tools SQL Server
administrators need to***

ensure that SQL Server remains running 24/7. Authored by leading SQL Server experts and MVPs, this book provides in-depth coverage of best practices based on a deep understanding of the internals of both SQL Server and the Windows operating system. You'll get a thorough look at the SQL Server database architecture and internals as well as Windows OS internals so that you can approach troubleshooting with a solid grasp of the total processing

environment. Armed with this comprehensive understanding, readers will then learn how to use a suite of tools for troubleshooting performance problems whether they originate on the database server or operating system side. Topics Covered: SQL Server Architecture Understanding Memory SQL Server Waits and Extended Events Working with Storage CPU and Query Processing Locking and Latches Knowing Tempdb Defining Your

***Approach To
Troubleshooting Viewing
Server Performance with
PerfMon and the PAL Tool
Tracing SQL Server with
SQL Trace and Profiler
Consolidating Data
Collection with SQLDiag
and the PerfStats Script
Introducing RML Utilities
for Stress Testing and
Trace File Analysis
Bringing It All Together
with SQL Nexus Using
Management Studio
Reports and the
Performance Dashboard
Using SQL Server
Management Data***

Warehouse Shortcuts to Efficient Data Collection and Quick Analysis Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Microsoft SQL Server 2008 introduces new geography and geometry spatial datatypes that enable the storage of structured data describing the shape and position of objects in space. This is an interesting and exciting new feature, with many potentially useful

applications. Beginning Spatial with SQL Server 2008 covers everything you need to know to begin using these new spatial datatypes, and explains how to apply them in practical situations involving the spatial relationships of people, places, and things on the earth. All of the spatial concepts introduced are explained from the ground up, so you need not have any previous knowledge of working with spatial data. Every section is

illustrated with code examples that you can use directly in SQL Server. All of the topics covered in this book apply to all versions of SQL Server 2008, including the freely available SQL Server 2008 Express. What you'll learn Understand the fundamental concepts involved in working with spatial data, including spatial references and coordinate systems. Apply these concepts in the collection and storage of spatial data in

SQL Server 2008, using the new geometry and geography field types. Create different types of spatial data objects—points, lines, and polygons—and use these to describe real-world objects. Learn how to analyze spatial data using a range of supported methods, and be aware of a number of different practical applications for these methods. Be shown how to integrate SQL Server with other tools, such as Microsoft Virtual Earth, to

display a visual representation of spatial data. Know how to ensure the performance of spatially enabled databases by creating appropriate spatial indexes. Who this book is for SQL Server developers who wish to use spatial data in Microsoft SQL Server 2008.

Businesses today want actionable insights into their data—they want their data to reveal itself to them in a natural and user-friendly form. What

could be more natural than human language? Natural-language search is at the center of a storm of ever-increasing web-driven demand for human-computer communication and information access. SQL Server 2008 provides the tools to take advantage of the features of its built-in enterprise-level natural-language search engine in the form of integrated full-text search (iFTS). iFTS uses text-aware relational queries to provide your

users with fast access to content. Whether you want to set up an enterprise-wide Internet or intranet search engine or create less ambitious natural-language search applications, this book will teach you how to get the most out of SQL Server 2008 iFTS: Introducing powerful iFTS features in SQL Server, such as the FREETEXT and CONTAINS predicates, custom thesauruses, and stop lists Showing you how to optimize full-text query

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***performance through
features like full-text
indexes and iFilters
Providing examples that
help you understand and
apply the power of iFTS
in your daily projects
Professional Microsoft
SQL Server Analysis
Services 2008 with MDX
Microsoft SQL Server
2008 Bible
Professional Microsoft
SharePoint 2007
Reporting with SQL
Server 2008 Reporting
Services
Microsoft SQL Server
2008 Integration Services***

Pro Full-Text Search in SQL Server 2008

The definitive guide to automating SQL Server administration with Powershell scripts If you're a SQL Server database administrator, this book will make your life easier. Windows PowerShell is an administrative scripting tool that allows you to automate many tasks you're probably currently doing by hand. This nuts-and-bolts guide shows you how to create Windows PowerShell scripts to administer almost every aspect of SQL Server. You'll get a thorough introduction to PowerShell basics and all the PowerShell components that have been integrated into SQL Server 2008, as well as actual administration tasks. The book provides complete scripts that have

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been tested and proven, saving you hours of effort. The new release of Microsoft SQL Server 2008 now includes Windows PowerShell, allowing administrators of large-scale enterprise databases to automate many tasks SQL Server 2008 Administration with Windows PowerShell introduces you to PowerShell, covering its components in detail as well as providing basic instruction in using scripts to administer the database The book includes numerous examples of SQL tasks that have been automated and also provides completed scripts that you can put to use immediately The Companion Web site includes complete code scripts If you're a database administrator, the scripts and techniques in SQL Server 2008

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Administration with Windows

PowerShell will save you hours of effort.

Harness the power of SQL Server, Microsoft's high-performance database and data analysis software package, by accessing everything you need to know in Microsoft SQL Server 2008 Bible. Learn the best practices, tips, and tricks from this comprehensive tutorial and reference, which includes specific examples and sample code, with nearly every task demonstrated in both a graphical and SQL code method. Understand how to develop SQL Server databases and data connections, how to administer the SQL Server and keep databases performing optimally, and how to navigate all the new features of the

Read PDF Professional Microsoft Sql Server 2008 Administration 2008 release.

Pro SQL Server Reporting Services 2008 is the third edition of Apress' top book on Microsoft's enterprise-level reporting tool. The previous edition has sold some 2100 units over a two-year period. This revision, combined with the impending release of SQL Server 2008, breathes new life into the topic and into this book.

A unique book-and-video package for learning Microsoft SQL Server Integration Services If you need a practical, hands-on introduction to Microsoft SQL Server 2008 Integration Services (SSIS), this book and video package from foremost SSIS authority Brian Knight gets you thoroughly up to speed. Each lesson in the book includes three major components: a thorough

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description of how each SSIS feature or process works; a tutorial that walks you through the process or technique; and a video lesson that demonstrates it. If you take full advantage of this comprehensive package, you will gain enough experience to tackle your first SSIS project with confidence. SQL Server Integration Services 2008 (SSIS) builds on the revolutionary database product suite first introduced by Microsoft in 2005 and is a powerful tool for performing extraction, transformation, and load (ETL) operations essential to data warehousing. If you're just learning SSIS, the step-by-step tutorials in this book and DVD training package will ready you to tackle your own first project. Every lesson in the book is

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supplemented by instructional video on the DVD Note:As a part of this title, video lessons are included on DVD.

For the e-book versions, video lessons can be accessed at wrox.com using a link provided in the interior of the e-book.

*Professional Microsoft SQL Server
2008 Reporting Services*

*Applied Microsoft SQL Server 2008
Reporting Services*

*Professional Microsoft SQL Server
2008 Administration*

*Microsoft SQL Server 2008
Administration with Windows
PowerShell*

*Microsoft SQL Server 2008 Step by
Step*

**Teach yourself to use SQL Server 2008
Analysis Services for business**

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intelligence—one step at a time. You'll start by building your understanding of the business intelligence platform enabled by SQL Server and the Microsoft Office System, highlighting the role of Analysis Services. Then, you'll create a simple multidimensional OLAP cube and progressively add features to help improve, secure, deploy, and maintain an Analysis Services database. You'll explore core Analysis Services 2008 features and capabilities, including dimension, cube, and aggregation design wizards; a new attribute relationship designer; designer AMO warnings; and using dynamic management views to monitor resources. And as you complete each lesson, you can hone your skills using the practice exercises from the companion CD. Plus, you can review and download code samples illustrating

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the author's own, professional techniques—direct from the companion Web site. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Teaches solution architects, designers, and developers how to use Microsoft's reporting platform to create reporting and business intelligence (BI) solutions Updated with new information about holistic BI solutions, comprehensive OLAP/Analysis Services reporting, and complete production deployment scenarios Includes programming examples focused on specific, scenario-based solutions Explains reporting services architecture and business intelligence, teaches the fundamentals of designing reports through the use of careful planning considerations, and covers advanced report design and

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filtering techniques

Pro SQL Server 2008 Policy-Based Management is critical for database administrators seeking in-depth knowledge on administering servers using the new policy-based management features introduced in SQL Server 2008. This book will cover everything from a basic introduction to policy-based management to creating your own custom policies to enforce consistent rules across your organization. Provides in-depth treatment of policy-based management in a single source Provides practical usage scenarios for policy-based management Provides guidance to help meet growing regulatory compliance needs

Conquer SQL Server 2017
administration—from the inside out
Dive into SQL Server 2017

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administration—and really put your SQL Server DBA expertise to work. This supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2017 in any production environment: on-premises, cloud, or hybrid. Four SQL Server experts offer a complete tour of DBA capabilities available in SQL Server 2017 Database Engine, SQL Server Data Tools, SQL Server Management Studio, and via PowerShell. Discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery.

- Install, customize, and use SQL Server 2017's key administration and development tools
- Manage memory, storage, clustering, virtualization, and other components
- Architect and implement database

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infrastructure, including IaaS, Azure SQL, and hybrid cloud configurations • Provision SQL Server and Azure SQL databases • Secure SQL Server via encryption, row-level security, and data masking • Safeguard Azure SQL databases using platform threat protection, firewalling, and auditing • Establish SQL Server IaaS network security groups and user-defined routes • Administer SQL Server user security and permissions • Efficiently design tables using keys, data types, columns, partitioning, and views • Utilize BLOBs and external, temporal, and memory-optimized tables • Master powerful optimization techniques involving concurrency, indexing, parallelism, and execution plans • Plan, deploy, and perform disaster recovery in traditional, cloud, and hybrid environments For Experienced SQL Server

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Administrators and Other Database Professionals • Your role: Intermediate-to-advanced level SQL Server database administrator, architect, developer, or performance tuning expert • Prerequisites: Basic understanding of database administration procedures

Pro SQL Server 2008 Analysis Services

SQL Server 2017 Administration Inside Out

Microsoft SQL Server 2008 Internals

Pro SQL Server 2008 Policy-Based Management

Beginning T-SQL

Professional SQL Server 2005 Administration

John Wiley & Sons

Professional Microsoft SQL Server 2008 Programming

John Wiley & Sons

Pro SQL Server 2008 Failover

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Clustering is dedicated to the planning, implementation, and administration of clustered SQL Server 2008

implementations. Whether deploying a single-instance, two-node cluster or a multiple-node, many-instance cluster for consolidation, this book will detail all of the considerations and pitfalls that may be encountered along the way. Clustering and high-availability expert Allan Hirt shares his many years of wisdom and experience, showing how to put together the right combination of people, processes, technology, and best practices to create and manage world-class, highly available SQL Server 2008 failover clusters. Provides a comprehensive look at SQL Server 2008 failover clustering from the first steps of planning to daily administration Goes beyond just SQL Server 2008 and also

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covers Windows Server 2008 clustering in depth with a SQL Server focus Covers how and where virtualization can be used with failover clusters Addresses the needs of enterprise-class, 24/7 SQL Server 2008 implementations Written by the leading expert on SQL Server failover clustering

Delve inside the core SQL Server engine—and put that knowledge to work—with guidance from a team of well-known internals experts. Whether database developer, architect, or administrator, you'll gain the deep knowledge you need to exploit key architectural changes—and capture the product's full potential. Discover how SQL Server works behind the scenes, including: What happens internally when SQL Server builds, expands, shrinks, and moves

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databases How to use event tracking—from triggers to the Extended Events Engine Why the right indexes can drastically reduce your query execution time How to transcend normal row-size limits with new storage capabilities How the Query Optimizer operates Multiple techniques for troubleshooting problematic query plans When to force SQL Server to reuse a cached query plan—or create a new one What SQL Server checks internally when running DBCC How to choose among five isolation levels and two concurrency models when working with multiple concurrent users Teach yourself the Multidimensional Expressions (MDX) query language—one step at a time. With this practical, learn-by-doing tutorial, you'll build the core techniques for

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using MDX with Analysis Services to deliver high-performance business intelligence solutions. Discover how to:

- Construct and execute MDX queries
- Work with tuples, sets, and expressions
- Build complex sets to retrieve the exact data users need
- Perform aggregation functions and navigate data hierarchies
- Assemble time-based business metrics
- Customize an Analysis Services cube through the MDX script
- Implement dynamic security to control data access
- Develop MDX-driven reports in SQL Server Reporting Services
- CD features: Practice exercises Database and code samples

Fully searchable eBook

Beginning Spatial with SQL Server 2008

Pro SQL Server 2008 Reporting Services

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"Wrox Programmer to
Programmer"--Cover

Microsoft SQL Server 2012 Bible
Professional Microsoft SQL Server
2008 Integration Services

Harness the powerful new SQL Server 2012 Microsoft SQL Server 2012 is the most significant update to this product since 2005, and it may change how database administrators and developers perform many aspects of their jobs. If you're a database administrator or developer, Microsoft SQL Server 2012 Bible teaches you everything you need to take full advantage of this major release. This detailed guide not only covers all the new features of SQL Server 2012, it also shows you step by step how to develop top-notch SQL Server databases and new data connections and keep your databases performing at peak. The book is

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crammed with specific examples, sample code, and a host of tips, workarounds, and best practices. In addition, downloadable code is available from the book's companion web site, which you can use to jumpstart your own projects. Serves as an authoritative guide to Microsoft's SQL Server 2012 for database administrators and developers Covers all the software's new features and capabilities, including SQL Azure for cloud computing, enhancements to client connectivity, and new functionality that ensures high-availability of mission-critical applications Explains major new changes to the SQL Server Business Intelligence tools, such as Integration, Reporting, and Analysis Services Demonstrates tasks both graphically and in SQL code to enhance your learning Provides source code from the

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companion web site, which you can use as a basis for your own projects Explores tips, smart workarounds, and best practices to help you on the job Get thoroughly up to speed on SQL Server 2012 with Microsoft SQL Server 2012 Bible.

Beginning SQL Server 2008 Administration is essential for anyone wishing to learn about implementing and managing SQL Server 2008 database. From college students, to experienced database administrators from other platforms, to those already familiar with SQL Server and wanting to fill in some gaps of knowledge, this book will bring all readers up to speed on the enterprise platform Microsoft SQL Server 2008. Clearly describes relational database concepts Explains the SQL Server database engine and supporting tools Shows various

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database maintenance scenarios

Every business has reams of business data locked away in databases, business systems, and spreadsheets. While you may be able to build some reports by pulling a few of these repositories together, actually performing any kind of analysis on the data that runs your business can range from problematic to impossible. Pro SQL Server 2008

Analysis Services will show you how to pull that data together and present it for reporting and analysis in a way that makes the data accessible to business users, instead of needing to rely on the IT department every time someone needs a different report.

Accessible—With a single author's voice, this book conducts a guided tour through the technology that makes it easy to dive into.

Solution-oriented—While technically

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deep, the goal is to focus on practical application of the technologies instead of acting as a technical manual.

Comprehensive—This book covers every aspect of analysis services and ancillary technologies to enable you to make the most of SQL Server.

Provides information on the features and functions of Reporting Services to turn enterprise data into a variety of reports.

Knight's 24-Hour Trainer

Beginning Microsoft SQL Server 2008 Programming

Microsoft SQL Server 2008 Reporting Services Unleashed

Beginning SQL Server 2008

Administration

Beginning T-SQL with Microsoft SQL Server 2005 and 2008

400+ ready-to-use, powerful SQL queries Learn powerful

techniques for surfacing and delivering actionable business intelligence using SQL. Practical SQL Queries for Microsoft SQL Server 2008 R2 contains more than 400 downloadable SQL queries you can use to extract meaningful insights from large amounts of data. The application, syntax, and results of each query are described in detail. The book emphasizes SQL for use in SSMS, but the queries also apply to SSRS, WinForms, WebForms, and many other applications. Enter, maintain, and retrieve database data Search records using the Where clause Sort SQL query results with the Order By clause Create tables and perform joins on tables Perform set operations using Union, Intersect, and

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Except Group data and produce totals with the Group By clause Manipulate and transform data using built-in functions Create reusable views and user-defined functions Use stored procedures to change SQL dynamically based on conditional factors Create, maintain, and secure database objects with DDL and DCL Deliver SQL query results to end users This book is written for SQL Server 2008. However, it does maintain roots going back a few versions and looks out for backward compatibility issues with SQL Server 2005 and SQL Server 2000. These versions are old enough that there is little to no time spent on them except in passing. The book is oriented around developing on SQL server.

Most of the concepts are agnostic to what client language you use although the examples that leverage a client language general do so in C#. For those who are migrating from early versions of SQL Server, some “gotchas” that exist any time a product has versions are discussed to the extent that they seem to be a genuinely relevant issue. This book assumes that you have some experience with SQL Server and are at an intermediate to advanced level. The orientation of the book is highly developer focused. While there is a quick reference-oriented appendix, there is very little coverage given to beginner level topics. It is assumed that you already have experience with data

manipulation language (DML) statements and know the basics of the mainstream SQL Server objects (views, stored procedures, user defined functions, etc.). If you would like to brush up on your knowledge before diving into this book, the author recommends reading *Beginning SQL Server 2008 Programming* first. There is very little overlap between the *Beginning* and *Professional* books and they are designed to work as a pair. When used with the MDX query language, *SQL Server Analysis Services* allows developers to build full-scale database applications to support such business functions as budgeting, forecasting, and market analysis. Shows readers how to build data

warehouses and multi-dimensional databases, query databases, and use Analysis Services and other components of SQL Server to provide end-to-end solutions Revised, updated, and enhanced, the book discusses new features such as improved integration with Office and Excel 2007; query performance enhancements; improvements to aggregation designer, dimension designer, cube and dimension wizards, and cell writeback; extensibility and personalization; data mining; and more

Beginning T-SQL is a performance-oriented introduction to the T-SQL language underlying the Microsoft SQL Server database engine. T-SQL is essential in

writing SQL statements to get data into and out of a database. T-SQL is the foundation for business logic embedded in the database in the form of stored procedures and functions. Beginning T-SQL starts you on the path to mastering T-SQL, with an emphasis on best-practices and sound coding techniques leading to excellent performance. This new edition is updated to cover the essential features of T-SQL found in SQL Server 2014, 2012, and 2008. Beginning T-SQL begins with an introduction to databases, normalization, and to SQL Server Management Studio. Attention is given to Azure SQL Database and how to connect to remote databases in the cloud. Each subsequent chapter teaches

an aspect of T-SQL, building on the skills learned in previous chapters. Exercises in most chapters provide an opportunity for the hands-on practice that leads to true learning and distinguishes the competent professional. Important techniques such as windowing functions are covered to help write fast executing queries that solve real business problems. A stand-out feature in this book is that most chapters end with a "Thinking About Performance" section. These sections cover aspects of query performance relative to the content just presented. They'll help you avoid beginner mistakes by knowing about and thinking about performance from Day 1. Imparts

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***best practices for writing T-SQL
Helps you avoid common errors
Shows how to write scalable code
for good performance***

***From Novice to Professional
Pro SQL Server 2008 Service
Broker***

***Microsoft SQL Server 2008 R2
Master Data Services***

***Programming Microsoft SQL
Server 2008***

***Smart Business Intelligence
Solutions with Microsoft SQL
Server 2008***

***If you need to deploy,
manage, or secure Microsoft
SQL Server 2008, this is the
complete, fast-paced, task-
based reference you've been
searching for. Authored by a
world-class expert on SQL
Server in the enterprise,***

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this book goes far beyond the basics, taking on the complex tasks that DBAs need to make the most of Microsoft's flagship database platform. SQL Server MVP, Ross Mistry presents proven techniques for SQL Server 2008 installation, upgrades, backup/restore, data transfer, indexing, high availability, security, and much more. He draws on extensive testing in high-profile production environments to offer step-by-step solutions and powerful tips you won't find anywhere else. Every chapter begins with a section identifying SQL Server

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2008's most significant new improvements, and concludes with a convenient summary of best practices. Each chapter also outlines the benefits of leveraging Windows Server 2008. Understand how to: Master DBA tips, tricks, and best practices proven in actual enterprise environments Install, upgrade or transition to SQL Server 2008. Harden and Secure an implementation. Encrypt SQL Server from an end-to-end perspective. Implement high availability—and leverage SQL Server 2008's major improvements to failover clustering and database mirroring Save time with SQL

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*Server 2008's new policy-based management tools
Performance tune and
troubleshoot a SQL Server
2008 environment. Optimize
application performance and
manage workloads with the
powerful new Resource
Governor Implement
Performance Studio,
maintenance plans,
Transparent Data Encryption
and much more... Bonus
Content: The book is based
on Windows Server 2008 Step
by step instructions of how
to implement a failover
cluster on Windows Server
2008 SQL Server PowerShell
Administration Tasks
Consolidate and virtualize
SQL Server with Hyper-V Step*

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by step instructions on how to install Hyper-V Proactively Monitor SQL Server with Operations Manager Install Windows Server 2008 certificates to encrypt SQL Server data Contributing Writers include: Hilary Cotter - SQL Server MVP John Welch - SQL Server MVP Marco Shaw - PowerShell MVP Maciej Pilecki - SQL Server MVP Shirmattie Seenarine - Technical Writer

Extend your programming skills with a comprehensive study of the key features of SQL Server 2008. Delve into the new core capabilities, get practical guidance from expert developers, and put

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*their code samples to work.
This is a must-read for
Microsoft .NET and SQL
Server developers who work
with data access—at the
database, business logic, or
presentation levels.
Discover how to: Query
complex data with powerful
Transact-SQL enhancements
Use new, non-relational
features: hierarchical
tables, native file
streaming, and geospatial
capabilities Exploit XML
inside the database to
design XML-aware
applications Consume and
deliver your data using
Microsoft LINQ, Entity
Framework, and data binding
Implement database-level*

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encryption and server auditing Build and maintain data warehouses Use Microsoft Excel to build front ends for OLAP cubes, and MDX to query them Integrate data mining into applications quickly and effectively. Get code samples on the Web. SQL Server 2008 is how-to guide for experienced DBAs. Tutorial-based, this book will get you over the learning curve of how to configure and administer SQL Server 2008. Whether you're an administrator or developer using SQL Server, you can't avoid wearing a DBA hat at some point. The book is loaded with unique

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tips and workarounds for the most difficult SQL Server admin issues, including managing and monitoring SQL Server, automating administration, security, performance tuning, scaling and replications, clustering, and backup and recovery. A companion website is also available. Design and implement fast, scalable and maintainable cubes with Microsoft SQL Server 2008 Analysis Services with this book and eBook

Professional SQL Server 2005 Administration

Beginning SQL Server 2005 for Developers

Professional SQL Server 2008

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Administration

Internals and

Troubleshooting

Practical SQL Queries for

Microsoft SQL Server 2008 R2

Expert Cube Development with

Microsoft SQL Server 2008

Analysis Services

Get the end-to-end

instruction you need to

design, develop, and

deploy more effective data

integration, reporting,

and analysis solutions

using SQL Server

2008—whether you're new to

business intelligence (BI)

programming or a seasoned

pro. With real-world

examples and insights from

an expert team, you'll

master the concepts,

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tools, and techniques for building solutions that deliver intelligence—and business value—exactly where users want it.

Discover how to: Manage the development life cycle and build a BI team Dig into SQL Server Analysis Services, Integration Services, and Reporting Services Navigate the Business Intelligence Development Studio (BIDS) Write queries that rank, sort, and drill down on sales data Develop extract, transform, and load (ETL) solutions Add a source code control system

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Help secure packages for deployment via encryption and credentials Use MDX and DMX Query Designers to build reports based on OLAP cubes and data mining models Create and implement custom objects using .NET code View reports in Microsoft Office Excel and Office SharePoint Serverook If you've not programmed with Transact-SQL, this book is for you.It begins with an overview of SQL Server query operations and tools used with T-SQL, and covers both the 2005 and 2008 releases of SQL

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Server query tools and the query editor. The book then moves to show you how to design and build applications of increasing complexity. Other important tasks covered include full text indexing, optimizing query performance, and application design and security considerations. The companion website also provides all of the code examples from the book. Teach yourself SQL Server 2008—one step at a time. Get the practical guidance you need to build database solutions that solve real-

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world business problems. Learn to integrate SQL Server data in your applications, write queries, develop reports, and employ powerful business intelligence systems. Discover how to: Install and work with core components and tools Create tables and index structures Manipulate and retrieve data Secure, manage, back up, and recover databases Apply tuning plus optimization techniques to generate high-performing database applications Optimize availability through

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clustering, database mirroring, and log shipping Tap business intelligence tools—Reporting, Analysis, and Integration Services CD features: Practice exercises and code samples Fully searchable eBook For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook. Service Broker is a key Microsoft product in support of message-based processing between applications. Pro SQL Server 2008 Service Broker

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helps you to take full advantage of this key Microsoft technology, beginning from the fundamentals, moving through installation and application development, and ultimately showing you how to develop highly available and scalable applications based upon the service-oriented architecture that is quickly gaining ground as the way forward in application development. Comprehensive approach to developing with Service Broker Strong focus on best practices and

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real-world scenarios

*Covers the key aspects of
distributed application
design*

Microsoft SQL Server 2008

MDX Step by Step

Problem, Design, Solution

Microsoft SQL Server 2008

*Analysis Services Step by
Step*

Pro SQL Server 2008

Failover Clustering

*An authoritative guide to
designing effective solutions*

for data cleansing, ETL, and

file management with SQL

Server 2008 Integration

Services SQL Server

Integration Services (SSIS) is

the leading tool in the data warehouse industry, used for performing extraction, transformation, and load operations. After an overview of SSIS architecture, the authors walk you a series of real-world problems and show various techniques for handling them. Shows you how to design SSIS solutions for data cleansing, ETL and file management Demonstrates how to integrate data from a variety of data sources, Shows how to monitor SSIS performance, Demonstrates how to avoid common pitfalls involved with

SSIS deployment Explains how to ensure performance of the deployed solution and effectively handle unexpected system failures and outages The companion Web site provides sample code and database scripts that readers can directly implement This book shows you how to design, build, deploy, and manage solutions to real-world problems that SSIS administrators and developers face day-to-day. Microsoft® SQL Server™ 2008 Reporting Services Unleashed Michael Lisin Jim Joseph Amit Goyal The authoritative,

example-rich guide to Microsoft's powerful reporting platform With Microsoft SQL Server 2008 Reporting Services you can quickly deliver relevant business intelligence data wherever it's needed—across the entire enterprise, and through the entire reporting lifecycle. SQL Server 2008 Reporting Services Unleashed gives you all the authoritative information you'll need to make the most of Microsoft's most powerful reporting platform as a database professional, manager, or user. In-depth coverage makes

this book an ideal reference, and its extensive set of practical examples help you address virtually any challenge in deployment, configuration, administration, or report building. The authors have extensively expanded this edition with deeper reference information, many more practical examples, and insider perspective into Reporting Services 2008's powerful new enhancements. You'll discover how to take full advantage of Reporting Services' significant architectural changes, its flexible new Tablix control,

improved visualization through charts and gauges, deep SharePoint integration through SharePoint Integrated Mode, new output presentation formats, and much more. Understand how to Learn about the new features of Service Pack 1 (SP1) and the SQL Server 2008 R2 release Quickly take advantage of Microsoft's newest SQL Server Reporting Services enhancements Use Reporting Services to identify trends and solve real business problems Master report authoring—from basic, wizard-driven techniques to the cutting edge

***Group, sort, and aggregate data, and define the right scope for your information
Utilize advanced report formatting techniques Work effectively with multidimensional sources
Manage report data sources and models Secure reports against attacks and intrusions
Customize Reporting Services with embedded functions, custom assemblies, URL access, Web Services, and other extensions Thoroughly integrate SQL Server reporting into any SharePoint site
Michael Lisin, lead author of Microsoft SQL Server 2005***

Reporting Services, has years of field experience working with SQL Server Reporting Services at Microsoft and delivering solutions for Microsoft's enterprise customers. Jim Joseph, co-author of Microsoft SQL Server 2005 Reporting Services Unleashed, is an independent contractor with 10 years experience developing custom software solutions in a variety of industries. He has worked with SQL Server Reporting Services since the first beta release. Amit Goyal, lead program manager for

Microsoft's Reporting Services team, has extensive insider's knowledge of SQL Server 2008 Reporting Services. ON THE WEB: Download all examples and source code presented in this book from informit.com/sams Category: Microsoft Databases Covers: Microsoft SQL Server 2008 Reporting Services User Level: Intermediate—Advanced Best Practices for Deploying and Managing Master Data Services (MDS) Effectively manage master data and drive better decision making across your enterprise with detailed

instruction from two MDS experts. Microsoft SQL Server 2008 R2 Master Data Services Implementation & Administration shows you how to use MDS to centralize the management of key data within your organization. Find out how to build an MDS model, establish hierarchies, govern data access, and enforce business rules. Legacy system integration and security are also covered. Real-world programming examples illustrate the material presented in this comprehensive guide. Create a process-agnostic solution

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