

SQL Server Analysis Services Unleashed

An enormous worldwide community of database professionals has eagerly awaited Microsoft SQL Server 2008 Analysis Services. The most powerful analytics toolset Microsoft has ever created, Analysis Services 2008 is the foundation of Microsoft's next-generation Business Intelligence strategy. Microsoft SQL Server 2008 Analysis Services Unleashed is the first book to offer the comprehensive insights these professionals need to build enterprise-class OLAP solutions with Analysis Services 2008 rapidly and efficiently. Using this book, developers, architects, and DBAs can create solutions that uncover.

As the foundation of the Microsoft Business Intelligence Strategy, Microsoft SQL Server 2008 Analysis Services provides users with faster access to data and even more tools for managing and analyzing data across multidimensional objects (databases, dimensions, cubes). Microsoft SQL Server 2008 Analysis Services Unleashed is the ultimate guide for anyone who is planning to use the latest version of Analysis Services. It gives readers insight into the way Analysis Services functions, and explains practical methods for designing and creating multidimensional objects. It also provides valuable insight into the reasons behind the design decisions taken by the product development team and how they have been involved with Analysis Services from its earliest days. They have documented in detail the internal features of Analysis Services 2008, explaining server architecture, main data structures, data processing, and query resolution algorithms. Discover the new functionality introduced in Analysis Services 2008 including MDX enhancements and new DMV (dynamic memory views) Work with the Business Intelligence Development Studio, the new Dimension Editor, and Aggregation Designer interfaces Enjoy complete coverage of new Shared Scalable Databases scale-out infrastructure Learn the key concepts of multidimensional modeling Explore the multidimensional object model and its definition language Integrate multidimensional and relational databases Build client applications to access data in Analysis Services Unravel the inner workings of the server architecture, including main data structures, data processing, and query resolution algorithms Learn the main concepts of the MDX language and gain an in-depth understanding of advanced MDX concepts Gain a deeper understanding of the internal and external protocols for data transfer, including the XML/A protocol Discover how Analysis Services manages memory Explore the security model, including role-based security, code-access security, and data security Category: Microsoft SQL Server Covers: Microsoft SQL Server 2008 Analysis Services User Level: Intermediate-Advanced

Microsoft SQL Server 2008 Analysis Services UnleashedPearson Education

All media to load large companies have to deal with data being stored in a number of databases, spreadsheets and proprietary applications. Bringing all this data together into one system can be useful to analyzing the business, but can also be quite difficult to do. Integration Services is the next big hit in Microsoft's business intelligence lineup, providing you with true enterprise extract transform and load features (ETL). Microsoft SQL Server 2005 Integration Services concentrates on providing you with real world solutions to real world problems, giving you a head start on various projects. If you are only evaluating Integration Services, you'll be able to focus on the early chapters with Windows Server 2012 Unleashed

MDX with Microsoft SQL Server 2008 R2 Analysis Services Cookbook

Microsoft SQL Server 2008 Reporting Services Unleashed

Microsoft SQL Server 2012 Bible

Microsoft SQL Server 2000 DBA Survival Guide

Book + Content Update Program SQL Server 2016 High Availability Unleashed provides start-to-finish coverage of SQL Server's powerful high availability (HA) solutions for your traditional on-premise databases, cloud-based databases (Azure or AWS), hybrid databases (on-premise coupled with the cloud), and your emerging Big Data solutions. This complete guide introduces an easy-to-follow, formal HA methodology that has been refined over the past several years and helps you identify the right HA solution for your needs. There is also additional coverage of both disaster recovery and business continuity and how they are provided with step-by-step guides, examples, and sample code to help you set up, manage, and administer these highly available solutions. All examples are based on existing production deployments at major Fortune 500 companies around the globe. This book is for all intermediate-to-advanced SQL Server and Big Data professionals, but is also organized so that the first few chapters are great foundation reading for CIOs, CFOs, and even some tech-savvy CFOs. Learn a highly available methodology for understanding and selecting the right HA solution for your needs Deep dive into Microsoft Cluster Services Use selective data replication topologies Explore thorough details on AlwaysOn and availability groups Learn about HA options with log shipping and database mirroring/ snapshots Get details on Microsoft Azure for Big Data and Azure SQL Explore business continuity and disaster recovery Learn about on-premise, cloud, and hybrid deployments Provide all types of database needs, including online transaction processing, data warehouse and business intelligence, and Big Data Explore the future of HA and disaster recovery in addition, this book is part of InformIT's exciting Content Update Program, which provides content updates for major technology improvements! As significant updates are made to SQL Server, sections of this book will be updated or new sections will be added to match the updates to the technologies. As updates become available, they will be delivered to you via a free Web Edition of this book, which can be accessed with any Internet connection. To learn more, visit informit.com/cup. How to access the Web Edition: Follow the instructions inside to learn how to register your book to access the FREE Web Edition.

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 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.

As the foundation of the Microsoft Business Intelligence Strategy, Microsoft SQL Server 2008 Analysis Services provides users with faster access to data and even more tools for managing and analyzing data across multidimensional objects (databases, dimensions, cubes). Microsoft SQL Server 2008 Analysis Services Unleashed is the ultimate guide for anyone who is planning to use the latest version of Analysis Services. It gives readers insight into the way Analysis Services functions, and explains practical methods for designing and creating multidimensional objects. It also provides valuable insight into the reasons behind the design decisions taken by the product development team. The authors have been involved with Analysis Services from its earliest days. They have documented in detail the internal features of Analysis Services 2008, explaining server architecture, main data structures, data processing, and query resolution algorithms. Discover the new functionality introduced in Analysis Services 2008 including MDX enhancements and new DMV (dynamic memory views) Work with the Business Intelligence Development Studio, the new Dimension Editor, and Aggregation Designer interfaces Enjoy complete coverage of new Shared Scalable Databases scale-out infrastructure Learn the key concepts of multidimensional modeling Explore the multidimensional object model and its definition language Integrate multidimensional and relational databases Build client applications to access data in Analysis Services Unravel the inner workings of the server architecture, including main data structures, data processing, and query resolution algorithms Learn the main concepts of the MDX language and gain an in-depth understanding of advanced MDX concepts Gain a deeper understanding of the internal and external protocols for data transfer, including the XML/A protocol Discover how Analysis Services manages memory Explore the security model, including role-based security, code-access security, and data security Category: Microsoft SQL Server Covers: Microsoft SQL Server 2008 Analysis Services User Level: Intermediate-Advanced \$59.99 USA / \$65.99 CAN / £38.99 NET UK ±

This is the industry 's most comprehensive and useful guide to SQL Server 2008 and 2008 R2. It presents start-to-finish coverage of SQL Server 's core database server and management capabilities, plus complete introductions to Integration, Reporting, and Analysis Services, application development, and much more. Four expert SQL Server administrators, developers, and consultants have packed this book with real-world information, tips, guidelines, and samples drawn from their own extensive experience creating and managing complex database solutions. Writing for intermediate-to-advanced-level SQL Server professionals, they focus on the product 's most complex and powerful capabilities, and its newest tools and features. For example, you 'll find invaluable information on administering SQL Server more efficiently, analyzing and optimizing queries, implementing data warehouses, ensuring high availability, and tuning performance. The accompanying CD-ROM contains an extraordinary library of practical tools and information including sample databases and all code examples. Whether you 're responsible for SQL Server 2008 analysis, design, implementation, support, administration, or troubleshooting, no other book offers you this much value. Understand the Microsoft SQL Server 2008 environment, R2 's newest features, and each edition 's capabilities Manage SQL Server 2008 more effectively with SQL Server Management Studio, the SQLCMD command-line query tool, and PowerShell Efficiency manage security, users, backup/restore, replication, Database Mail, and indexes to stored procedures and triggers Increase availability with clustering, database mirroring, and other features Use new Policy-Based Management to centrally configure and operate SQL Server throughout the organization Use SQL Server Profiler to capture queries and identify bottlenecks Improve performance by optimizing queries, design more effective databases, and manage workloads with the new Resource Governor Develop applications using SQL Server 2008 's enhancements to T-SQL and SQLCLR, .NET integration, LINGQ to SQL, XML, and XQuery Make the most of Analysis Services, Integration Services, and Reporting Services—especially Microsoft 's new R2 reporting improvements Improve data security using Column-Level and Transparent Data Encryption CD-ROM includes: 15 additional chapters Code samples, scripts, and databases utilized within the book Free version of SQL Shot (performance & tuning software)

Tabular Modeling in Microsoft SQL Server Analysis Services

Microsoft Expert Cube Development with Microsoft SQL Server 2008 Analysis Services

Microsoft SQL Server 2005 Integration Services

Data Mining: Practical Machine Learning Tools and Techniques

Build agile and responsive business intelligence solutions Create a semantic model and analyze data using the tabular model in SQL Server 2016 Analysis Services to create corporate-level business intelligence (BI) solutions. Led by two BI experts, you will learn how to build, deploy, and query a tabular model by following detailed examples and best practices. This hands-on book shows you how to use the tabular model 's in-memory database to perform rapid analytics—whether you are new to Analysis Services or already familiar with its multidimensional model. Discover how to • Determine when a tabular or multidimensional model is right for your project • Build a tabular model using SQL Server Data Tools in Microsoft Visual Studio 2015 • Integrate data from multiple sources into a single, coherent view of company information • Choose a data-modeling technique that meets your organization 's performance and usability requirements • Implement security by establishing administrative and data user roles • Define and implement partitioning strategies to reduce processing time • Use Tabular Model Scripting Language (TMSL) to execute and automate administrative tasks • Optimize your data model to reduce the memory footprint for VertiPaq • Choose between in-memory (VertiPaq) and pass-through (DirectQuery) engines for tabular models • Select the proper hardware and virtualization configurations • Deploy and manipulate tabular models from C# and PowerShell using AMO and TOM libraries Get code samples, including complete apps. at: https://aka.ms/tabular/downloads About This Book • For BI professionals who are new to SQL Server 2016 Analysis Services or already familiar with previous versions of the product, and who want the best reference for creating and maintaining tabular models. • Assumes basic familiarity with database design and business analytics concepts.

System Center Operations Manager 2012 Unleashed offers enterprises a complete, integrated platform for adopting and automating service management best practices, such as those found in ITIL and Microsoft's Operations Framework (MOF). Now, there 's a comprehensive, independent reference and technical guide to this powerful product. A team of expert authors offers step-by-step coverage of related topics in every feature area, organized to help IT professionals quickly plan, design, implement, and use Service Manager 2010. After introducing the product and its relationship with the rest of Microsoft 's System Center suite, the authors present authoritative coverage of Service Manager 's capabilities for incident and problem resolution, change control, configuration management, and compliance. Readers will also find expert guidance for integrating Service Manager with related Microsoft technologies. This book is an indispensable resource for every IT professional planning, installing, deploying, and/or administering Service Manager, including ITIL, MOF, and other IT consultants; system administrators; and developers creating customized solutions. • Understand Service Manager 's architecture and components • Discover how Service Manager supports ITIL and MOF processes • Accurately scope and specify your implementation to reflect organizational needs • Plan to provide redundancy, ensure scalability, and support virtualization • Design, deploy, and maintain Service Manager with security in mind • Use Service Manager 's consoles and portals to provide the right resources to each user • Create complete service maps with Service Manager 's business services • Fully automate incident management and ticketing • Implement best processes for identifying and addressing root causes of problems • Systematically manage the life cycle of changes • Use Service Manager to strengthen governance, risk management, and compliance • Customize Service Manager 's data layer, workflows, and presentation layer • Use management packs to simplify service desk customization • Make the most of Service Manager 's reporting and dashboards

SQL Server is the most widely-used database platform in the world, and a large percentage of these databases are not properly secured, exposing sensitive customer and business data to attack. In *Securing SQL Server*, Third Edition, you will learn about the potential attack vectors that can be used to break into SQL server databases as well as how to protect databases from these attacks. In this book, Denny Cherry - a Microsoft SQL MVP and one of the biggest names in SQL server - will teach you how to properly secure an SQL server database from internal and external threats using best practices as well as specific tricks that the author employs in his role as a consultant for some of the largest SQL server deployments in the world. Fully updated to cover the latest technology in SQL Server 2014, this new edition walks you through how to secure new features of the 2014 release. New topics in the book include vLANs, setting up RRAS, anti-virus installs, key management, moving from plaintext to encrypted values in an existing application, Managed Service Accounts, OS rights needed by the DBA, SQL Agent Service, Table Permissions, Views, Stored Procedures, Functions, and more. This book offers a comprehensive, in-depth coverage of all aspects of SQL Server database security, including a wealth of new material on Microsoft SQL Server 2014. Explains how to set up your database securely, how to determine when someone tries to break in, what the intruder has accessed or damaged, and how to respond and mitigate damage if an intrusion occurs.

The industry 's most complete, useful, and up-to-date guide to SQL Server 2014. You 'll find start-to-finish coverage of SQL Server 's core database server and management capabilities: all the real-world information, tips, guidelines, and examples you 'll need to install, monitor, maintain, and optimize the most complex database environments. The provided examples and sample code provide plenty of hands-on opportunities to learn more about SQL Server and create your own viable solutions. Four leading SQL Server experts present deep practical insights for administering SQL Server, analyzing and optimizing queries, implementing data warehouses, ensuring high availability, tuning performance, and much more. You will benefit from their behind-the-scenes look into SQL Server, showing what goes on behind the various wizards and GUI-based tools. You 'll learn how to use the underlying SQL commands to fully unlock the power and capabilities of SQL Server. Writing for all intermediate-to-advanced-level SQL Server professionals, the authors draw on immense production experience with SQL Server. Throughout, they focus on successfully applying SQL Server 2014 's most powerful capabilities and its newest tools and features. Detailed information on how to... Understand SQL Server 2014 's new features and each edition 's capabilities and licensing Install, upgrade to, and configure SQL Server 2014 for better performance and easier management Streamline and automate key administration tasks with Smart Admin Leverage powerful new backup/restore options: flexible backup to URL, Managed Backup to Windows Azure, and encrypted backups Strengthen security with new features for enforcing " least privilege " Improve performance with updatable columnstore indexes, Delayed Durability, and other enhancements Execute queries and business logic more efficiently with memory-optimized tables, buffer pool extension, and natively-compiled stored procedures Control workloads and Disk I/O with the Resource Governor Deploy AlwaysOn Availability Groups and Failover Cluster Instances to achieve enterprise-class availability and disaster recovery Apply new Business Intelligence improvements in Master Data Services, data quality, and Parallel Data Warehouse

MDX with SSAS 2012 Cookbook

Microsoft® SQL Server™ 2008 Analysis Services Unleashed

System Center 2012 Operations Manager Unleashed

Microsoft SharePoint 2010 Business Intelligence Unleashed

Programming Microsoft SQL Server 2008

'System Center Operations Manager 2012 Unleashed' joins Sams' market-leading series of books on Microsoft's System Center product suite: books that have achieved go-to status amongst IT implementers and administrators worldwide. The book provides coverage of planning, installation, and migration; configuration; and much more --

A developer's guide that covers everything needed to build Windows Phone 7.5 mobile apps.

This book is written in a recipe-based style packed full of practical tips and techniques to help you analyse multidimensional data stored in SSAS 2012 cubes. If you need to master MDX queries in SSAS, then this book is for you! If you are a Microsoft SQL Server Analysis Services developer and want to improve your solutions using MDX, then this book is for you. This book is also an essential resource for report developers who need to access the multidimensional cubes through the MDX language. The book assumes you have some basic working knowledge of MDX and a basic understanding of dimensional modelling and cube design.

Microsoft® SQL Server™ 2008 Reporting Services Unleashed Michael Lysin 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 install, configure, and administer Reporting Services in any SharePoint site Michael Lysin, lead author of Microsoft SQL Server 2015 Reporting Services, has years of field experience working with SQL Server Reporting Services at 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*

Microsoft SQL Server 2008 Analysis Services Unleashed

Windows Phone 7.5 Unleashed

Securing SQL Server

Pro SQL Server 2005 Analysis Services

More than 80 recipes for enriching your Business Intelligence solutions with high-performance MDX calculations and flexible MDX queries in this book and eBook.

Data Mining: Practical Machine Learning Tools and Techniques, Third Edition, offers a thorough grounding in machine learning concepts as well as practical advice on applying machine learning tools and techniques in real-world data mining situations. This highly anticipated third edition of the most acclaimed work on data mining and machine learning will teach you everything you need to know about preparing inputs, interpreting outputs, evaluating results, and the algorithmic methods at the heart of successful data mining. Through updates reflect the technical changes and modernizations that have taken place in the field since the last edition, including new material on Data Transformations, Ensemble Learning, Massive Data Sets, Multi-instance Learning, plus a new version of the popular Weka machine learning software developed by the authors. Witten, Frank, and Hall include both tried-and-true techniques of today as well as methods at the leading edge of contemporary research. The book is targeted at information systems practitioners, programmers, consultants, developers, information technology managers, specification writers, data analysts, data modelers, database R&D professionals, data warehouse engineers, data mining professionals. The book will also be useful for professors and students of upper-level undergraduate and graduate-level data mining and machine learning courses who want to incorporate data mining as part of their data management knowledge base and expertise. Provides a thorough grounding in machine learning concepts as well as practical advice on applying the tools and techniques to your data mining projects Offers concrete tips and techniques for performance improvement that work by transforming the input or output in machine learning methods Includes downloadable Weka software toolkit, a collection of machine learning algorithms for data mining tasks—in an updated, interactive interface. Algorithms in toolkit cover: data pre-processing, classification, regression, clustering, association rules, visualization 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 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 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.

This is a comprehensive, expert guide to all facets of planning, deploying, managing, and utilizing the brand-new SharePoint 2010 PerformancePoint Services. Authored by business and technical experts and a key member of the Microsoft PerformancePoint Services development team, this book demonstrates exactly how to apply PerformancePoint Services to gain real-time insight into all aspects of business performance. Writing for architects, implementers, developers, and administrators, the authors combine crucial technical information with hands-on insights for success, including a case study that identifies key challenges throughout the project lifecycle. Along the way, the authors bring together realistic, proven techniques for integrating with SharePoint, Microsoft Office, and enterprise data sources. They implement KPIs and scorecards; design effective dashboards; ensure security; administer PerformancePoint Services; present best-practice solutions; and much more. Determine what you want to measure and plan the best ways to measure it Install SharePoint Server 2010 and configure PerformancePoint Services Create effective, easy-to-understand dashboards with the Dashboard Designer Integrate and use multiple data sources including SQL Server, Excel, and SharePoint Build KPIs quickly using the Scorecard Wizard Incorporate indicators and KPIs into scorecard views Utilize PerformancePoint reports including analytic charts and grids, KPI Details, and both Reporting Services and Excel Services reports Build Structure Maps to visualize sales pipelines, processes, and layouts Secure PerformancePoint data sources, dashboards, and reports Use PerformancePoint APIs to add even more functionality Maintain PerformancePoint Services using SharePoint 2010's tools and settings Streamline PerformancePoint administration with PowerShell and Cmdlets

Applied Microsoft Business Intelligence

System Center 2012 Service Manager Unleashed

Protecting Your Database from Attackers

Microsoft SQL Server 2014 Unleashed

Windows Server 2016 Unleashed (includes Content Update Program)

With this textbook, Vaisman and Zimányi deliver excellent coverage of data warehousing and business intelligence technologies ranging from the most basic principles to recent findings and applications. To this end, their work is structured into three parts. Part I describes "Fundamental Concepts" including multi-dimensional models; conceptual and logical data warehouse design and MDX and SQL/OLAP. Subsequently, Part II details "Implementation and Deployment," which includes physical data warehouse design; data extraction, transformation, and loading (ETL) and data analytics. Lastly, Part III covers "Advanced Topics" such as spatial data warehouses; trajectory data warehouses; semantic technologies in data warehouses and novel technologies like Map Reduce, column-store databases and in-memory databases. As a key characteristic of the book, most of the topics are presented and illustrated using application tools. Specifically, a case study based on the well-known Northwind database illustrates how the concepts presented in the book can be implemented using Microsoft Business Analytics. All chapters are summarized using review questions and exercises to support comprehensive student learning. Supplemental material to assist instructors using this book as a course text is available at http://cs.uab.ac.be/DWSDbook/, including electronic versions of the figures, solutions to all exercises, and a set of slides accompanying each chapter. Overall, students, practitioners and researchers alike will find this book to be the most comprehensive reference work on data warehouses, with key topics described in a clear and educational style.

Design and implement fast, scalable and maintainable cubes with Microsoft SQL Server 2008 Analysis Services with this book and eBook

Leverage the integration of SQL Server and Office for moreeffective BI Applied Microsoft Business Intelligence shows you how toleverage the complete set of Microsoft tools—includingMicrosoft Office and SQL Server—tobetter analyze businessdata. This book provides best practices for building complete BIolutions using the full Microsoft toolset. You will learn how toeffectively use SQL Server Analysis and Reporting Services, alongwith Excel, SharePoint, and other tools to provide effective andcohesive solutions for enterprise. Coverage includes BIarchitecture, data queries, semantic models, multidimensionalmodeling, data analysis and visualization, performance monitoring,data mining, and more, to help you learn to perform practicalbusiness analysis and reporting. Written by an author team thatincludes a key member of the BI product team at Microsoft, thisuseful reference provides expert instruction for more effective useof the Microsoft BI toolset. Use Microsoft BI suite cohesively for more effective enterpriseresolutions Search, analyze, and visualize data more efficiently andcompletely Develop flexible and scalable tabular and multidimensionalmodels Monitor performance, build a BI portal, and deploy and managethe BI Solution

Microsoft SQL Server Integration Services is Microsoft's powerful platform for building enterprise-level data integration and data transformation solutions. It's a powerful product, but it's also complex and can be confusing if you don't have a clear map for the journey. Microsoft SQL Server 2008 Integration Services Unleashed will be the only book you'll need to harness the power that Integration Services provides. Through clear, concise explanations and samples, you'll grasp a clear understanding of working in the Integration Services environment, including how to set up stock components, how to use the various designer features, and how to gain practical knowledge on configuring, deploying, securing, and managing packages. Sample packages are provided to reinforce the discussion and quickly help you gain hands-on experience, and more complex topics such as Data Flow Task internals and tuning, advanced transformations, and writing custom components are all illustrated in easy-to-understand graphics. In addition, there several custom tasks and transformations and two useful utilities with full source code available for you to use and study, including an ADO.NET destination, a text file encryption task, and a data profiling framework. Detailed information on: Using the powerful Integration Services tools to create solutions without the need to write lines of code Creating packages programmatically or developing custom tasks via the Integration Services Object Builder Building robust packages to solve common requirements Securing packages in different environments Using often overlooked or unknown platform features Setting up all the stock components, including data flow components, tasks, Foreach enumerators, connection managers, and log providers Writing robust and useful custom tasks Building packages that seamlessly deploy to other environments Writing custom data flow adapters and transforms Using script tasks and components Easily modifying configurations for multiple packages simultaneously Writing a Task UI that looks just like the stock components

Hardware, ehome, Connected Home, SQL Server, and Office Business Platform. He was the development manager for Integration Services and the primary designer for the runtime, as well as many of the tasks. He has written a number of articles for SQL Server Magazine, speaks regularly at industry events, writes profusely on his personal and MSDN blog, and holds 35 patents or patents pending. Category: Microsoft SQL Server Covers: Microsoft SQL Server 2008 Integration Services User Level: Intermediate-Advanced

System Center 2012 Configuration Manager (SCCM) Unleashed

Wind Serv 2012 Unleash _c1

Microsoft Office PerformancePoint Services 2010 Unleashed

Microsoft SQL Server 2012 Unleashed

Microsoft SQL Server 2008 R2 Unleashed

Book + Content Update Program This is the most comprehensive and realistic guide to Windows Server 2016 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2016's key innovations, from the cloud and containers to security and mobility. Windows Server 2016 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2016 in large-scale environments since its earliest alpha releases. Microsoft MVP Rand Morimoto and colleagues fully address all aspects of deploying and operating Windows Server 2016, including Active Directory, networking, application services, security, administration, business continuity, virtualization, optimization, and troubleshooting. You'll find up-to-the-minute coverage of new features ranging from Storage Spaces Direct to Cluster-Aware Updating, and Dynamic Access Control to Nano Server. Valuable for Windows pros at all levels, this book will be indispensable especially for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments—practical help for solving real problems. Detailed information on how to: Take full advantage of key Windows Server 2016 Innovations Plan, prototype, install, migrate to, and deploy Windows Server 2016 and Server Core Create a modern Active Directory environment Upgrade from OTIS and Infrastructure to Federated Forests and Lightweight Directories Deliver reliable networking services: DNS, WINS, DNSSEC, DHCP, IP, IPAM, and IS Systematically harden server-level security Protect data in transit with PKI, certificates, rights management, and IPsec encryption Safely provide appropriate remote and mobile access for your users Efficiently administer, automate, maintain, and document Windows Server production environments Control Windows devices centrally with Group Policies and Policy Management Implement advanced fault tolerance, clustering, and other business continuity features Optimize, tune, and debug Windows Server, and plan for growth Leverage integrated application services, including SharePoint and Hyper-V In addition, this book is part of InformIT's Content Update Program, which provides content updates for major technology improvements! As significant updates are made to Windows Server 2016, sections of this book will be updated or new sections will be added to match the updates to the technologies. As updates become available, they will be delivered to you via a free Web Edition of this book, which can be accessed with any Internet connection. To learn more, visit informit.com/cup. How to access the Web Edition: Follow the instructions in the book to learn how to register your book to access the FREE Web Edition.

This comprehensive resource will help you automate and optimize all facets of service management with System Center 2012 Service Manager. Expert consultants offer deep "in the trenches" insights for improving problem resolution, change control, release management, asset lifecycle management, chargeback, and more. You'll learn how to implement high-value best practices from ITIL and the Microsoft Operations Framework. The authors begin with an expert overview of Service Manager, its evolution, and its new capabilities. Next, they walk through overall planning, design, implementation, and upgrades. Then, to help you focus your efforts, they present stepwise coverage of all topics in each feature area, linking technical information about Service Manager with essential knowledge about the technologies it depends on. Whatever your role in deploying or running Service Manager, this guide will help you deliver more responsive support at lower cost and drive more value from all your IT investments. • Leverage MOF and ITIL processes built into System Center 2012 Service Manager • Plan and design your Service Manager deployment • Install Service Manager or upgrade from earlier versions • Efficiently administer work and configuration items • Use connectors to integrate with Active Directory, Exchange, and System Center components • Create service maps • Enable end user access through Service Manager's self-service portal • Implement incident, problem, change, and release management • Utilize workflows to automate key support processes • Create service level agreements with calendars, metrics, and objectives • Provide quick access to a standardized catalog of services • Use notification to ensure that Service Manager items are promptly addressed • Secure Service Manager and its data warehouse/reporting platform • Perform maintenance, backup, and recovery • Manage Service Manager performance • Customize Service Manager

This is the comprehensive reference and technical guide to Microsoft System Center Configuration Manager 2012. A team of expert authors offers step-by-step coverage of related topics in every feature area, organized to help IT professionals rapidly optimize Configuration Manager 2012 for their requirements, and then deploy and use it successfully. The authors begin by introducing Configuration Manager 2012 and its goals, and explaining how it fits into the broader System Center product suite. Next, they fully address planning, design, and implementation. Finally, they systematically cover each of Configuration Manager 2012's most important feature sets, addressing issues ranging from configuration management to software distribution. Readers will learn how to use Configuration Manager 2012's user-centric capabilities to provide anytime/anywhere services and software, and to strengthen both control and compliance. The first book on Configuration Manager 2012, System Center Configuration Manager 2012 Unleashed joins Sams' market-leading series of books on Microsoft's System Center product suite: books that have achieved go-to status amongst IT implementers and administrators worldwide.

The ultimate guide for anyone who is planning to use the latest version of Analysis Services. It gives readers insight into the way Analysis Services functions, and explains practical methods for designing and creating multidimensional objects. It also provides valuable insight into the reasons behind the design decisions taken by the product development team.

Microsoft SQL Server 2012 Integration Services Design Patterns

Design and Implementation

MDX with Microsoft SQL Server 2016 Analysis Services Cookbook

Microsoft Visual Studio LightSwitch Unleashed

Microsoft SQL Server 2000 Unleashed, 2E offers a variety of topics for system and database administrators to help them learn new features of the product and to solve problems they face on a daily basis. It shows them how to build upon their working knowledge of the product and take their experience and knowledge to a higher level. This new edition of Microsoft SQL Server 2000 Unleashed covers the latest updates and service packs to SQL Server 2000, including full support for XML, notification services, and SQL Server CE.

Instructs on how to use the business application software, including directions on building data-centric applications, customizing reports, aggregating data, and streamlining deployment to the Windows Azure cloud.

Organized into several parts, this book covers the various jobs and tasks the DBA performs, each chapter of this book is presented with the goal of providing knowledge and "know-how" to Database Administrators of a SQL Server database. The chapters also offer real-world insight and experience by passing on tips, tricks, and suggestions.

By the print version of Microsoft SQL Server 2012 Unleashed and get the eBook version for free! eBook version includes chapters 44-60 not included in the print. See inside the book for access code and details. With up-to-the-minute content, this is the industry's most complete, useful, experience guide to SQL Server 2012. You'll find start-to-finish coverage of SQL Server's core database server and management capabilities: all the real-world information, tips, guidelines, and samples you'll need to create and manage complex database solutions. The additional online chapters add extensive coverage of SQL Server Integration Services, Reporting Services, Analysis Services, T-SQL programming, .NET Framework integration, and much more. Authored by four expert SQL Server administrators, designers, developers, architects, and consultants, this book reflects immense experience with SQL Server in production environments. Intended for intermediate-to-advanced-level SQL Server professionals, it focuses on the product's most complex and powerful capabilities, and its newest tools and features. Understand SQL Server 2012's new capabilities, licensing changes, and capabilities of each edition Manage SQL Server 2012 more effectively with SQL Server Management Studio, the SQLCMD command-line query tool, and PowerShell Use Policy-Based Management to centrally configure and operate SQL Server Utilize the new Extended Events trace capabilities within SSMS Maximize performance by optimizing design, queries, analysis, and workload management Implement new best practices for SQL Server high availability Deploy AlwaysOn Availability Groups and Failover Cluster Instances to achieve enterprise-class availability and disaster recovery Leverage new business intelligence improvements, including Master Data Services, Data Quality Services and Parallel Data Warehouse Deliver better full-text search with SQL Server 2012's new Semantic Search Improve reporting with new SQL Server 2012 Reporting Services features Download the following from informit.com/title/9780672336928: Sample databases and code examples

Microsoft SQL Server 2008 Integration Services Unleashed

Data Warehouse Systems

Microsoft System Center 2012 Unleashed

Microsoft SQL Server 2000 Unleashed

System Center Service Manager 2010 Unleashed

Skype for Business Unleashed This is the most comprehensive, realistic, and useful guide to Skype for Business Server 2015, Microsoft's most powerful unified communications system. Four leading Microsoft unified communications consultants share in-the-trenches guidance for planning, integration, migration, deployment, administration, and more. The authors thoroughly introduce Skype for Business 2015's components and capabilities, as well as changes and improvements associated with the integration of popular Skype consumer technologies. You'll find detailed coverage of IP voice, instant messaging, conferencing, and collaboration; and expert guidance on server roles, multi-platform clients, security, and troubleshooting. Reflecting their unsurpassed experience, the authors illuminate Microsoft's new cloud-based and hybrid cloud architectures for unified communications, showing how these impact networking, security, and Active Directory. They cover a CDN for unified communications, Stenoprotection with consumer Skype and legacy video conferencing, quality optimization, mobile improvements, and much more. Throughout, the authors combine theory, step-by-step configuration instructions, and best practices from real enterprise environments. Simply put, you'll learn what works—and how it's done. Detailed information on How To • Plan deployments, from simple to highly complex • Deploy Skype for Business Server 2015 as a cloud or cloud-hybrid solution • Walk step by step through installation or an in-place upgrade • Overcome "gotchas" in migrating from Lync Server 2010 or 2013 • Leverage new features available only in cloud or cloud-hybrid environments • Implement and manage Mac, mobile, Windows, browser, and virtualized clients • Establish server roles, including front end, edge, and mediation server • Make the most of Skype for Business Server 2015's enhanced mobile experience •

Manage external dependencies: network requirements, dependent services, and security infrastructure · Efficiently administer Skype for Business Server 2015 · Provide for high availability and disaster recovery · Integrate voice, telephony, and video, step by step · Avoid common mistakes, and discover expert solutions and workarounds Category: Business Applications Covers: Skype for Business User Level: Intermediate—Advanced
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 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 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.

This is the most comprehensive and realistic guide to Windows Server 2012 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2012's key innovations, including improved virtualization components, enhanced security tools, new web and management resources, and Windows 8 integration. Windows Server 2012 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2012 in large-scale environments since its earliest alpha releases, reaching back more than two years prior to its official launch. Microsoft MVP Rand Morimoto and his colleagues fully address every aspect of deploying and operating Windows Server 2012, including Active Directory, networking and core application services, security, migration from Windows Server 2003/2008, administration, fault tolerance, optimization, troubleshooting, and much more. Valuable for Windows professionals at all skill levels, this book will be especially indispensable for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments: practical information for using Windows Server 2012 to solve real business problems. Plan and migrate from Windows Server 2003 and 2008 Leverage powerful capabilities that are truly new in Windows Server 2012 Install Windows Server 2012 and the GUI-less Windows Server Core Upgrade to Windows Server 2012 Active Directory Utilize advanced AD capabilities including federated forests and identity management Plan and deploy network services, from DNS and DHCP to IPv6, IPAM, and IIS Protect systems and data with server-level security, transport-level security, and security policies Deliver true end-to-end secured anytime/anywhere access to remote/mobile clients Efficiently configure and manage users, sites, OUs, domains, and forests through Server Manager console Create more fault-tolerant environments with DFS, clustering, and Network Load Balancing Leverage major Hyper-V virtualization improvements in availability, redundancy, and guest support Manage Active Directory more efficiently with Active Directory Administrative Center, Best Practice Analyzer, and PowerShell scripts Systematically tune, optimize, debug, and troubleshoot Windows Server 2012

Direct from the Analysis Services (AS) design team, the definitive guide to AS 2008 - with fully updated coverage of all new features. • • Illuminates Analysis Services 2008, the foundation of Microsoft's Business Intelligence strategy, and a key focus of SQL Server 2008. • Gives readers detailed, comprehensive insight into how Analysis Services 2008 functions, and how to get the most out of it. • Authors work on the Analysis Services team at Microsoft; the book is filled with insider knowledge not available elsewhere. An enormous worldwide community of database professionals has eagerly awaited Microsoft SQL Server 2008 Analysis Services. The most powerful analytics toolset Microsoft has ever created, Analysis Services 2008 is the foundation of Microsoft's next-generation Business Intelligence strategy. Microsoft SQL Server 2008 Analysis Services Unleashed is the first book to offer the comprehensive insights these professionals need to build enterprise-class OLAP solutions with Analysis Services 2008 rapidly and efficiently. Using this book, developers, architects, and DBAs can create solutions that uncover new opportunities, give managers actionable insights, and solve real business problems. The authors are key members of the Analysis Services team, and can offer insights and advice not available anywhere else.

SQL Server 2016 High Availability Unleashed (includes Content Update Program)
SharePoint 2010 is today's leading presentation and deployment system for Business Intelligence (BI) solutions based on Microsoft technologies. This book brings together all the information you need to successfully implement and use SharePoint 2010's powerful BI capabilities. It reflects the unsurpassed real-world experience of five expert consultants at RDA, a Microsoft Gold Partner specializing in delivering advanced BI solutions with SharePoint. You'll first learn how to prepare SharePoint 2010 for the deployment of BI solutions. Next, the authors walk through integrating, configuring, and using Reporting Services, PerformancePoint Services, PowerPivot, Visio Services, and other key related technologies. Building on what you've learned, you'll walk step-by-step through constructing and integrating two end-to-end BI solutions. Finally, in a comprehensive troubleshooting section, the authors present today's most common SharePoint BI issues, identify proven solutions, and teach effective problem-solving techniques. Get started fast, by using the Business Intelligence Center's prebuilt site collection and template Build integrated, end-to-end SharePoint BI solutions Present business data to the enterprise through Excel Services Install, configure, and integrate Reporting Services and the Reporting Services Add-In for SharePoint Define document library content types and manage reports Use Report Viewer Web Parts to render reports on SharePoint web pages Build enterprise dashboards with PerformancePoint Services Secure dashboards via data source delegation, SharePoint permissions, and groups Analyze enormous datasets with PowerPivot for Excel and SharePoint Publish Visio 2010 data-driven web diagrams that integrate multiple data sources Utilize the fine-grained security available through Visio Graphics Service Troubleshoot problems with Reporting Services, PerformancePoint Services, PowerPivot, and Visio Services

Presents a guide to the newest version of Microsoft System Center, providing instructions and tips on asset management, security reporting, and data protection within managed environments for data centers and cloud environments.

SQL Server 2012 Integration Services Design Patterns is a book of recipes for SQL Server Integration Services (SSIS). Design patterns in the book show how to solve common problems encountered when developing data integration solutions. Because you do not have to build the code from scratch each time, using design patterns improves your efficiency as an SSIS developer. In SSIS Design Patterns, we take you through several of these snippets in detail, providing the technical details of the resolution. SQL Server 2012 Integration Services Design Patterns does not focus on the problems to be solved; instead, the book delves into why particular problems should be solved in certain ways. You'll learn more about SSIS as a result, and you'll learn by practical example. Where appropriate, SQL Server 2012 Integration Services Design Patterns provides examples of alternative patterns and discusses when and where they should be used. Highlights of the book include sections on ETL Instrumentation, SSIS Frameworks, and Dependency Services. Takes you through solutions to several common data integration challenges

Demonstrates new features in SQL Server 2012 Integration Services Teaches SSIS using practical examples

Over 70 practical recipes to analyze multi-dimensional data in SQL Server 2016 Analysis Services cubes About This Book Updated for SQL Server 2016, this book helps you take advantage of the new MDX commands and the new features introduced in SSAS Perform time-related, context-aware, and business related-calculations with ease to enrich your Business Intelligence solutions Collection of techniques to write flexible and high performing MDX queries in SSAS with carefully structured examples Who This Book Is For This book is for anyone who has been involved in working with multidimensional data. If you are a multidimensional cube developer, a multidimensional database administrator, or a report developer who writes MDX queries to access multidimensional cube, this book will help you. If you are a power cube user or an experienced business analyst, you will also find this book invaluable in your data analysis. This book is for you are interested in doing more data analysis so that the management can make timely and accurate business decisions. What You Will Learn Grasp the fundamental MDX concepts, features, and techniques Work with sets Work with Time dimension and create time-aware calculations Make analytical reports compact, concise, and efficient Navigate cubes Master MDX for reporting with Reporting Services (new) Perform business analytics Design efficient cubes and efficient MDX queries Create metadata-driven calculations (new) Capture MDX queries and many other techniques In Detail If you're often faced with MDX challenges, this is a book for you. It will teach you how to solve various real-world business requirements using MDX queries and calculations. Examples in the book introduce an idea or a problem and then guide you through the process of implementing the solution in a step-by-step manner, inform you about the best practices and offer a deep knowledge in terms of how the solution works. Recipes are organized by chapters, each covering a single topic. They start slowly and logically progress to more advanced techniques. In case of complexity, things are broken down. Instead of one, there are series of recipes built one on top of another. This way you are able to see intermediate results and debug potential errors faster. Finally, the cookbook format is here to help you quickly identify the topic of interest and in it a wide range of practical solutions, that is – MDX recipes for your success. Style and approach This book is written in a cookbook format, where you can browse through and look for solutions to a particular problem in one place. Each recipe is short, to the point and grouped by relevancy. All the recipes are sequenced in a logical progression; you will be able to build up your understanding of the topic incrementally.