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FINLEY DAVILA

Microsoft SQL Server 2008 Analysis Services Step by Step Prologika

Leverage the integration of SQL Server and Office for more effective BI Applied Microsoft Business Intelligence shows you how to leverage the complete set of Microsoft tools—including Microsoft Office and SQL Server—to better analyze business data. This book provides best practices for building complete BI solutions using the full Microsoft toolset. You will learn how to effectively use SQL Server Analysis and Reporting Services, along with Excel, SharePoint, and other tools to provide effective and cohesive solutions for the enterprise. Coverage includes BI architecture, data queries, semantic models, multidimensional modeling, data analysis and visualization, performance monitoring, data mining, and more, to help you learn to perform practical business analysis and reporting. Written by an author team that includes a key member of the BI product team at Microsoft, this useful reference provides expert instruction for more effective use of the Microsoft BI toolset. Use Microsoft BI suite cohesively for more effective enterprise solutions Search, analyze, and visualize data more efficiently and completely Develop flexible and scalable tabular and multidimensional models Monitor performance, build a BI portal, and deploy and manage the BI Solution

T-SQL Window Functions Packt Publishing Ltd

Expert tabular modeling techniques for building and deploying cutting-edge business analytical reporting solutions About This Book Build and deploy Tabular Model projects from relational data sources Leverage DAX and create high-performing calculated fields and measures Create ad-hoc reports based on a Tabular Model solution Useful tips to monitor and optimize your tabular solutions Who This Book Is For This book is for SQL BI professionals and Architects who want to exploit the full power of the new Tabular models in Analysis Services. Some knowledge of previous versions of Analysis services would be helpful but is not essential. What You Will Learn Learn all about Tabular services mode and how it speeds up development Build solutions using sample datasets Explore built-in actions and transitions in SSAS 2016 Implement row-column, and role-based security in a Tabular Data model Realize the benefits of in-memory and DirectQuery deployment modes Get up to date with the new features added to SQL Server 2016 Analysis Services Optimize Data Models and Relationships Usage In Detail SQL Server Analysis Service (SSAS) has been widely used across multiple businesses to build smart online analytical reporting solutions. It includes two different types of modeling for analysis services: Tabular and Multi Dimensional. This book covers Tabular

modeling, which uses tables and relationships with a fast in-memory engine to provide state of the art compression algorithms and query performance. The book begins by quickly taking you through the concepts required to model tabular data and set up the necessary tools and services. As you learn to create tabular models using tools such as Excel and Power View, you'll be shown various strategies to deploy your model on the server and choose a query mode (In-memory or DirectQuery) that best suits your reporting needs. You'll also learn how to implement key and newly introduced DAX functions to create calculated columns and measures for your model data. Last but not least, you'll be shown techniques that will help you administer and secure your BI implementation along with some widely used tips and tricks to optimize your reporting solution. By the end of this book, you'll have gained hands-on experience with the powerful new features that have been added to Tabular models in SSAS 2016 and you'll be able to improve user satisfaction with faster reports and analytical queries. Style and approach This book takes a practical, recipe-based approach where each recipe lists the steps to address or implement a solution. You will be provided with several approaches to creating a business intelligence semantic model using analysis services.

The Definitive Guide to DAX Packt Publishing Ltd

Manage and work with business data effectively by learning data modeling techniques and leveraging the latest features of Power BI Key Features Understand data modeling techniques to get the best out of data using Power BI Define the relationships between data to extract valuable insights Solve a wide variety of business challenges by building optimal data models Book Description This book is a comprehensive guide to understanding the ins and outs of data modeling and how to create data models using Power BI confidently. You'll learn how to connect data from multiple sources, understand data, define and manage relationships between data, and shape data models to gain deep and detailed insights about your organization. In this book, you'll explore how to use data modeling and navigation techniques to define relationships and create a data model before defining new metrics and performing custom calculations using modeling features. As you advance through the chapters, the book will demonstrate how to create full-fledged data models, enabling you to create efficient data models and simpler DAX code with new data modeling features. With the help of examples, you'll discover how you can solve business challenges by building optimal data models and changing your existing data models to meet evolving business requirements. Finally, you'll learn how to use some new and advanced modeling features to enhance your data models to carry out a wide variety of complex tasks. By the end of this Power BI book, you'll have gained the skills you need to structure data coming from multiple sources in different

ways to create optimized data models that support reporting and data analytics. What you will learn
 Implement virtual tables and time intelligence functionalities in DAX to build a powerful model
 Identify Dimension and Fact tables and implement them in Power Query Editor Deal with advanced
 data preparation scenarios while building Star Schema Explore best practices for data preparation
 and modeling Discover different hierarchies and their common pitfalls Understand complex data
 models and how to decrease the level of model complexity with different approaches Learn
 advanced data modeling techniques such as aggregations, incremental refresh, and RLS/OLS Who
 this book is for This MS Power BI book is for BI users, data analysts, and analysis developers who
 want to become well-versed with data modeling techniques to make the most of Power BI. You'll
 need a solid grasp on basic use cases and functionalities of Power BI and Star Schema functionality
 before you can dive in.

SQL Server 2019 Administration Inside Out Packt Publishing Ltd

Understand Microsoft's dramatically updated new release of its premier toolset for business
 intelligence The first major update to Microsoft's state-of-the-art, complex toolset for business
 intelligence (BI) in years is now available and what better way to master it than with this detailed
 book from key members of the product's development team? If you're a database or data
 warehouse developer, this is the expert resource you need to build full-scale, multi-dimensional,
 database applications using Microsoft's new SQL Server 2012 Analysis Services and related tools.
 Discover how to solve real-world BI problems by leveraging a slew of powerful new Analysis Services
 features and capabilities. These include the new DAX language, which is a more user-friendly
 version of MDX; PowerPivot, a new tool for performing simplified analysis of data; BISM, Microsoft's
 new Business Intelligence Semantic Model; and much more. Serves as an authoritative guide to
 Microsoft's new SQL Server 2012 Analysis Services BI product and is written by key members of the
 Microsoft Analysis Services product development team Covers SQL Server 2012 Analysis Services, a
 major new release with a host of powerful new features and capabilities Topics include using the
 new DAX language, a simplified, more user-friendly version of MDX; PowerPivot, a new tool for
 performing simplified analysis of data; BISM, Microsoft's new Business Intelligence Semantic Model;
 and a new, yet-to-be-named BI reporting tool Explores real-world scenarios to help developers build
 comprehensive solutions Get thoroughly up to speed on this powerful new BI toolset with the timely
 and authoritative Professional Microsoft SQL Server 2012 Analysis Services with MDX.

Applied Microsoft Analysis Services 2005 and Microsoft Business Intelligence Platform Packt
 Publishing Ltd

This book introduces OLAP with progressive lessons to help readers begin creating solutions quickly
 and is the only self-paced training manual about Microsoft OLAP Services for the non-programmer
 and Excel super user.

Microsoft SQL Server 2012 Analysis Services Pearson Education

Written in an easy-to-follow, example-driven format, there are plenty of stepbystep instructions to
 help get you started! The book has a friendly approach, with the opportunity to learn by
 experimenting. If you are a BI and Data Warehouse developer new to Microsoft Business
 Intelligence, and looking to get a good understanding of the different components of Microsoft SQL
 Server for Business Intelligence, this book is for you. It's assumed that you will have some

experience in databases systems and T-SQL. This book is will give you a good upshot view of each
 component and scenarios featuring the use of that component in Data Warehousing and Business
 Intelligence systems.

MDX Solutions Pearson Education

The Skills You Need to Develop OLAP Solutions with SQL Server 2000 This one-of-a-kind book
 teaches you everything you need to know to use Microsoft's Analysis Services software to build,
 implement, and manage effective OLAP solutions. Expert advice and in-depth explanations combine
 to help you and your company take full advantage of the affordable power of SQL Server's built-in
 OLAP functionality. Coverage Includes: Analyzing large volumes of data effectively with Analysis
 Services Architecting and designing data analysis applications Querying OLAP data using MDX
 Programming applications using ADO/MD Managing Analysis Services servers with DSO Building data
 mining solutions with Analysis Services Using English Query for natural language querying of OLAP
 data Choosing appropriate client tools for exploring OLAP data Using the PivotTable Service for
 client-side data analysis Note: CD-ROM/DVD and other supplementary materials are not included as
 part of eBook file.

Expert Data Modeling with Power BI Packt Publishing Ltd

Teach yourself SQL Server 2008—one step at a time. Get the practical guidance you need to build
 database solutions that solve real-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 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.

Expert Cube Development with SSAS Multidimensional Models Microsoft Press

Get up to speed with the new features added to Microsoft SQL Server 2019 Analysis Services and
 create models to support your business Key Features Explore tips and tricks to design, develop, and
 optimize end-to-end data analytics solutions using Microsoft's technologies Learn tabular modeling
 and multi-dimensional cube design development using real-world examples Implement Analysis
 Services to help you make productive business decisions Book Description SQL Server Analysis
 Services (SSAS) continues to be a leading enterprise-scale toolset, enabling customers to deliver
 data and analytics across large datasets with great performance. This book will help you understand
 MS SQL Server 2019's new features and improvements, especially when it comes to SSAS. First,
 you'll cover a quick overview of SQL Server 2019, learn how to choose the right analytical model to
 use, and understand their key differences. You'll then explore how to create a multi-dimensional
 model with SSAS and expand on that model with MDX. Next, you'll create and deploy a tabular
 model using Microsoft Visual Studio and Management Studio. You'll learn when and how to use both
 tabular and multi-dimensional model types, how to deploy and configure your servers to support
 them, and design principles that are relevant to each model. The book comes packed with tips and

tricks to build measures, optimize your design, and interact with models using Excel and Power BI. All this will help you visualize data to gain useful insights and make better decisions. Finally, you'll discover practices and tools for securing and maintaining your models once they are deployed. By the end of this MS SQL Server book, you'll be able to choose the right model and build and deploy it to support the analytical needs of your business. What you will learn

- Determine the best analytical model using SSAS
- Cover the core aspects involved in MDX, including writing your first query
- Implement calculated tables and calculation groups (new in version 2019) in DAX
- Create and deploy tabular and multi-dimensional models on SQL 2019
- Connect and create data visualizations using Excel and Power BI
- Implement row-level and other data security methods with tabular and multi-dimensional models
- Explore essential concepts and techniques to scale, manage, and optimize your SSAS solutions

Who this book is for This Microsoft SQL Server book is for BI professionals and data analysts who are looking for a practical guide to creating and maintaining tabular and multi-dimensional models using SQL Server 2019 Analysis Services. A basic working knowledge of BI solutions such as Power BI and database querying is required.

SQL Server Analysis Services Succinctly Createspace Independent Publishing Platform

Use window functions to write simpler, better, more efficient T-SQL queries Most T-SQL developers recognize the value of window functions for data analysis calculations. But they can do far more, and recent optimizations make them even more powerful. In T-SQL Window Functions, renowned T-SQL expert Itzik Ben-Gan introduces breakthrough techniques for using them to handle many common T-SQL querying tasks with unprecedented elegance and power. Using extensive code examples, he guides you through window aggregate, ranking, distribution, offset, and ordered set functions. You'll find a detailed section on optimization, plus an extensive collection of business solutions — including novel techniques available in no other book. Microsoft MVP Itzik Ben-Gan shows how to:

- Use window functions to improve queries you previously built with predicates
- Master essential SQL windowing concepts, and efficiently design window functions
- Effectively utilize partitioning, ordering, and framing
- Gain practical in-depth insight into window aggregate, ranking, offset, and statistical functions
- Understand how the SQL standard supports ordered set functions, and find working solutions for functions not yet available in the language
- Preview advanced Row Pattern Recognition (RPR) data analysis techniques
- Optimize window functions in SQL Server and Azure SQL Database, making the most of indexing, parallelism, and more
- Discover a full library of window function solutions for common business problems

About This Book • For developers, DBAs, data analysts, data scientists, BI professionals, and power users familiar with T-SQL queries • Addresses any edition of the SQL Server 2019 database engine or later, as well as Azure SQL Database Get all code samples at: MicrosoftPressStore.com/TSQLWindowFunctions/downloads

Microsoft SQL Server 2005 Analysis Services Prologika Press

This comprehensive and authoritative guide will teach you the DAX language for business intelligence, data modeling, and analytics. Leading Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization. You'll learn exactly what happens under the hood when you run a DAX expression, how DAX behaves differently from other languages, and how to use this knowledge to write fast, robust code. If you want to leverage all of DAX's remarkable power and flexibility, this no-compromise

“deep dive” is exactly what you need. Perform powerful data analysis with DAX for Microsoft SQL Server Analysis Services, Excel, and Power BI Master core DAX concepts, including calculated columns, measures, and error handling Understand evaluation contexts and the CALCULATE and CALCULATETABLE functions Perform time-based calculations: YTD, MTD, previous year, working days, and more Work with expanded tables, complex functions, and elaborate DAX expressions Perform calculations over hierarchies, including parent/child hierarchies Use DAX to express diverse and unusual relationships Measure DAX query performance with SQL Server Profiler and DAX Studio

M Is for (Data) Monkey Microsoft Press

With Microsoft SQL Server 2016, a variety of new features and enhancements to the data platform deliver breakthrough performance, advanced security, and richer, integrated reporting and analytics capabilities. In this ebook, we introduce new security features: Always Encrypted, Row-Level Security, and dynamic data masking; discuss enhancements that enable you to better manage performance and storage: TemDB configuration, query store, and Stretch Database; review several improvements to Reporting Services; and also describe AlwaysOn Availability Groups, tabular enhancements, and R integration.

MDX with Microsoft SQL Server 2016 Analysis Services Cookbook Pearson Education

Serving as both a tutorial and a reference guide to the MDX (Multidimensional Expressions) query language, this book shows data warehouse developers what they need to know to build effective multidimensional data warehouses After a brief overview of the MDX language and a look at how it is used to access data in sophisticated, multidimensional databases and data warehousing, the authors move directly to providing practical examples of MDX in use New material covers changes in the MDX language itself as well as major changes in its implementation with the latest software releases of Microsoft SQL Server Analysis Services 2005 and Hyperion Essbase Also covers more advanced techniques, like aggregation, query templates, and MDX optimization, and shows users what they need to know to access and analyze data to make better business decisions Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Microsoft SQL Server 2012 Analysis Services Microsoft Press

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. Instant Microsoft SQL Server Analysis Services 2012 Cube Security is a practical, hands-on guide that provides a number of clear, step-by-step exercises for getting started with cube security. This book is aimed at Database Administrators, Data Architects, and Systems Administrators who are managing the SQL Server data platform. It is also beneficial for analysis services developers who already have some experience with the technology, but who want to go into more detail on advanced topics and learn best practices for cube design.

Knight's Microsoft Business Intelligence 24-Hour Trainer John Wiley & Sons

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, *Analyzing Data with Power BI and Power Pivot for Excel* (ISBN 9781509302765). Go to the book's

page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>.

SQL Server Analysis Services 2012 Cube Development Cookbook Pearson Education

Power Query is one component of the Power BI (Business Intelligence) product from Microsoft, and "M" is the name of the programming language created by it. As more business intelligence pros begin using Power Pivot, they find that they do not have the Excel skills to clean the data in Excel; Power Query solves this problem. This book shows how to use the Power Query tool to get difficult data sets into both Excel and Power Pivot, and is solely devoted to Power Query dashboarding and reporting.

Applied Microsoft SQL Server 2012 Analysis Services Sams Publishing

A book-and-video introduction to Microsoft's Business Intelligence tools If you are just starting to get a handle on Microsoft Business Intelligence (BI) tools, this book and accompanying video provides you with the just the right amount of information to perform basic business analysis and reporting. You'll explore the components and related tools that comprise the Microsoft BI toolset as well as the new BI features of Office 2010. After a basic primer on BI and data modeling, the expert team of authors provides you with step-by-step lessons in the book and videos on the accompanying DVD on how to use SQL Server Integration Services, SQL Server Analysis Services, SQL Server Reporting Services, Excel BI (including PowerPivot), and SharePoint. Integrates instructional videos with each of the lessons found in the book to enhance your learning experience Explores the Microsoft Business Intelligence (BI) toolset as well as the new BI features of Office 2010 Encourages you to practice what you've learned in "Try It Out" sections Contains video demonstrations that walk you through how to tackle each lesson featured in the book With Knight's Microsoft Business Intelligence 24-Hour Trainer, veteran authors present you with an ideal introductory book-and-video package so that you can get started working with the BI toolset immediately! Note: As part of the print version of this title, video lessons are included on DVD. For e-book versions, video lessons can be accessed at wrox.com using a link provided in the interior of the e-book.

Getting Started with SQL Server 2012 Cube Development Microsoft Press

As a practical tutorial for Analysis Services, get started with developing cubes. "Getting Started with SQL Server 2012 Cube Development" walks you through the basics, working with SSAS to build cubes and get them up and running. Written for SQL Server developers who have not previously worked with Analysis Services. It is assumed that you have experience with relational databases, but no prior knowledge of cube development is required. You need SQL Server 2012 in order to follow along with the exercises in this book.

Beginning DAX with Power BI Packt Publishing Ltd

The massive amount of data collected by businesses often creates a lot of work without doing much good. To make data work for them, businesses need solutions that summarize and organize it in ways that will influence the decisions they make each day. With *SQL Server Analysis Services Succinctly* by Stacia Misner, you will learn how to implement a business intelligence solution through SQL Server Analysis Services. You'll start with developing a database, and learn which architecture is most appropriate for the database's end use. You will then learn how to design practical dimensions and cubes, and how to store business logic within the cubes through MDX. Finally, you will learn how to deploy a working solution to the tool of your choice in Microsoft's business intelligence stack, including Excel, SQL Server Reporting Services, and SharePoint.

Hands-On SQL Server 2019 Analysis Services John Wiley & Sons

Written by the lead developers of Analysis Services at Microsoft, this book begins with an overview showing how Analysis Services and MDX can be used to build data warehouses and multidimensional databases The authors then describe the development processes for building dimensions and cubes from various data sources Demonstrating a variety of techniques in real-world scenarios, the book shows how MDX can be used to query databases to provide sophisticated analysis of business problems Finally, the book explains how Analysis Services can be used with other components of SQL Server, including DTS, data mining, and Report Services, to provide comprehensive, end-to-end solutions