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## KALEB OCONNOR

### Introducing Microsoft SQL Server 2012 Prologika

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/>. [Knight's Microsoft Business Intelligence 24-Hour Trainer](#) John Wiley & Sons 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, 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 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

### Data Mining with Microsoft SQL Server 2008

Microsoft Press A guide to tabular modeling of the Innovative Business Intelligence Semantic Model describes such tasks as integrating data from multiple sources, implementing business calculations and Kils, and designing cached and real-time data access. *The Definitive Guide to DAX* John Wiley & Sons Microsoft SQL Server Analysis Services provides fast access to data by means of multidimensional data structures and the multidimensional query languag MDX. Analysis Services provides the capability to design, create, and manage multidimensional cubes based on data warehouse tables, and it serves as the foundation for the Microsoft Business Intelligence strategy. Microsoft SQL Server 2005 Analysis Services gives the reader insight into the way Analysis Services functions. It not only explains ways to design and create multidimensional objects, databases, dimensions, and cubes, but also provides invaluable information about the reasons behind design decisions made by the development team. Here's what you will find inside: Understand the key concepts of multidimensional modeling Explore the multidimensional object model and its definition language Learn the main concepts of the MDX language and gain an in-depth understanding of advanced MDX concepts Understand the mechanisms of integrating multidimensional and relational databases Learn how to build client applications to access data in Analysis Services Examine server architecture, including main data structures, data processing, and query resolution algorithms Gain a deep understanding of the internal and external protocols for data transfer, including the XML/A protocol Explore how Analysis Services manages memory Explore the security model, including role-based

security, code-access security, and data security Discover how to monitor and manage Analysis Services All the code for the sample database used in the book can be found at [www.informit.com/title/0672327821](http://www.informit.com/title/0672327821). *Expert Tips and Tricks for Designing Analysis Services Multidimensional Models* John Wiley & Sons Teach yourself the fundamentals of SQL Server Analysis Services—one step at a time. With this practical, learn-by-doing tutorial, you get the guidance you need to build flexible and powerful solutions that meet the analytical needs of your organization. Discover how to: Start building cubes using the Microsoft Visual Studio 2005 Business Intelligence designers Create dimensions and measure groups to build, browse, and modify OLAP cubes Design objects to handle unique financial analysis requirements Improve query performance with aggregations and user hierarchies Customize cubes with multi-dimensional expressions (MDX) and other advanced design techniques Use actions to integrate Web pages, reporting applications, and drillthrough capabilities with cubes Manage role-based security and restrict data access Deploy and maintain a database in a production environment CD features All practice exercises and answer files Fully searchable eBook A Note Regarding the CD or DVD The print version of this book ships with a CD or DVD. For those customers purchasing one of the digital formats in which this book is available, we are pleased to offer the CD/DVD content as a free download via O'Reilly Media's Digital Distribution services. To download this content, please visit O'Reilly's web site, search for the title of this book to find its catalog page, and click on the link below the cover image (Examples, Companion Content, or Practice Files). Note that while we provide as much of the media content as we are able via free download, we are sometimes limited by licensing restrictions. Please direct any questions or concerns to [booktech@oreilly.com](mailto:booktech@oreilly.com). *Design and query tabular and multi-*

*dimensional models using Microsoft's SQL Server Analysis Services* Microsoft Press  
 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. [Applied Microsoft SQL Server 2012 Analysis Services MDX Solutions](#)With Microsoft SQL Server Analysis Services 2005 and Hyperion Essbase MDX SolutionsWith Microsoft SQL Server Analysis Services 2005 and Hyperion EssbaseJohn Wiley & Sons [Microsoft SQL Server 2012 Administration](#) Wiley  
 Introducing Microsoft(r) SQL Server(r) 2012 explores the exciting enhancements and new capabilities engineered into SQL Server, ranging from improvements in operation to those in reporting and management. This book is for anyone who has an interest in SQL Server 2012 and wants to understand its capabilities, including database administrators, application developers, and technical decision makers.

**The BISM Tabular Model** John Wiley & Sons  
 An in-depth look at the radical changes to the newest release of SSISS Microsoft SQL Server 2012 Integration Services (SISS) builds on the revolutionary database product suite first introduced in 2005. With this crucial resource, you will explore how this newest release serves as a powerful tool for performing extraction, transformation, and load operations (ETL). A team of SQL Server experts deciphers this complex topic and provides detailed coverage of the new features of the 2012 product release. In addition to technical updates and additions, the authors present you with a new set of SISS best practices, based on years of real-world experience that have transpired since the previous edition was published. Details the newest features of the 2012 SISS product release, which is the most significant release since 2005 Addresses the keys to a successful ETL solution, such as using the right enterprise ETL tool and employing the right ETL architecture in order to meet the system requirements Includes additional case studies and tutorial examples to illustrate advanced concepts and techniques Professional Microsoft SQL Server 2012 Integration Services is a valuable resource that meets the demands and high expectations of experienced SSIS professionals.

**Professional Microsoft SQL Server Analysis Services 2008 with MDX** Packt Publishing Ltd

Optimize reporting and BI with Microsoft SQL Server 2016 Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports provides a comprehensive lesson in business intelligence (BI), operational reporting and Reporting Services architecture using a clear, concise tutorial approach. You'll learn effective report solution design based upon many years of experience with successful report solutions. Improve your own reports with advanced, best-practice design, usability, query design, and filtering techniques. Expert guidance provides insight into common report types and explains where each could be made more efficient, while providing step-by-step instruction on Microsoft SQL Server 2016. All changes to the 2016 release are covered in detail, including improvements to the Visual Studio Report Designer (SQL Server Data Tools) and Report Builder, Mobile Dashboard Designer, the new Report Portal Interface, HTML-5 Rendering, Power BI integration, Custom Parameters Pane, and more. The Microsoft SQL Server 2016 release will include significant changes. New functionality, new capabilities, re-tooled processes, and changing support require a considerable update to existing knowledge. Whether you're starting from scratch or simply upgrading, this book is an essential guide to report design and business intelligence solutions. Understand BI fundamentals and Reporting Services architecture Learn the ingredients to a successful report design Get up to speed on Microsoft SQL Server 2016 Grasp the purpose behind common designs to optimize your reporting Microsoft SQL Server Reporting Services makes reporting faster, easier, and more powerful than ever in web, desktop and portal solutions. Compatibility with an extensive variety of data sources makes it a go-to solution for organizations across the globe. The 2016 release brings some of the biggest changes in years, and the full depth and breadth of these changes can create a serious snag in your workflow. For a clear tutorial geared toward the working professional, Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports is the ideal guide for getting up to speed and producing successful reports. [Applied Microsoft Analysis Services 2005 and Microsoft Business Intelligence Platform](#) Packt Publishing Ltd  
 A hands-on tutorial on building and using multidimensional data warehouses The SQL query language is used to access data in most simple databases. But for multidimensional (or OLAP) data warehouses, Microsoft developed MDX.

The MDX query language has become essential know-how for developers and users alike, whether for data warehouses or for budgeting and planning systems. This tutorial/reference guide shows developers and users how to use MDX to access and analyze data for decision support. Both the standard language and Microsoft's own extensive additions to MDX are explained. The authors provide practical examples of MDX in use, and explain both standard usage and more advanced techniques, such as optimization, cube design, and Pareto analysis. Finally, the appendices provide a handy reference guide that users can rely on.

John Wiley & Sons

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

*MDX with Microsoft SQL Server 2016*

*Analysis Services Cookbook* Microsoft Press

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

**Leveraging Microsoft SQL Server Integration, Analysis, and Reporting Services with Excel and SharePoint**  
Microsoft Press

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.

[With Microsoft SQL Server Analysis Services](#) John Wiley & Sons

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

[Microsoft SQL Server 2012 Integration Services](#) Sams Publishing

Describes how to build data warehouses and multidimensional databases using Microsoft Analysis Services.

*Business intelligence with Microsoft Excel, SQL Server Analysis Services, and Power BI* Microsoft Press

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.

[Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports](#)

Microsoft Press

Best practices and invaluable advice from world-renowned data warehouse experts In this book, leading data warehouse experts from the Kimball Group share best practices for using the upcoming "Business Intelligence release" of SQL Server, referred to as SQL Server 2008 R2. In this new edition, the authors explain how SQL Server 2008 R2 provides a collection of powerful new tools that extend the power of its BI toolset to Excel and SharePoint users and they show how to use SQL Server to build a successful data warehouse that supports the business intelligence requirements that are common to most organizations. Covering the complete suite of data warehousing and BI tools that are part of SQL Server 2008 R2, as well as Microsoft Office, the authors walk you through a full project lifecycle, including design, development, deployment and maintenance. Features more than 50 percent new and revised material that covers the rich new feature set of the SQL Server 2008 R2 release, as well as the Office 2010 release Includes brand new content that focuses on PowerPivot for Excel and SharePoint, Master Data Services, and discusses updated capabilities of SQL Server Analysis, Integration, and Reporting Services Shares detailed case examples that clearly illustrate how to best apply the techniques described in the book The accompanying Web site contains all code samples as well as the sample database used throughout the case studies The Microsoft Data

Warehouse Toolkit, Second Edition provides you with the knowledge of how and when to use BI tools such as Analysis Services and Integration Services to accomplish your most essential data warehousing tasks.

**With SQL Server 2008 R2 and the Microsoft Business Intelligence Toolset** "O'Reilly Media, Inc."

Understand how to use the new features of Microsoft SQL Server 2008 for data mining by using the tools in Data Mining with Microsoft SQL Server 2008, which will show you how to use the SQL Server Data Mining Toolset with Office 2007 to mine and analyze data. Explore each of the major data mining algorithms, including naive bayes, decision trees, time series, clustering, association rules, and neural networks. Learn more about topics like mining OLAP databases, data mining with SQL Server Integration Services 2008, and using Microsoft data mining to solve business analysis problems.

**Microsoft SQL Server 2005 Analysis Services** John Wiley & Sons

In complex software projects, managing

the development process can be as critical to success as writing the code itself. A project may involve dozens of developers, managers, architects, testers, and customers, hundreds of builds, and thousands of opportunities to get off-track. To keep tabs on the people, tasks, and components of a medium- to large-scale project, most teams use a development system that allows for easy monitoring, follow-up, and accountability. Microsoft Team Foundation Server 2008 (TFS), the server component of Microsoft's Visual Studio Team System (VSTS), provides a powerful collaborative platform for software-development teams. The product offers an integrated toolset for tracking work items, creating test cases, managing source code, generating builds, constructing database schemas, and so on. Because in software development one size does not fit all, TFS provides process customization, project management, and reporting capabilities to build solutions around your requirements. Team Foundation Server 2008 in Action is a hands-on guide to Team Foundation

Server 2008. Written for developers with a good handle on TFS basics, this book shows you how to solve real-life problems. It's not a repetition of Microsoft's product documentation. Team Foundation Server 2008 in Action is a practitioner's handbook for how to work with TFS under common constraints. This book walks you through real-life software engineering problems based on hundreds of hours of TFS experience. You'll benefit from expert author Jamil Azher's extensive interactions with members of Microsoft's TFS team and MVPs, survey feedback from the author's blog, and interviews with organizations and user groups using TFS. Instead of just offering a high-level overview, the book provides detailed solutions for solving common-and not-so-common-problems using TFS. It discusses the strengths as well as weaknesses of TFS, and suggests appropriate problem resolution steps, workarounds, or custom solutions. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.