



# SQL Server Analysis Services 2012 Cube Development Cookbook

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using Analysis Services

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# Sql Server Analysis Services 2012 Cube Development Cookbook

**Lauren Gardner**



## **Sql Server Analysis Services 2012 Cube Development Cookbook:**

**SQL Server Analysis Services 2012 Cube Development Cookbook** Baya Dewald, Steve Hughes, Paul Turley, 2013-12-26 A practical cookbook packed with recipes to help developers produce data cubes as quickly as possible by following step by step instructions rather than explaining data mining concepts with SSAS If you are a BI or ETL developer using SQL Server Analysis services to build OLAP cubes this book is ideal for you Prior knowledge of relational databases and experience with Excel as well as SQL development is required **SQL Server Analysis Services 2012 Cube Development Cookbook** Adam A. Reynolds, 2015-08-10 Thought provoking and accessible in approach this updated and expanded second edition of the SQL Server Analysis Services 2012 Cube Development Cookbook provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject s core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for advanced graduate level students We hope you find this book useful in shaping your future career Feel free to send us your enquiries related to our publications to info risepress pw Rise Press **Reporting with Microsoft SQL Server 2012** James Serra, Bill Anton, 2014-03-18 This is a step by step tutorial that deals with Microsoft Server 2012 reporting tools SSRS and Power View If you are a BI developer consultant or architect who wishes to learn how to use SSRS and Power View and want to understand the best use for each tool then this book will get you up and running quickly No prior experience is required with either tool **Getting Started with SQL Server 2012 Cube Development** Simon Lidberg, 2013-09-13 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 *Getting Started with SQL Server 2012 Cube Development* Simon Lidberg, 2013 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 *Expert Cube Development with Microsoft SQL Server 2008 Analysis Services* Chris Webb, Alberto Ferrari, Marco Russo, 2009-07-15 Design and implement fast scalable and maintainable cubes with Microsoft SQL Server 2008 Analysis Services with this book and eBook **Professional Microsoft SQL Server 2012 Analysis Services with MDX and DAX** Sivakumar Harinath, Ronald Pihlgren, Denny Guang-Yeu Lee, John Sirmon, Robert M.

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Tomislav Piasevoli, Sherry Li,2016-11-30 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 cubes, 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

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*MDX with Microsoft SQL Server 2008 R2 Analysis Services Cookbook*  
Tomislav Piasevoli, 2011-07-25 80 recipes for enriching your Business Intelligence solutions with high performance MDX calculations and flexible MDX queries Enrich your BI solutions by implementing best practice MDX calculations Master a wide range of time related context aware and business related calculations Enhance your solutions by combining MDX with utility dimensions Become skilled in making reports concise Learn how to optimize dissect and debug your MDX calculations Maximize your learning with detailed explanations following each solution Packed with practical hands on cookbook recipes illustrating the techniques to enrich your Business Intelligence solutions In Detail Microsoft SQL Server is an enterprise database platform that contains a multitude of technologies Analysis Services being one of them SQL Server Analysis Services SSAS provides OLAP and data mining capabilities and allows users to analyze multidimensional data stored in cubes using the MDX query language This cookbook contains over 80 practical task based recipes that show how Microsoft SQL Server 2008 R2 Analysis Services solutions can be taken further by enriching them with high performance MDX calculations and flexible MDX queries Packed with immediately usable real world recipes the book starts with elementary techniques that lay the foundation for designing further MDX calculations and queries Here you will find topics such as iterations on a set Boolean logic and dissecting and optimizing MDX calculations In the first half of the book you will learn how to efficiently work with time strings metadata calculated members and sets in general and how to implement MDX solutions that are appropriate in a particular context a time aware calculation a concise report a calculation relative to another You will also learn how to implement various types of conditional formatting how to perform typical MDX calculations like ranks percentages and average

**Microsoft SQL Server 2012 Integration Services** Dominic Roberts, 2015-08-17 This updated and expanded second edition of the Microsoft SQL Server 2012 Integration Services An Expert Cookbook provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject's core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader

understands even the most complex of concepts This succinct and enlightening overview is a required reading for all those interested in the subject We hope you find this book useful in shaping your future career Business **Microsoft SQL Server 2012 Analysis Services** Marco Russo,Alberto Ferrari,Chris Webb,2012 Create Business Intelligence BI solutions with the Business Intelligence Semantic Model BISM Tabular model and discover a simpler method for analyzing business data Expert Cube Development with Microsoft SQL Server 2008 Analysis Services Joel A. Cooper,2015-08-10 Thought provoking and accessible in approach this updated and expanded second edition of the Expert Cube Development with Microsoft SQL Server 2008 Analysis Services provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject s core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for advanced graduate level students We hope you find this book useful in shaping your future career Feel free to send us your enquiries related to our publications to info risepress pw Rise Press **Microsoft SQL Server 2014 Business Intelligence Development Beginner's Guide** Reza Rad,2014-05-26 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 Tabular Modeling with SQL Server 2016 Analysis Services Cookbook Derek Wilson,2017-01-30 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

Microsoft SQL Server 2012 Security Cookbook Rudi Bruchez,2012 Over 70 practical focused recipes to bullet proof your SQL Server database and protect it from hackers and security threats Practical focused recipes for securing your SQL Server database Master the latest techniques for data and code encryption user authentication and authorization protection against brute force attacks denial of service attacks and SQL Injection and more A learn by example recipe based approach that focuses on key concepts to provide the foundation to solve real world problems In Detail In 2011 a big corporation suffered a 23 day network outage after a breach of security that allowed the theft of millions of registered accounts on its gaming network A month later hackers claimed in a press release to have stolen personal information of 1 million users by a single SQL injection attack In these days of high profile hacking SQL Server 2012 database security has become of prime importance Microsoft SQL Server 2012 Security Cookbook will show you how to secure your database using cutting edge methods and protect it from hackers and other security threats You will learn the latest techniques for data and code encryption user authentication and authorization protection against brute force attacks denial of service attacks and SQL Injection securing business intelligence and more We will start with securing SQL Server right from the point where you install it You will learn to secure your server and network with recipes such as managing service SIDs configuring a firewall for SQL Server access and encrypting the session by SSL We will then address internal security creating logins to connect to SQL Server and users to gain access to a database We will also see how to grant privileges to securable objects on the server or inside the database After having managed authentication through logins and users we will assign privileges inside a database using permissions We will then learn about symmetric keys asymmetric keys and certificates which can be used to encrypt data or sign data and modules with a choice of cipher algorithms as well as creating hash representations of data Then we will cover methods to protect your database against brute force attacks denial of service attacks and SQL Injection Finally we will learn about auditing and

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