Sql Server Analysis Services Tutorial

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.

Excel® 2016 PIVOT TABLE DATA CRUNCHING CRUNCH DATA FROM ANY SOURCE, QUICKLY AND EASILY, WITH EXCEL 2016 PIVOT TABLES! Use Excel 2016 pivot tables and pivot charts to produce powerful, dynamic reports in minutes instead of

hours… understand exactly what's going on in your business… take control, and stay in control! Even if you've never created a pivot table before, this book will help you leverage all their amazing flexibility and analytical power. Drawing on more than 40 combined years of Excel experience, Bill Jelen and Michael Alexander offer practical "recipes" for solving real business problems, help you avoid common mistakes, and present tips and tricks you'll find nowhere else! • Create, customize, and change pivot tables • Transform huge data sets into clear summary reports • Analyze data faster with Excel 2016's new recommended pivot tables • Instantly highlight your most profitable customers, products, or regions • Quickly import, clean, and shape data with Power Query vBuild geographical pivot tables with Power Map • Use Power View dynamic dashboards to see where your business stands • Revamp analyses on the fly by dragging and dropping fields • Build dynamic self-service reporting systems • Combine multiple data sources into one pivot table • Use Auto grouping to

build date/time-based pivot tables faster vCreate data mashups with Power Pivot • Automate pivot tables with macros and VBA About MrExcel Library Every book in the MrExcel Library pinpoints a specific set of crucial Excel tasks and presents focused skills and examples for performing them rapidly and effectively. Selected by Bill Jelen, Microsoft Excel MVP and mastermind behind the leading Excel solutions website MrExcel.com, these books will • Dramatically increase your productivity—saving you 50 hours a year or more • Present proven, creative strategies for solving real-world problems • Show you how to get great results, no matter how much data you have • Help you avoid critical mistakes that even experienced users make Bill Jelen is MrExcel, the world's #1 spreadsheet wizard. Jelen hosts MrExcel.com, the premier Excel solutions site, with more than 20 million page views annually. A Microsoft MVP for Excel, his best-sellers include Excel 2016 In Depth. Michael Alexander, Microsoft Certified Application Developer (MCAD) and

Microsoft MVP, is author of several books on advanced business analysis with Excel and Access. He has more than 15 years of experience developing Office solutions. CATEGORY: Spreadsheets COVERS: Microsoft Excel 2016

A Detailed Look at Data Processing Extensions

An easy-to-follow guide full of hands on examples of real-world Analysis Services cube development tasks. Each topic is explained and placed in context, and for the more inquisitive reader, there also more in-depth details of the concepts used. If you are an Analysis Services cube designer wishing to learn more advanced topic and best practices for cube design, this book is for you. You are expected to have some prior experience with Analysis Services cube development.

Beginning T-SQL 2012

Collect, Combine, and Transform Data Using Power Query in Excel and Power BI

Excel 2013 Pivot Table Data Crunching

Reliability, scalability, and security both on premises and in the cloud

Microsoft SQL Server 2008 Reporting

Services Step by Step
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 Teach yourself the Multidimensional Expressions (MDX) query language—one step at a time. With this practical, learn-by-doing tutorial, you'll build the core techniques for using MDX with Analysis Services to deliver high-performance business intelligence solutions. Discover how to: Construct and execute MDX queries Work with tuples, sets, and expressions Build complex sets to retrieve the exact data users need Perform aggregation functions and navigate data hierarchies

*Assemble time-based business metrics
Customize an Analysis Services cube
through the MDX script Implement dynamic
security to control data access Develop
MDX-driven reports in SQL Server Reporting
Services CD features: Practice exercises
Database and code samples Fully searchable
eBook*

*NOTE: This title is also available as a
free eBook on the Microsoft Download
Center. It is offered for sale in print
format as a convenience. Get a head start
evaluating SQL Server 2014 - guided by two
experts who have worked with the
technology from the earliest beta. Based
on Community Technology Preview 2 (CTP2)
software, this guide introduces new
features and capabilities, with practical
insights on how SQL Server 2014 can meet
the needs of your business. Get the early,
high-level overview you need to begin
preparing your deployment now. Coverage
includes: SQL Server 2014 Editions and
engine enhancements Mission-critical
performance enhancements Hybrid cloud
enhancements Self-service Business
Intelligence enhancements in Microsoft
Excel Enterprise information management
enhancements Big Data solutions*

*Human Capital Systems, Analytics, and Data
Mining provides human capital*

*professionals, researchers, and students
with a comprehensive and portable guide to
human capital systems, analytics and data
mining. The main purpose of this book is
to provide a rich tool set of methods and
tutorials for Human Capital Management
Systems (HCMS) database modeling,
analytics, interactive dashboards, and
data mining that is independent of any
human capital software vendor offerings
and is equally usable and portable among
both commercial and internally developed
HCMS. The book begins with an overview of
HCMS, including coverage of human resource
systems history and current HCMS Computing
Environments. It next explores relational
and dimensional database management
concepts and principles. HCMS
Instructional databases developed by the
Author for use in Graduate Level HCMS and
Compensation Courses are used for database
modeling and dashboard design exercises.
Exciting knowledge discovery and research
Tutorials and Exercises using Online
Analytical Processing (OLAP) and data
mining tools through replication of actual
original pay equity research by the author
are included. New findings concerning
Gender Based Pay Equity Research through
the lens Comparable Worth and Occupational
Mobility are covered extensively in Human*

Capital Metrics, Analytics and Data Mining Chapters.
Professional SharePoint 2013 Development
Expert Cube Development with SSAS Multidimensional Models
MDX SOLUTIONS WITH MS SQL SERVER ANALYSIS SERVICES
SQL Server DTS
With Microsoft SQL Server Analysis Services

This book introduces concepts and capabilities new to Commerce Server 2000 and gives readers all the tools needed to implement Commerce Server solutions on their own systems. The book guides readers from installation through creation of a store by exploring various customization scenarios. The author's approach focuses on the hands-on details of how Commerce Server can be employed out-of-the-box, and explores reasons and methods for customization. The book will include case studies to illustrate key issues and problems, with solution sections explaining different alternatives.

Bridge the big data gap with Microsoft Business Intelligence Tools for Excel Analysts The distinction between departmental reporting done by business analysts with Excel and the enterprise reporting done by IT departments with SQL Server and SharePoint tools is more blurry now than ever before. With the introduction of robust new features like PowerPivot and Power View, it is essential for business analysts to get up to speed with big data tools that in the past have been reserved for IT professionals. Written by a team of Business Intelligence experts, Microsoft Business Intelligence Tools for Excel Analysts introduces business analysts to the rich toolset and reporting capabilities that can be leveraged to more effectively

source and incorporate large datasets in their analytics while saving them time and simplifying the reporting process. Walks you step-by-step through important BI tools like PowerPivot, SQL Server, and SharePoint and shows you how to move data back and forth between these tools and Excel Shows you how to leverage relational databases, slice data into various views to gain different visibility perspectives, create eye-catching visualizations and dashboards, automate SQL Server data retrieval and integration, and publish dashboards and reports to the web Details how you can use SQL Server's built-in functions to analyze large amounts of data, Excel pivot tables to access and report OLAP data, and PowerPivot to create powerful reporting mechanisms You'll get on top of the Microsoft BI stack and all it can do to enhance Excel data analysis with this one-of-a-kind guide written for Excel analysts just like you.

Renowned Excel experts Bill Jelen (MrExcel) and Michael Alexander help you crunch data from any source with Excel 2019 pivot tables. Use Excel 2019 pivot tables and pivot charts to produce powerful, dynamic reports in minutes instead of hours, to take control of your data and your business. Even if you've never created a pivot table before, this book will help you leverage all their remarkable flexibility and analytical power–including valuable improvements in Excel 2019 and Excel in Office 365. Drawing on more than 45 combined years of Excel experience, Bill Jelen and Michael Alexander offer practical "recipes" for solving real business problems, help you avoid common mistakes, and present tips and tricks you'll find nowhere else. By reading this book, you will: • Master easy, powerful ways to create, customize, change, and control pivot tables • Control all future pivot tables using new pivot table defaults • Transform huge data sets into clear summary reports • Instantly highlight your most profitable customers, products, or regions • Use Power Query to quickly import, clean, shape,

and analyze disparate data sources • Build geographical pivot tables with 3D Map • Construct and share state-of-the-art dynamic dashboards • Revamp analyses on the fly by dragging and dropping fields • Build dynamic self-service reporting systems • Share your pivot tables with colleagues • Create data mashups using the full Power Pivot capabilities of Excel 2019 and Excel in Office 365 • Automate pivot tables with macros and VBA • Save time by adapting reports with GetPivotData • Discover today's most useful pivot table tips and shortcuts If you're in charge of database administration, developing database software, or looking for database solutions for your company, Microsoft SQL Server 2008 All-In-One Desk Reference For Dummies can help you get a handle on this extremely popular relational database management system. Here you'll find what's new in the latest version; how to choose and install the right variation for your needs; how to monitor, maintain, and protect your data; and what it takes to keep your database healthy. You'll discover how to: Build and maintain tables Design a database and communicate with it Retrieve, analyze, and report data Build solid, robust database applications Use the SQL Server Optimizer and Query Designer Navigate SQL Server with Visual Studio Develop useful reports with the Report Builder and Report Designer Create Business Intelligence solutions with Business Intelligence Development Studio Configure your server and perform major administrative tasks To help you quickly find what you need, Microsoft SQL Server 2008 All-In-One Desk Reference For Dummies is divided into nine minibooks: Essential Concepts Designing and Using Databases Interacting With Your Data Database Programming Reporting Services Analysis Services Performance Tips and Tricks Database Administration Appendixes Microsoft SQL Server 2008 All-In-One Desk Reference For Dummies gets you started, helps you solve problems, and will even answer your questions down the

road!
Professional SQL Server 2005 Administration
With Microsoft SQL Server Analysis Services 2005 and
Hyperion Essbase
Microsoft SQL Server 2008 All-in-One Desk Reference For
Dummies
Introducing Microsoft SQL Server 2019
The MicrosoftÂ Data Warehouse Toolkit

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.
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 Market_Desc: · Data Warehouse Developers· Database· Business Analysts Special Features: · The current first edition has sold more than 9,000 copies, at $49.99; it is far and away the leading tutorial on the MDX language.· The market for MDX tools is growing fast, and now includes Microsoft, Hyperion, SAS, SAP, and other vendors.· The new edition is more than 60% new and revised, with 200 more pages.· The authors are well-known authorities on MDX, and include an insider on the Microsoft Analysis Services team.· Wiley is the leading publisher of books on data warehousing and business intelligence. About The Book: MDX Solutions is both a tutorial and a reference guide to the MDX

query language. It shows data warehouse developers what they need to know to build effective multidimensional data warehouses. And it teaches users what they need to know to access and analyze data to make better business decisions.The Second Edition provides 200 additional pages of new material covering both 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. After a brief overview of the MDX language, the authors move directly to the tutorial, providing practical examples of MDX in use. They show various techniques using MDX to access data and calculate results. They also cover more advanced techniques, like aggregation, query templates, and MDX optimization.The appendixes provide a handy reference guide that users can refer to after completing the tutorial. The companion Website includes sample MDX code with sample databases which can be used to practice what they've learned.

Explore the impressive storage and analytic tools available with the in-cloud and on-premises versions of Microsoft SQL Server 2019. Key FeaturesGain insights into what's new in SQL Server 2019Understand use cases and customer scenarios that can be implemented with SQL Server 2019Discover new cross-platform tools that simplify management and analysisBook

Description Microsoft SQL Server comes equipped with industry-leading features and the best online transaction processing capabilities. If you are looking to work with data processing and management, getting up to speed with Microsoft Server 2019 is key. Introducing SQL Server 2019 takes you through the latest features in SQL Server 2019 and their importance. You will learn to unlock faster querying speeds and understand how to leverage the new and improved security features to build robust data management solutions. Further chapters will assist you with integrating, managing, and analyzing all data, including relational, NoSQL, and unstructured big data using SQL Server 2019. Dedicated sections in the book will also demonstrate how you can use SQL Server 2019 to leverage data processing platforms, such as Apache Hadoop and Spark, and containerization technologies like Docker and Kubernetes to control your data and efficiently monitor it. By the end of this book, you'll be well versed with all the features of Microsoft SQL Server 2019 and understand how to use them confidently to build robust data management solutions. What you will learnBuild a custom container image with a DockerfileDeploy and run the SQL Server 2019 container imageUnderstand how to use SQL server on LinuxMigrate existing paginated reports to Power BI Report ServerLearn to query Hadoop Distributed File System (HDFS) data

using Azure Data StudioUnderstand the benefits of In-Memory OLTPWho this book is for This book is for database administrators, architects, big data engineers, or anyone who has experience with SQL Server and wants to explore and implement the new features in SQL Server 2019. Basic working knowledge of SQL Server and relational database management system (RDBMS) is required.

Pro SQL Server 2008 Analysis Services

MDX Solutions

SQL Server Analysis Services Succinctly

Excel 2016 Pivot Table Data Crunching (includes Content Update Program)

Microsoft Business Intelligence Tools for Excel Analysts

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. Using Power Query, you can import, reshape, and cleanse any data

from a simple interface, so you can mine that data for all of its hidden insights. Power Query is embedded in Excel, Power BI, and other Microsoft products, and leading Power Query expert Gil Raviv will help you make the most of it. Discover how to eliminate time-consuming manual data preparation, solve common problems, avoid pitfalls, and more. Then, walk through several complete analytics challenges, and integrate all your skills in a realistic chapter-length final project. By the time you're finished, you'll be ready to wrangle any data–and transform it into actionable knowledge. Prepare and analyze your data the easy way, with Power Query · Quickly prepare data for analysis with Power Query in Excel (also known as Get & Transform) and in Power BI · Solve common data preparation problems with a few mouse clicks and simple formula edits · Combine data from multiple sources, multiple queries, and mismatched tables · Master basic and advanced techniques for unpivoting tables · Customize transformations and build flexible data mashups with the M formula language · Address collaboration challenges with Power Query · Gain crucial insights into text feeds · Streamline complex social network analytics so you can do it yourself For all information workers, analysts, and any Excel user who wants to solve their own business intelligence problems. 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.
SQL Server 2005, Microsoft's next-generation data management and analysis solution, represents a huge leap forward. It comes with a myriad of changes that deliver increased security, scalability, and power--making it the complete data package. Used properly, SQL Server 2005 can help organizations of all sizes meet their data challenges head on. Programming SQL Server 2005 from O'Reilly provides a practical look at this updated version of Microsoft's premier database product. It guides you through all the new features, explaining how they work and how to use them. The first half of the book examines the changes and new features of the SQL Server Engine itself. The second addresses the enhanced features and tools of the platform, including the new services blended into this popular version. Each chapter contains numerous code samples-written in C# and compiled using the Visual Studio 2005 development environment-that show you exactly how to program SQL Server 2005. Programming SQL Server 2005 can help you: Build, deploy, and manage enterprise applications that are more secure, scalable,

and reliable Maximize IT productivity by reducing the complexity of building, deploying, and managing database applications Share data across multiple platforms, applications, and devices to make it easier to connect internal and external systems Because the goal of Programming SQL Server 2005 is to introduce all facets of Programming SQL Server 2005, it's beneficial to programmers of all levels. The book can be used as a primer by developers with little experience with SQL Server, as a ramp up to the new programming models for SQL Server 2005 for more experienced programmers, or as background and primer to specific concepts. Any IT professional who wants to learn about SQL Server 2005's comprehensive feature set, interoperability with existing systems, and automation of routine tasks will find the answers in this authoritative guide.

Getting Started with SQL Server 2012 Cube Development
MDX with Microsoft SQL Server 2016 Analysis Services Cookbook
Business intelligence with Microsoft Excel, SQL Server Analysis Services, and Power BI
The Definitive Guide to DAX
Applied Microsoft Analysis Services 2005 and Microsoft Business Intelligence Platform

Describes how to build data warehouses and multidimensional databases using Microsoft Analysis Services.
CRUNCH ANY DATA, FROM ANY SOURCE, QUICKLY AND EASILY, WITH EXCEL 2013 PIVOT TABLES! Use Excel 2013 pivot tables and pivot charts to produce powerful, dynamic reports in minutes instead of hours… understand exactly what's going on in your business… take control, and stay in control! Even if you've never created a pivot table before, this book will help

you leverage all their amazing flexibility and analytical power. In just the first seven chapters, you learn how to generate complex pivot reports complete with drill-down capabilities and accompanying charts. Then, you go even further, discovering how to build a comprehensive, dynamic pivot table reporting system for any business task or function. Learning advanced pivot table and pivot chart techniques for Excel 2013 or the newest Office 365 has never been easier. You'll find simple, step-by-step instructions, real-world case studies, even complete, easy recipes for solving your most common business analysis problems. • Create, customize, and change your pivot tables and pivot charts • Transform gigantic data sets into crystal-clear summary reports • Summarize and analyze data even faster with new Excel 2013 recommended pivot tables • Instantly highlight your most (and least) profitable customers, products, or regions • Quickly filter pivot tables using slicers • Use dynamic dashboards using Power View to see exactly where your business stands right now • Revamp analyses on the fly by simply dragging and dropping fields • Build dynamic self-service reporting systems your entire team can use • Use PowerPivot or the Data Model to create pivot tables

from multiple data sources and worksheets
• Work with and analyze OLAP data, and
much more About MrExcel Library: Every
book in the MrExcel Library pinpoints a
specific set of crucial Excel tasks and
presents focused skills and examples for
performing them rapidly and effectively.
Selected by Bill Jelen, Microsoft Excel
MVP and mastermind behind the leading
Excel solutions website MrExcel.com, these
books will • Dramatically increase your
productivity—saving you 50 hours a year or
more • Present proven, creative strategies
for solving real-world problems • Show you
how to get great results, no matter how
much data you have • Help you avoid
critical mistakes that even experienced
users make CATEGORY: Spreadsheets COVERS:
Microsoft Office Excel 2013
This is a practical tutorial for Analysis
Services that shows readers how to solve
problems commonly encountered while
designing cubes, and explains which
features of Analysis Services work well
and which should be avoided. The book
walks through the whole cube development
lifecycle, from building dimensions, cubes
and calculations to tuning and moving the
cube into production. This book is aimed
at Analysis Services developers who
already have some experience but who want

to go into more detail on advanced topics, and who want to learn best practices for cube design.

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.
Tabular Modeling in Microsoft SQL Server
Analysis Services
Introducing Microsoft SQL Server 2014
Prepare for Deeper SQL Server Waters
Building Ebusiness Solutions
Microsoft SQL Server 2008 MDX Step by Step
This book appeals to both developers and database
administrators who are faced with the common
situation of having to migrate or integrate data from
one location into another. While the first section of
the book is designed for the beginner to DTS, it is
assumed that the reader has at least basic database
and programming experience. The second section is
extensive coding, and is best used by someone with
intermediate to advanced programming skills. The
third section contains a mix of examples that will be
useful to all levels of database administrators and
programmers. For the readers who have been using
DTS this section can be used as a reference section

and help with DTS designs and usage. Unlike other resources available, this book covers data transformation in both SQL Server 7 and 2000. Get up to speed with the new features added to Microsoft SQL Server 2019 Analysis Services and create models to support your business Key FeaturesExplore tips and tricks to design, develop, and optimize end-to-end data analytics solutions using Microsoft's technologiesLearn tabular modeling and multi-dimensional cube design development using real-world examplesImplement Analysis Services to help you make productive business decisionsBook 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 learnDetermine the best analytical model using SSASCover the core aspects involved in MDX, including writing your first queryImplement calculated tables and calculation groups (new in version 2019) in DAXCreate and deploy tabular and multi-dimensional models on SQL 2019Connect and create data visualizations using Excel and Power BIImplement row-level and other data security methods with tabular and multi-dimensional modelsExplore essential concepts and techniques to scale, manage, and optimize your SSAS solutionsWho 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.
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.

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.

Exce 2016 Pivo Tabl Data C_p1

With SQL Server 2005 and the Microsoft Business Intelligence Toolset

Microsoft Excel 2010

Commerce Server 2000

Design and query tabular and multi-dimensional models using Microsoft's SQL Server Analysis Services

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. This book shows beginning users how to manage their data using one of the world's most popular programs - Excel — without investing time and money in complex databases such as Access. We've written and organized the book for readers who know something about Excel but nothing about databases. We provide quick start solutions, step-by-step exercises, try-it-out sections, troubleshooting, and best practices solutions. 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.

This book is aimed squarely at Excel users who want to harness thepower of the VBA language in their Excel applications. At alltimes, the VBA language is presented in the context of Excel, notjust as a general application programming language. The Primer has been written for those who are new to VBAprogramming and the Excel object model. It introduces the VBAlanguage and the features of the language that are common to allVBA applications. It explains the relationship between collections,objects, properties, methods, and events and shows how to relatethese concepts to Excel through its object model. It also shows

howto use the Visual Basic Editor and its multitude
of tools,including how to obtain help. The middle
section of the book takes the key objects in
Exceland shows, through many practical examples,
how to go about workingwith those objects. The
techniques presented have been developedthrough
the exchange of ideas of many talented Excel
VBAprogrammers over many years and show the
best way to gain access toworkbooks, worksheets,
charts, ranges, and so on. The emphasis ison
efficiency—that is, how to write code that is
readable andeasy to maintain and that runs at
maximum speed. In addition, thechapters devoted
to accessing external databases detail
techniquesfor accessing data in a range of formats.
The final four chapters of the book address the
followingadvanced issues: linking Excel to the
Internet, writing code forinternational compatibility,
programming the Visual Basic Editor,and how to
use the functions in the Win32 API (Windows
32-bitApplication Programming Interface).
Hands-On SQL Server 2019 Analysis Services
Professional SQL Server Analysis Services 2005
with MDX
Expert Tips and Tricks for Designing Analysis
Services Multidimensional Models
Professional Microsoft SQL Server 2016 Reporting
Services and Mobile Reports
Professional Microsoft SQL Server 2012 Analysis
Services with MDX and DAX
Teach yourself how to build, manage, and

access SQL Server 2OO8 reports—one step at
a time. Whether you're a report developer,
IT administrator, or business user, this
sequential, learn-by-doing tutorial shows
you how to deliver the business
intelligence information your organization
needs. Discover how to: Install and
configure Reporting Services Put Report
Builder and Report Designer tools to work
Create interactive, online reports that
enable users to sort and filter data Add
charts and gauges to present data visually
Deploy reports to Microsoft Office
SharePoint Server Monitor server
performance and help secure content Use
subscriptions to distribute reports via e-
mail Build ad hoc reports and extend them
with custom code 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.
Provides information on the fundamentals
of Microsoft SQL Server 2OO5 Analysis
Services.
Beginning T-SQL 2012 is the first step
toward learning the T-SQL language that
underlies Microsoft's SQL Server database
engine. T-SQL is essential in writing SQL
statements to get data into and out of a

database. T-SQL is the foundation for business logic embedded in the database in the form of stored procedures and functions. Beginning T-SQL 2012 starts you on the path to mastering T-SQL, with an emphasis on best practices and sound coding techniques. Beginning T-SQL 2012 begins with an introduction to databases, normalization, and to SQL Server Management Studio. Each subsequent chapter teaches an aspect of T-SQL, building on the skills learned in previous chapters. Exercises in each chapter give readers an opportunity for the hands-on practice that leads to true learning and distinguishes the competent professional. Imparts best practices for writing T-SQL Helps you avoid common errors Shows how to write scalable code for good performance PivotTables may be Excel's most powerful feature, but Microsoft has estimated that only 15% of Excel users take advantage of them. That's because PivotTables (and their companion feature, PivotCharts) have a reputation for being difficult to learn. Not any more! In this book, Excel legends Bill Jelen ("MrExcel") and Michael Alexander teach PivotTables and PivotCharts step-by-step, using realistic business scenarios that any Excel user can intuitively understand. Jelen and

Alexander go far beyond merely explaining PivotTables and PivotCharts: they present practical "recipes" for solving a wide range of business problems. Drawing on more than 30 combined years of Excel experience, they provide tips and tricks you won't find anywhere else, and show exactly how to sidestep common mistakes. Coverage includes: " Creating PivotTables, customizing them, and changing the way you view them " Performing calculations within PivotTables " Using PivotCharts and other visualizations " Analyzing multiple data sources with PivotTables " Sharing PivotTables with others " Working with and analyzing OLAP data " Making the most of Excel 2010's powerful new PowerPivot feature " Using Excel 2010's Slicer to dynamically filter PivotTables " Enhancing PivotTables with macros and VBA code This book is part of the new MrExcel Library series, edited by Bill Jelen, world-renowned Excel expert and host of the enormously popular Excel help site, MrExcel.com. Teaches PivotTables, PivotCharts, and Excel 2010's new PowerPivot feature through real-world scenarios that make intuitive sense to users at all levels Includes proven PivotTable recipes for instant on-the-job results Helps Excel users avoid common

pitfalls and mistakes Part of the brand-
new MrExcel Library series, edited by
Excel legend Bill Jelen
Microsoft Excel 2O19 Pivot Table Data
Crunching
Programming SQL Server 2OO5
Programming Microsoft SQL Server 2OO8
Human Capital Systems, Analytics, and Data
Mining
Pivot Table Data Crunching
Thorough coverage of development in
SharePoint 2013 A team of well-known
Microsoft MVPs joins forces in this fully
updated resource, providing you with in-
depth coverage of development tools in the
latest iteration of the immensely popular
SharePoint. From building solutions to
building custom workflow and content
management applications, this book shares
field-tested best practices on all aspect
of SharePoint 2013 development. Offers a
thorough look at Windows Azure and
SharePoint 2013 Includes new chapters on
Application Life Cycle Management,
developing apps in SharePoint, and
building PerformancePoint Dashboards in
SharePoint Professional SharePoint 2013
Development is an essential SharePoint
developer title.
Excel 2007 VBA Programmer's Reference
Professional Microsoft SQL Server Analysis

Services 2008 with MDX
Expert Cube Development with Microsoft SQL
Server 2008 Analysis Services
Excel as Your Database