

Dax Formulas For Powerpivot

take advantage of DAX (Data Analysis Expressions) the new standard language for extracting BI within the familiar environment of Excel. This solutions-based guide contains more than 200 DAX queries that can be immediately applied across a wide variety of BI-related problems. It begins with fundamental principles and simple queries and rapidly progresses to complex and sophisticated queries. The book is structured as follows:

- * Query: Introduction and description of query and its use*
- * Syntax:*

Complete DAX syntax Result: Screen shot showing the data returned in an Excel 2010 pivot table* Analysis: Analysis of the results and tips for customization*

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. Renowned DAX experts Alberto Ferrari and Marco Russo teach you how to design data models for maximum efficiency and effectiveness. How can you use Excel and Power BI to gain real insights into your information? As you examine your data, how do you write a formula that provides the numbers you need? The answers to both of these questions lie with the data model. This book introduces the basic techniques for shaping data models in Excel and Power BI. It's meant for readers who are new to

data modeling as well as for experienced data modelers looking for tips from the experts. If you want to use Power BI or Excel to analyze data, the many real-world examples in this book will help you look at your reports in a different way—like experienced data modelers do. As you'll soon see, with the right data model, the correct answer is always a simple one! By reading this book, you will:

- Gain an understanding of the basics of data modeling, including tables, relationships, and keys*
- Familiarize yourself with star schemas, snowflakes, and common modeling techniques*
- Learn the importance of*

granularity • Discover how to use multiple fact tables, like sales and purchases, in a complex data model • Manage calendar-related calculations by using date tables • Track historical attributes, like previous addresses of customers or manager assignments • Use snapshots to compute quantity on hand • Work with multiple currencies in the most efficient way • Analyze events that have durations, including overlapping durations • Learn what data model you need to answer your specific business questions About This Book • For Excel and Power BI users who want to exploit the full

power of their favorite tools • For BI professionals seeking new ideas for modeling data

Just because electronic spreadsheets like Excel 2002 have become almost as commonplace on today's personal computers as word processors and games doesn't mean that they're either well understood or well used. If you're one of the many folks who has Office XP on your computer but doesn't know a spreadsheet from a bedsheet, this means that Excel 2002 is just sitting there taking up a lot of space. Well, it's high time to change all that. One look at the Excel 2002

screen (with all its boxes, buttons, and tabs), and you realize how much stuff is going on there. Excel 2002 For Dummies will help you make some sense out of the rash of icons, buttons, and boxes that you're going to be facing day after day. And when you ready to go beyond spreadsheet basics, this guide will also introduce you to Conjuring up charts Inserting graphics Designing a database Converting spreadsheets into Web pages Most of all, Excel 2002 For Dummies covers the fundamental techniques that you need to know in order to create, edit, format, and print your own worksheets. In this

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book, you'll find all the information that you need to keep your head above water as you accomplish the everyday tasks that people do with Excel. This down-to-earth guide covers all these topics and more: Creating a spreadsheet from scratch Document recovery Formatting fundamentals Making corrections (and how to undo them) Retrieving data from your spreadsheets Protecting your documents Demystifying formulas Now, even if your job doesn't involve creating worksheets with a lot of fancy financial calculations or lah-dee-dah charts, you probably have plenty of things for which you could and

should be using Excel. For instance, you may have to keep lists of information or maybe even put together tables of information for your job. Excel is a great list keeper and one heck of a table maker. You can use Excel anytime you need to keep track of products that you sell, clients who you service, employees who you oversee, or you name it.

Introducing Microsoft Power BI

The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel 2010-2016

A Simple Guide to the Excel Revolution

Excel 476536564 Intelligence: Power Pivot and

DAX

Visual QuickPro Guide

Practical PowerPivot & DAX Formulas for Excel 2010

How to Design and Create a Financial Dashboard with PowerPivot - End to End

Data Analysis Expressions (DAX) allow Microsoft Excel users to create powerful calculated fields in Power Pivot. In this course—the third and final installment of the Excel 476536564 Intelligence series—experienced Excel trainer Chris Dutton spells out how to use the DAX language and Power

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Pivot to explore and analyze relational data models. Chris picks up where he left off in the previous installment of the series, demonstrating how to add calculated columns and measures to data models in Excel. He highlights the differences between calculated columns and DAX measures, covers common DAX formulas and functions, and discusses best practices for working with DAX and Power Pivot.

Shows readers how to perform complex data analysis, create reports with the data analysis expressions language, and add hierarchies to data models to enable faster

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browsing.

An active reading experience to learn DAX Power Pivot is an embedded database that significantly improves the business intelligence (BI) reporting and analytics capabilities of Microsoft Excel (versions 2010 and above). Data analysis expressions (DAX) is the formula language of Power Pivot. Learning the DAX language is key to empower Excel users so they can take advantage of these new BI capabilities, however unfortunately simply reading a book is normally not enough for Excel users to learn the DAX language - most people will also need

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some practice. Learn to Write DAX is different to other books - it is written in such a way to clearly explain the concepts of Power Pivot while at the same time giving hands-on practice to deeply engage the reader and to help the new knowledge and concepts stick. The book first presents the theory, then provides worked through sample exercises demonstrating each of the concepts, and finally it provides the reader with practice exercises and answers to maximize learning retention. This is the second edition of the book Learn to Write DAX. This second edition has been updated for the Excel 2016 user

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interface while still providing a bridge for readers wanting to learn DAX in the Excel environment and then transfer their new DAX skills across to Power BI.

MrExcel 2021 is designed to make the reader far more efficient in their use of Microsoft Excel. Originally designed for Bill Jelen's live Power Excel seminars, the target audience already uses Excel 40 hours a week. These tips are the "aha" tips that uncover secret methods in Excel. The book covers general Excel functions, pivot tables, formulas such as VLOOKUP and the new XLOOKUP. It introduces elements of modern Excel such

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as the Power Pivot Data Model and cleaning data with Power Query. Updated annually, this edition for 2021 adds information on LET and LAMBDA functions, amazing new data types, dynamic array formulas, and more.

MrExcel 2021

Over 120 recipes to enhance your business with analytics, reporting, and business intelligence

When you learn to Write DAX for Power Pivot

Power Pivot for Newbies

Excel 2002 For Dummies

DAX Cookbook

Power Pivot in Your Pocket

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Readers can take their PHP skills to the next level with this fully revised and updated PHP Advanced: Visual QuickPro Guide, Third Edition! Filled with fourteen chapters of step-by-step content and written by bestselling author and PHP programmer Larry Ullman, this guide teaches specific topics in direct, focused segments, shows how PHP is used in real-world applications. The book teaches developing web applications using advanced PHP techniques and advanced database concepts, and this edition offers several chapters devoted to object-oriented programming and all-new chapters on debugging, testing, and performance and using the Zend framework. Author hosts a popular companion website at www.larryullman.com, where readers can freely download code used in the book, access a user forum and book

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updates, and get advice directly from the author.

ANALYZE HUGE AMOUNTS OF BUSINESS DATA

FASTER, MORE EASILY, AND MORE ACCURATELY! Use

Microsoft's free PowerPivot add-in for Excel 2010 to analyze

immense amounts of data from any source, perform state-of-

the-art business analysis far more easily, and make better

decisions in less time! Simple, step-by-step instructions walk

you through installing PowerPivot, importing data, using

PivotTables with PowerPivot, using super-powerful DAX

functions and measures, reporting to print or SharePoint, and

a whole lot more. Whatever your Excel data analysis

experience, this book will help you use PowerPivot to get the

right answers, right now—without IT's help! Import and

integrate data from spreadsheets, SQL Server, Access,

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Oracle, text files, Atom data feeds, and other sources
Analyze multiple tables together, without complicated
VLOOKUPS Format, sort, and filter data in the PowerPivot
window Add calculated columns using new DAX functions
Create powerful reports from PowerPivot data—and format
them so executives instantly get your point Discover
PivotTable tricks that work even better in PowerPivot Control
multiple PivotTable elements on one worksheet, with one set
of Excel 2010 Slicers Use DAX Measures to quickly perform
tasks that were difficult or impossible with Calculated Fields
Compare today's sales to yesterday's—or to sales from the
parallel period last fiscal year. Use Named Sets to prepare
asymmetric reports, show actuals for past months and plan
for future months.

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Microsoft PowerPivot for Excel 2010: Give Your Data Meaning introduces PowerPivot in Excel 2010 to power users and data analysts who want to give their data meaning by creating their own Business Intelligence models. And with Microsoft Excel 2010: Data Analysis and Business Modeling, you'll learn the best ways to use Office Excel 2010 for data analysis and business modeling. Award-winning professor and statistician Wayne Winston shares practical examples to help you transform data into bottom-line results. Web site includes practice files. The two books included in this kit are:

9780735640580 Microsoft PowerPivot for Excel 2010
9780735643369 Microsoft Office Excel 2007: Data Analysis and Business Modeling, 3E

Microsoft's revolutionary Power Pivot is a tool that allows

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users to create and transform data into reports and dashboards in new and much more powerful ways using the most-used analytical tool in the world: Excel. This book, written by a member of Microsoft's Power Pivot team, provides a practical step by step guide on creating a financial dashboard. The book covers in detail how to combine and shape the relevant data, build the dashboard in Excel, providing layout and design tips and tricks, prepare the model to work with fiscal dates, and show values used in many financial reports, including year-to-date, variance-to-target, percentage-of-total, and running totals reports. Accessibly written, this book offers readers a practical, real-world scenario and can be used as a day-to-day reference. Though the guide focuses on Power Pivot for Excel 2010, a chapter

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that discusses Power View—compatible with Excel 2013— and Power BI is also included.

A practical guide to learning Power Pivot for Excel and Power BI

Discover the intricacies of this powerful query language to gain valuable insights from your data

DAX Patterns: Second Edition

PHP Advanced and Object-Oriented Programming

Give Your Data Meaning

Power Pivot and Power BI

Excel 2013 All-in-One For Dummies

Microsoft PowerPivot is a free add-on to Excel from Microsoft that allows users to produce new kinds of reports and analyses

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that were simply impossible before, and this book is the first to tackle DAX formulas, the core capability of PowerPivot, from the perspective of the Excel audience. Written by the world's foremost PowerPivot blogger and practitioner, the book's concepts and approach are introduced in a simple, step-by-step manner tailored to the learning style of Excel users everywhere. The techniques presented allow users to produce, in hours or even minutes, results that formerly would have taken entire teams weeks or months to produce. It includes lessons on the difference between calculated columns and measures; how formulas can be reused across reports of completely different shapes; how to merge disjointed sets of data into unified reports; how to make certain columns in a

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pivot behave as if the pivot were filtered while other columns do not; and how to create time-intelligent calculations in pivot tables such as “ Year over Year ” and “ Moving Averages ” whether they use a standard, fiscal, or a complete custom calendar. The “ pattern-like ” techniques and best practices contained in this book have been developed and refined over two years of onsite training with Excel users around the world, and the key lessons from those seminars costing thousands of dollars per day are now available to within the pages of this easy-to-follow guide. This updated second edition covers new features introduced with Office 2015.

Any data analytics solution requires data population and preparation. With the rise of data analytics solutions these

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years, the need for this data preparation becomes even more essential. Power BI is a helpful data analytics tool that is used worldwide by many users. As a Power BI (or Microsoft BI) developer, it is essential to learn how to prepare the data in the right shape and format needed. You need to learn how to clean the data and build it in the structure that can be modeled easily and used high performant for visualization. Data preparation and transformation is the backend work. If you consider building a BI system as going to a restaurant and ordering food. The visualization is the food you see on the table nicely presented. The quality, the taste, and everything else comes from the hard work in the kitchen. The part that you don ' t see or the backend in the world of Power BI is

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Power Query. You may be already familiar with some other data preparation and data transformation technologies, such as T-SQL, SSIS, Azure Data Factory, Informatica, etc. Power Query is a data transformation engine capable of preparing the data in the format you need. The good news is that to learn Power Query; you don ' t need to know programming. Power Query is for citizen data engineers. However, this doesn ' t mean that Power Query is not capable of performing advanced transformation. Unfortunately, because Power Query and data preparation is the kitchen work of the BI system, many Power BI users skip the learning of it and become aware of it somewhere along their BI project. Once they get familiar with it, they realize there are tons of things

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they could have implemented easier, faster, and in a much more maintainable way using Power Query. In other words, they learn mastering Power Query is the key skill toward mastering Power BI. We have been working with Power Query since the very early release of that in 2013, named Data Explorer, and wrote blog articles and published videos about it. The number of articles we published under this subject easily exceeds hundreds. Through those articles, some of the fundamentals and key learnings of Power Query are explained. We thought it is good to compile some of them in a book. A good analytics solution combines a good data model, good data preparation, and good analytics and calculations. Reza has written another book about the Basics of modeling in

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Power BI and a book on Power BI DAX Simplified. This book is covering the data preparation and transformations aspects of it. This book is for you if you are building a Power BI solution. Even if you are just visualizing the data, preparation and transformations are an essential part of analytics. You do need to have the cleaned and prepared data ready before visualizing it. This book is compiled into a series of two books, which will be followed by a third book later; Getting started with Power Query in Power BI and Excel (this book) Mastering Power Query in Power BI and Excel (already available to be purchased separately) Power Query dataflows (will be published later) Although this book is written for Power BI and all the examples are presented using the Power BI. However,

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the examples can be easily applied to Excel, Dataflows, and other tools and services using Power Query.

Active learning lessons for mastering DAX Data analysis expressions (DAX) is the formula language of PowerPivot and this book is written to give hands-on practice to anyone who wants to become competent at writing such formulas. Sample exercises that explain each concept are provided and followed by practice questions and answers to maximize learning and experience with DAX.

Power BI is a powerful self-service (and enterprise) business intelligence (BI) tool that was first made generally available by Microsoft in July 2015. Power BI is a complete BI package that covers the end to end BI process including data acquisition (get

data), data modelling (prepare/model the data) and data visualisation (analyse the data). And there is a lot of good news about this tool including the fact that the skills needed to succeed with Power BI are fully transferable to Microsoft Excel. There are 3 learning areas required to master everything Power BI Desktop has to offer.

1. The M Language - used for data acquisition
2. The DAX Language - used to prepare and model data
3. Visualisation and analysis - used to present data in a compelling way

Power BI is probably the first commercial grade software product that brings all of these areas into a single software package that is completely accessible to a business user (you don't need to be an IT pro). This book focuses on number 2 above, the DAX language

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(Data Analysis Expressions). Super Charge Power BI Desktop is the second book written by Matt Allington and is a sister book to his first book Learn to Write DAX (first released Dec 2015). Super Charge Power BI Desktop uses the same learning and practice exercise framework as used in Learn to Write DAX however the entire book is written using the Power BI Desktop user interface. Unfortunately simply reading a book is normally not enough for Excel users wanting to get the most out of Power BI Desktop and to learn the DAX language - most people will also need some practice. Super Charge Power BI Desktop is different to other books - it is written in such a way to clearly explain the concepts of Power BI data modelling while at the same time giving hands-on practice to deeply

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engage the reader to help the new knowledge and concepts stick. The book first presents the theory, then provides worked through sample exercises demonstrating each of the concepts, and finally it provides the reader with practice exercises and answers to maximize learning retention.

Hands-On Business Intelligence with DAX

The Definitive Guide to DAX

Unmasking Excel

A Guide to the M Language in Excel Power Query

The Art of Power Pivot

Una guía simple hacia la revolución de Excel

Super Charge Excel

Attention all SQL Pros, DAX is not just for

writing Excel-based formulas! Get hands-on learning and expert advice on how to use the vast capabilities of the DAX language to solve common data modeling challenges. Beginning DAX with Power BI teaches key concepts such as mapping techniques from SQL to DAX, filtering, grouping, joining, pivoting, and using temporary tables, all aimed at the SQL professional. Join author Philip Seamark as he guides you on a journey through typical business data transformation scenarios and challenges, and teaches you, step-by-step, how to resolve challenges using DAX. Tips, tricks, and shortcuts are included

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and explained, along with examples of the SQL equivalent, in order to accelerate learning. Examples in the book range from beginner to advanced, with plenty of detailed explanation when walking through each scenario. What You'll Learn Turbocharge your Power BI model by adding advanced DAX programming techniques Know when to use calculated measures versus calculated columns Generate new tables on the fly from existing data Optimize, monitor, and tune Power BI to improve performance of your models Discover new ideas, tricks, and time-saving techniques for better models Who This Book Is For Business intelligence developers,

business analysts, or any SQL user who wants to use Power BI as a reporting tool. A solid understanding of SQL is recommended, as examples throughout the book include the DAX equivalents to SQL problem/solution scenarios.

Microsoft PowerPivot is a free add-on to Excel from Microsoft that allows users to produce new kinds of reports and analyses that were simply impossible before, and this book is the first to tackle DAX formulas, the core capability of PowerPivot, from the perspective of the Excel audience. Written by the world's foremost PowerPivot blogger and

practitioner, the book's concepts and approach are introduced in a step-by-step manner tailored to the learning style of Excel users everywhere. The techniques presented allow users to produce, in hours or even minutes, results that formerly would have taken entire teams weeks or months to produce. The "pattern-like" techniques and best practices contained in this book have been developed and refined over two years of onsite training with Excel users around the world, and the key lessons from those seminars costing thousands of dollars per day are now available within the pages of this

easy-to-follow guide. This updated edition covers new features introduced with Office 2015.

Microsoft's Power Pivot is an add-on to Excel that enables you to produce new kinds of reports and analyses that were simply impossible before. This book is the first to tackle DAX formulas, the core capability of Power Pivot, from the perspective of the Excel audience. Written by a leading Power Pivot educator (and former leader on the Power Pivot and Excel teams at Microsoft), the book's concepts and approach are introduced in a simple, step-by-step manner

tailored to the learning style of Excel users everywhere. The techniques presented allow users to produce, in hours or even minutes, results that formerly would have taken entire teams weeks or months to produce. In this book you will learn how Power Pivot:

- 1) Gives you "portable" formulas that can be re-used across multiple different reports with a single click.
- 2) Removes the need to ever write a VLOOKUP formula again.
- 3) Allows you to add smart calculations to pivots, such as "Year over Year" and "Moving Averages" which auto-adjust as the pivot changes.
- 4) Effortlessly merges disjointed sets of data

into unified insight. As a bonus, Power Pivot and DAX formulas are both the heart AND brain of Microsoft's "Power BI" system, giving us a long-needed bridge between the worlds of Excel and Business Intelligence – a bridge that any Excel PivotTable user can cross with the help of this easy-to-follow book. Your new career – and your organization's future – starts within these pages

Learn the intricate workings of DAX and the mechanics that are necessary to solve advanced Power BI challenges. This book is all about DAX (Data Analysis Expressions), the formula language used in Power

BI—Microsoft's leading self-service business intelligence application—and covers other products such as PowerPivot and SQL Server Analysis Services Tabular. You will learn how to leverage the advanced applications of DAX to solve complex tasks. Often a task seems complex due to a lack of understanding, or a misunderstanding of core principles, and how certain components interact with each other. The authors of this book use solutions and examples to teach you how to solve complex problems. They explain the intricate workings of important concepts such as Filter Context and Context Transition. You will learn how

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Power BI, through combining DAX building blocks (such as measures, table filtering, and data lineage), can yield extraordinary analytical power. Throughout Pro Dax with Power BI these building blocks are used to create and compose solutions for advanced DAX problems, so you can independently build solutions to your own complex problems, and gain valuable insight from your data. What You Will Learn Understand the intricate workings of DAX to solve advanced problems Deconstruct problems into manageable parts in order to create your own recipes Apply predefined solutions for addressing problems,

and link back step-by-step to the mechanics of DAX, to know the foundation of this powerful query language Get fully on board with DAX, a new and evolving language, by learning best practices Who This Book Is For Anyone who wants to use Power BI to build advanced and complex models. Some experience writing DAX is helpful, but not essential if you have experience with other data query languages such as MDX or SQL.

Microsoft Excel 2010

Power Pivot for Techies

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

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Power Pivot in a Day

Business Intelligence with PowerPivot and SQL Server Analysis Services Tabular

Learn to Write DAX

The Excel Pro's Guide to Mastering Dax

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

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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/>.

250 + ready-to-use, powerful DAX formulas Develop effective business intelligence (BI) solutions and drive faster, better decision making across your enterprise with help from an experienced database consultant and trainer. Through clear explanations, screenshots, and examples, *Practical PowerPivot & DAX Formulas for Excel 2010* shows you how to extract actionable insights

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from vast amounts of corporate data. More than 250 downloadable DAX formulas plus valuable appendixes covering SQL, MDX, and DMX query design are included in this hands-on guide. Build pivot tables and charts with PowerPivot for Excel Import information from Access, Excel, data feeds, SQL Server, and other sources Organize and format BI reports using the PowerPivot Field List Write DAX formulas that filter, sort, average, and denormalize data Construct complex DAX formulas from statistical, math, and date functions Compare current and past performance using date and time intelligence Handle non-additive numbers, non-numeric values, and running totals Develop complete self-service

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and sharable BI solutions in a few minutes Download the source code from

www.mhprofessional.com/computingdownload

A guide to PowerPivot and Power Query no data cruncher should be without! Want to familiarize yourself with the rich set of Microsoft Excel tools and reporting capabilities available from PowerPivot and Power Query? Look no further! Excel PowerPivot & Power Query For Dummies shows you how this powerful new set of tools can be leveraged to more effectively source and incorporate 'big data' Business Intelligence and Dashboard reports. You'll discover how PowerPivot and Power Query not only allow you to save time and simplify

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your processes, but also enable you to substantially enhance your data analysis and reporting capabilities. Gone are the days of relatively small amounts of data—today's data environment demands more from business analysts than ever before. Now, with the help of this friendly, hands-on guide, you'll learn to use PowerPivot and Power Query to expand your skill-set from the one-dimensional spreadsheet to new territories, like relational databases, data integration, and multi-dimensional reporting. Demonstrates how Power Query is used to discover, connect to, and import your data Shows you how to use PowerPivot to model data once it's been imported Offers guidance on using these tools

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to make analyzing data easier Written by a Microsoft MVP in the lighthearted, fun style you've come to expect from the For Dummies brand If you spend your days analyzing data, Excel PowerPivot & Power Query For Dummies will get you up and running with the rich set of Excel tools and reporting capabilities that will make your life—and work—easier.

PowerPivot is an amazing new add-in for Excel 2013 that allows business intelligence pros to process large amounts data. Although it is simple to use in a demo environment, analysts are likely to run into real-life scenarios that are difficult to solve. This guide, dedicated solely to the PowerPivot tool, provides techniques and

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solutions to real-world problems, including showing the Top N customers by using slicer filters, comparing budget to actuals, drilling across data instead of through data, and joining data from two different sources in a single analysis.

Super Charge Power BI

Patterns and Techniques for Excel

Power Pivot and Power Bi: The Excel User's Guide to Dax, Power Query, Power Bi & Power Pivot in Excel 2010-2016

Pro DAX with Power BI

Microsoft Excel 2013

Getting, transforming, and preparing the data. The first

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step towards data analysis

The Excel Pro's Guide to Mastering DAX

Solve real-world business problems by learning how to create common industry key performance indicators and other calculations using DAX within Microsoft products such as Power BI, SQL Server, and Excel. Key Features Learn to write sophisticated DAX queries to solve business intelligence and data analytics challenges Handle performance issues and optimization within the data model, DAX calculations and more Solve business issues with Microsoft Excel, Power BI, and SQL Server using DAX queries Book

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Description DAX provides an extra edge by extracting key information from the data that is already present in your model. Filled with examples of practical, real-world calculations geared toward business metrics and key performance indicators, this cookbook features solutions that you can apply for your own business analysis needs. You'll learn to write various DAX expressions and functions to understand how DAX queries work. The book also covers sections on dates, time, and duration to help you deal with working days, time zones, and shifts. You'll then discover how to manipulate text and numbers

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to create dynamic titles and ranks, and deal with measure totals. Later, you'll explore common business metrics for finance, customers, employees, and projects. The book will also show you how to implement common industry metrics such as days of supply, mean time between failure, order cycle time and overall equipment effectiveness. In the concluding chapters, you'll learn to apply statistical formulas for covariance, kurtosis, and skewness. Finally, you'll explore advanced DAX patterns for interpolation, inverse aggregators, inverse slicers, and even forecasting with a

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deseasonalized correlation coefficient. By the end of this book, you'll have the skills you need to use DAX's functionality and flexibility in business intelligence and data analytics. What you will learn Understand how to create common calculations for dates, time, and duration Create key performance indicators (KPIs) and other business calculations Develop general DAX calculations that deal with text and numbers Discover new ideas and time-saving techniques for better calculations and models Perform advanced DAX calculations for solving statistical measures and other mathematical formulas Handle errors

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in DAX and learn how to debug DAX calculations Understand how to optimize your data models Who this book is for Business users, BI developers, data analysts, and SQL users who are looking for solutions to the challenges faced while solving analytical operations using DAX techniques and patterns will find this book useful. Basic knowledge of the DAX language and Microsoft services is mandatory.

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book is the first to tackle DAX formulas, the core capability of PowerPivot, from the perspective of the Excel audience. Written by the world's foremost PowerPivot blogger and practitioner, the book's concepts and approach are introduced in a simple, step-by-step manner tailored to the learning style of Excel users everywhere. The techniques presented allow users to produce, in hours or even minutes, results that formerly would have taken entire teams weeks or months to produce. It includes lessons on the difference between calculated columns and measures; how formulas can be reused across

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reports of completely different shapes; how to merge disjointed sets of data into unified reports; how to make certain columns in a pivot behave as if the pivot were filtered while other columns do not; and how to create time-intelligent calculations in pivot tables such as "Year over Year" and "Moving Averages" whether they use a standard, fiscal, or a complete custom calendar. The "pattern-like" techniques and best practices contained in this book have been developed and refined over two years of onsite training with Excel users around the world, and the key lessons from those seminars costing

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thousands of dollars per day are now available to within the pages of this easy-to-follow guide. This updated second edition covers new features introduced with Office 2015.

The comprehensive reference, now completely up-to-date for Excel 2013! As the standard for spreadsheet applications, Excel is used worldwide - but it's not always user-friendly. However, in the hands of veteran bestselling author Greg Harvey, Excel gets a whole lot easier to understand! This handy all-in-one guide covers all the essentials, the new features, how to analyze data with

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Excel, and much more. The featured minibooks address Excel basics, worksheet design, formulas and functions, worksheet collaboration and review, charts and graphics, data management, data analysis, and Excel and VBA. Covers the changes in the newest version as well as familiar tasks, such as creating and editing worksheets, setting up formulas, and performing statistical functions Walks you through the new analysis tools that help make it easier to visualize data with the click of a mouse Details new ways to explore your data more intuitively and then analyze and display your

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results with a single click Whether you're an Excel newbie or a veteran user to wants to get familiar with the latest version, Excel 2013 All-in-One For Dummies has everything you need to know.

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

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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

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*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*

DAX Formulas for PowerPivot

Power Pivot Easy Handbook

*Getting started with Power Query in Power BI
and Excel*

*Practical Powerpivot & Dax Formulas For Excel
2010*

Excel Power Pivot and Power Query For Dummies

Fórmulas DAX para PowerPivot

Building Data Models with PowerPivot

Microsoft PowerPivot is a free add-on to Excel from Microsoft that allows users to produce new kinds of reports and analyses that were simply impossible before. Written by the world's foremost PowerPivot blogger and practitioner, this guide is the first to tackle DAX formulas, the core capability of PowerPivot, from the perspective of the Excel audience in a simple, step-by-step manner tailored to its learning style. The techniques presented allow individuals to produce, in hours or even minutes, results that formerly would have taken entire teams weeks or months to produce and include lessons on

the difference between calculated columns and measures, how formulas can be reused across reports of completely different shapes, how to merge disjointed sets of data into unified reports, how to make certain columns in a pivot behave as if the pivot were filtered while other columns do not, and how to create time-intelligent calculations in pivot tables such as “Year over Year” and “Moving Averages” whether they use a standard, fiscal, or a complete custom calendar. The “pattern-like” techniques and best practices contained in this book have been developed and refined over two years of onsite training with Excel users around the world,

and now those key lessons—usually available in seminars costing thousands of dollars per day—are available to readers within the pages of this easy-to-follow manual.

Power Pivot is a feature of Microsoft Excel. It is available as an add-in in Excel 2010 and 2013, and is included natively in Excel 2016. PowerPivot extends a local instance of Microsoft Analysis Services Tabular that is embedded directly into an Excel Workbook. This allows a user to build a ROLAP model in PowerPivot, and use pivot tables to explore the model once it is built. This allows Excel to act as a Self-Service BI platform, implementing

professional expression languages to query the model and calculate advanced measures.

PowerPivot primarily uses DAX (Data Analysis Expressions) as its expression language, although the model can be queried via MDX in a row set expression. DAX expressions allow a user to create measures based on the data model, which can summarize and aggregate millions of rows of table data in seconds. DAX expressions resolve to T-SQL queries in the Formula and Storage Engines that drive the data model, abstracting the more verbose and tedious work of writing formal queries to excel-like formula expressions. This updated and

expanded second edition of Book 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. Implement business intelligence (BI), data modeling, and data analytics within Microsoft products such as

Power BI, SQL Server, and Excel Key Features

Understand the ins and outs of DAX expressions and querying functions with the help of easy-to-follow examples Manipulate data of varying complexity and optimize BI workflows to extract key insights Create, monitor, and improve the performance of models by writing clean and robust DAX queries Book Description Data Analysis Expressions (DAX) is known for its ability to increase efficiency by extracting new information from data that is already present in your model. With this book, you'll learn to use DAX's functionality and flexibility in the BI and data analytics domains. You'll start by learning the

basics of DAX, along with understanding the importance of good data models, and how to write efficient DAX formulas by using variables and formatting styles. You'll then explore how DAX queries work with the help of examples. The book will guide you through optimizing the BI workflow by writing powerful DAX queries. Next, you'll learn to manipulate and load data of varying complexity within Microsoft products such as Power BI, SQL Server, and Excel Power Pivot. You'll then discover how to build and extend your data models to gain additional insights, before covering progressive DAX syntax and functions to understand complex

relationships in DAX. Later, you'll focus on important DAX functions, specifically those related to tables, date and time, filtering, and statistics. Finally, you'll delve into advanced topics such as how the formula and storage engines work to optimize queries. By the end of this book, you'll have gained hands-on experience in employing DAX to enhance your data models by extracting new information and gaining deeper insights. What you will learn Understand DAX, from the basics through to advanced topics, and learn to build effective data models Write and use DAX functions and expressions with the help of hands-on examples

Discover how to handle errors in your DAX code, and avoid unwanted results Load data into a data model using Power BI, Excel Power Pivot, and SSAS Tabular Cover DAX functions such as date, time, and time intelligence using code examples Gain insights into data by using DAX to create new information Understand the DAX VertiPaq engine and how it can help you optimize data models Who this book is for This book is for data analysts, business analysts, BI developers, or SQL users who want to make the best use of DAX in the BI and data analytics domain with the help of examples. Some understanding of BI concepts is mandatory to fully understand the

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concepts covered in the book.

Power BI Is Better When You Learn to Write DAX

PowerPivot Alchemy

Microsoft PowerPivot for Excel 2010

**Analyzing Data with Power BI and Power Pivot for
Excel**

Power Pivot for Starters

Beginning DAX with Power BI

The Power Pivot Handbook