

# Powerpivot For The Data Analyst Microsoft Excel 2010 Mrexcel Library

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*PowerPivot Alchemy* - Bill Jelen 2014-06-01  
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 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.

## **Microsoft Excel 2019 Pivot Table Data Crunching** - Bill Jelen 2018-12-27

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

[Microsoft Power BI For Dummies](#) - Jack A. Hyman 2022-02-08

Reveal the insights behind your company's data with Microsoft Power BI Microsoft Power BI allows intuitive access to data that can power intelligent business decisions and insightful strategies. The question is, do you have the Power BI skills to make your organization's numbers spill their secrets? In *Microsoft Power BI For Dummies*, expert lecturer, consultant, and author Jack Hyman delivers a start-to-finish guide to applying the Power BI platform to your own firm's data. You'll discover how to start exploring your data sources, build data models, visualize your results, and create compelling reports that motivate decisive action. Tackle the

basics of Microsoft Power BI and, when you're done with that, move on to advanced functions like accessing data with DAX and app integrations Guide your organization's direction and decisions with rock-solid conclusions based on real-world data Impress your bosses and confidently lead your direct reports with exciting insights drawn from Power BI's useful visualization tools It's one thing for your company to have data at its disposal. It's another thing entirely to know what to do with it.

Microsoft Power BI For Dummies is the straightforward blueprint you need to apply one of the most powerful business intelligence tools on the market to your firm's existing data.

Reporting with Microsoft SQL Server 2012 - James Serra 2014-03-18

This is a step-by-step tutorial that deals with Microsoft Server 2012 reporting tools:SSRS and Power View. If you are a BI developer, consultant, or architect who wishes to learn how to use SSRS and Power View, and want to understand the best use for each tool, then this book will get you up and running quickly. No prior experience is required with either tool!

**Microsoft Excel 2010** - Wayne L. Winston 2011  
An award-winning business professor and corporate consultant shares the best of his real-world experience in this practical, scenario-focused guide--fully updated for Excel 2010.

**Beginning Power BI** - Dan Clark 2017-02-28  
Analyze your company's data quickly and easily using Microsoft's latest tools. You will learn to build scalable and robust data models to work from, clean and combine different data sources effectively, and create compelling visualizations and share them with your colleagues. Author Dan Clark takes you through each topic using step-by-step activities and plenty of screen shots to help familiarize you with the tools. This second edition includes new material on advanced uses of Power Query, along with the latest user guidance on the evolving Power BI platform. Beginning Power BI is your hands-on guide to quick, reliable, and valuable data insight. What You'll Learn Simplify data discovery, association, and cleansing Build solid analytical data models Create robust interactive data presentations Combine analytical and geographic data in map-based visualizations Publish and share dashboards and reports Who

This Book Is For Business analysts, database administrators, developers, and other professionals looking to better understand and communicate with data

**The Definitive Guide to DAX** - Alberto Ferrari 2015-10-14

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

**Guerilla Data Analysis Using Microsoft Excel** - Bill Jelen 2002-09-30

This book includes step-by-step examples and case studies that teach users the many power tricks for analyzing data in Excel. These are tips honed by Bill Jelen, "MrExcel," during his 10-year run as a financial analyst charged with taking mainframe data and turning it into useful information quickly. Topics include perfectly sorting with one click every time, matching lists of data, data consolidation, data subtotals, pivot tables, and much more.

*Excel Power Pivot & Power Query For Dummies* - Michael Alexander 2016-03-18

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 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 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.

#### Analyzing Data with Power BI and Power Pivot for Excel - Alberto Ferrari 2017-04-28

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

#### PowerPivot for Business Intelligence Using Excel and SharePoint - Barry Ralston 2011-04-06

PowerPivot comprises a set of technologies for easy access to data mining and business intelligence analysis from Microsoft Excel and SharePoint. Power users and developers alike can create sophisticated, online analytic processing (OLAP) solutions using PowerPivot for Excel, and then share those solutions with other users via PowerPivot for SharePoint. Data can be pulled in from any of the leading database platforms, as well as from spreadsheets and flat files. PowerPivot for Business Intelligence Using Excel and SharePoint is your key to mastering PowerPivot. The book takes a scenario-based approach to showing you how to collect data, to mine that data through insightful analysis, and to draw conclusions that drive business performance. Each chapter in the book is focused on a specific challenge that you'll encounter when using PowerPivot. Each chapter takes you through a solution technique that's been proven in the real world. Covers the leading technology for bringing data analytics to the desktop Presents real-world solutions to real-world scenarios Written by a Microsoft Virtual Technical

Specialist (VTS) for business intelligence  
Microsoft Excel 2013 - Alberto Ferrari 2013  
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 browsing.

The Microsoft Data Warehouse Toolkit - Joy Mundy 2011-02-25

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

**PowerPivot for the Data Analyst** - Bill Jelen 2010

Presents information on using the Pivot add-in for Excel 2010 to analyze business data, covering such topics as installation, using DAX functions and measures, importing data, and

reporting to SharePoint.

Microsoft Excel 365 Data Analysis and Business Modeling - WAYNE. WINSTON 2021-12-28

Master business modeling and analysis techniques with Microsoft Excel, and transform data into bottom-line results. Written by award-winning educator Wayne Winston, this hands-on, scenario-focused guide shows you how to use the latest Excel tools to integrate data from multiple tables--and how to effectively build a relational data source inside an Excel workbook.

**Professional Microsoft PowerPivot for Excel and SharePoint** - Sivakumar Harinath 2010-06-15

With PowerPivot, Microsoft brings the power of Microsoft's business intelligence tools to Excel and SharePoint users. Self-service business intelligence today augments traditional BI methods, allowing faster response time and greater flexibility. If you're a business decision-maker who uses Microsoft Office or an IT professional responsible for deploying and managing your organization's business intelligence systems, this guide will help you make the most of PowerPivot. Professional Microsoft PowerPivot for Excel and SharePoint describes all aspects of PowerPivot and shows you how to use each of its major features. By the time you are finished with this book, you will be well on your way to becoming a PowerPivot expert. This book is for people who want to learn about PowerPivot from end to end. You should have some rudimentary knowledge of databases and data analysis. Familiarity with Microsoft Excel and Microsoft SharePoint is helpful, since PowerPivot builds on those two products. This book covers the first version of PowerPivot, which ships with SQL Server 2008 R2 and enhances Microsoft Office 2010. It provides an overview of PowerPivot and a detailed look its two components: PowerPivot for Excel and PowerPivot for SharePoint. It explains the technologies that make up these two components, and gives some insight into why these components were implemented the way they were. Through an extended example, it shows how to build a PowerPivot application from end to end. The companion Web site includes all the sample applications and reports discussed.

**Microsoft Excel 2019 Data Analysis and**

## **Business Modeling** - Wayne Winston

2019-03-28

Master business modeling and analysis techniques with Microsoft Excel 2019 and Office 365 and transform data into bottom-line results. Written by award-winning educator Wayne Winston, this hands-on, scenario-focused guide helps you use Excel to ask the right questions and get accurate, actionable answers. New coverage ranges from Power Query/Get & Transform to Office 365 Geography and Stock data types. Practice with more than 800 problems, many based on actual challenges faced by working analysts. Solve real business problems with Excel—and build your competitive advantage: Quickly transition from Excel basics to sophisticated analytics Use PowerQuery or Get & Transform to connect, combine, and refine data sources Leverage Office 365's new Geography and Stock data types and six new functions Illuminate insights from geographic and temporal data with 3D Maps Summarize data with pivot tables, descriptive statistics, histograms, and Pareto charts Use Excel trend curves, multiple regression, and exponential smoothing Delve into key financial, statistical, and time functions Master all of Excel's great charts Quickly create forecasts from historical time-based data Use Solver to optimize product mix, logistics, work schedules, and investments—and even rate sports teams Run Monte Carlo simulations on stock prices and bidding models Learn about basic probability and Bayes' Theorem Use the Data Model and Power Pivot to effectively build and use relational data sources inside an Excel workbook Automate repetitive analytics tasks by using macros

*Data Visualization and Statistical Literacy for Open and Big Data* - Prodromou, Theodosia  
2017-03-20

Data visualization has emerged as a serious scholarly topic, and a wide range of tools have recently been developed at an accelerated pace to aid in this research area. Examining different ways of analyzing big data can result in increased efficiency for many corporations and organizations. *Data Visualization and Statistical Literacy for Open and Big Data* highlights methodological developments in the way that data analytics is both learned and taught.

Featuring extensive coverage on emerging relevant topics such as data complexity, statistics education, and curriculum development, this publication is geared toward teachers, academicians, students, engineers, professionals, and researchers that are interested in expanding their knowledge of data examination and analysis.

[Practical PowerPivot & DAX Formulas for Excel 2010](#) - Art Tennick 2010-09-05

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 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 and sharable BI solutions in a few minutes Download the source code from [www.mhprofessional.com/computingdownload](http://www.mhprofessional.com/computingdownload)

**Dashboarding and Reporting with Power Pivot and Excel** - Kasper de Jonge 2014-07-01

Microsoft's revolutionary Power Pivot is a tool that allows 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 that discusses Power View—compatible with Excel 2013— and Power BI is also included.

*Microsoft Business Intelligence Tools for Excel Analysts* - Michael Alexander 2014-05-05

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.

**Managerial Perspectives on Intelligent Big Data Analytics** - Sun, Zhaohao 2019-02-22

Big data, analytics, and artificial intelligence are

revolutionizing work, management, and lifestyles and are becoming disruptive technologies for healthcare, e-commerce, and web services.

However, many fundamental, technological, and managerial issues for developing and applying intelligent big data analytics in these fields have yet to be addressed. *Managerial Perspectives on Intelligent Big Data Analytics* is a collection of innovative research that discusses the integration and application of artificial intelligence, business intelligence, digital transformation, and intelligent big data analytics from a perspective of computing, service, and management. While highlighting topics including e-commerce, machine learning, and fuzzy logic, this book is ideally designed for students, government officials, data scientists, managers, consultants, analysts, IT specialists, academicians, researchers, and industry professionals in fields that include big data, artificial intelligence, computing, and commerce.

**Visualizing Data with Microsoft Power View (SET 2)** - Brian Larson 2012-05-06

Reveals how to build rich BI reports with just a few clicks using Crescent, Microsoft's newest BI tool Technical review by Microsoft's Crescent team and Foreword by Group Program Manager for Crescent Complete, practical examples are immediately usable to readers in a commercial environment CD-ROM contains 30+ reusable reports, all code samples, and supporting animations that walk thru each example *Microsoft Excel Data Analysis and Business Modeling* - Wayne Winston 2016-11-29

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. Master business modeling and analysis techniques with Microsoft Excel 2016, and transform data into bottom-line results. Written by award-winning educator Wayne Winston, this hands on, scenario-focused guide helps you use Excel's newest tools to ask the right questions and get accurate, actionable answers. This edition adds 150+ new problems with solutions, plus a chapter of basic spreadsheet models to make sure you're fully up to speed. Solve real business problems with Excel—and build your competitive advantage Quickly transition from Excel basics to sophisticated analytics Summarize data by using

PivotTables and Descriptive Statistics Use Excel trend curves, multiple regression, and exponential smoothing Master advanced functions such as OFFSET and INDIRECT Delve into key financial, statistical, and time functions Leverage the new charts in Excel 2016 (including box and whisker and waterfall charts) Make charts more effective by using Power View Tame complex optimizations by using Excel Solver Run Monte Carlo simulations on stock prices and bidding models Work with the AGGREGATE function and table slicers Create PivotTables from data in different worksheets or workbooks Learn about basic probability and Bayes' Theorem Automate repetitive tasks by using macros

**Introducing Microsoft Power BI** - Alberto Ferrari 2016-07-07

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

Learn more about Power BI at <https://powerbi.microsoft.com/>.

*Microsoft Excel 2013 Data Analysis and Business Modeling* - Wayne Winston 2014-01-15

Master business modeling and analysis techniques with Microsoft Excel 2013, and transform data into bottom-line results. Written by award-winning educator Wayne Winston, this hands-on, scenario-focused guide shows you how to use the latest Excel tools to integrate data from multiple tables—and how to effectively build a relational data source inside an Excel workbook. Solve real business problems with Excel—and sharpen your edge Summarize data with PivotTables and Descriptive Statistics Explore new trends in predictive and prescriptive analytics Use Excel Trend Curves, multiple regression, and exponential smoothing

Master advanced Excel functions such as OFFSET and INDIRECT Delve into key financial, statistical, and time functions Make your charts more effective with the Power View tool Tame complex optimization problems with Excel Solver Run Monte Carlo simulations on stock prices and bidding models Apply important modeling tools such as the Inquire add-in *101 Best Excel Tips & Tricks* - Bryan Hong 2021-03-19

Learn the Best Excel Tips & Tricks Ever: FORMULAS, MACROS, PIVOT TABLES, FORMATTING, DATA, MICROSOFT OFFICE 365 plus Many More! With this book, you'll learn to apply the must know Excel features and tricks to make your data analysis & reporting easier and will save time in the process. With this book you get the following: □ 101 Best Excel Tips & Tricks To Advance Your Excel Skills & Save You Hours □ New Excel Tips & Tricks for Microsoft Office 365 □ Easy to Read Step by Step Guide with Screenshots □ Downloadable Practice Excel Workbooks for each Tip & Trick □ You also get a FREE BONUS downloadable PDF version of this book! This book is a MUST-HAVE for Beginner to Intermediate Excel users who want to learn Microsoft Excel FAST & stand out from the crowd!

*Excel Power Pivot & Power Query For Dummies* - Michael Alexander 2016-04-04

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 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 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.

### **Big Data Analytics with Microsoft HDInsight in 24 Hours, Sams Teach Yourself**

**Manpreet Singh** 2015-11-12  
Sams Teach Yourself Big Data Analytics with Microsoft HDInsight in 24 Hours In just 24 lessons of one hour or less, Sams Teach Yourself Big Data Analytics with Microsoft HDInsight in 24 Hours helps you leverage Hadoop's power on a flexible, scalable cloud platform using Microsoft's newest business intelligence, visualization, and productivity tools. This book's straightforward, step-by-step approach shows you how to provision, configure, monitor, and troubleshoot HDInsight and use Hadoop cloud services to solve real analytics problems. You'll gain more of Hadoop's benefits, with less complexity—even if you're completely new to Big Data analytics. Every lesson builds on what you've already learned, giving you a rock-solid foundation for real-world success. Practical, hands-on examples show you how to apply what you learn Quizzes and exercises help you test your knowledge and stretch your skills Notes and tips point out shortcuts and solutions Learn how to... · Master core Big Data and NoSQL concepts, value propositions, and use cases · Work with key Hadoop features, such as HDFS2 and YARN · Quickly install, configure, and monitor Hadoop (HDInsight) clusters in the cloud · Automate provisioning, customize clusters, install additional Hadoop projects, and administer clusters · Integrate, analyze, and report with Microsoft BI and Power BI · Automate workflows for data transformation, integration, and other tasks · Use Apache HBase on HDInsight · Use Sqoop or SSIS to move data to or from HDInsight · Perform R-based

statistical computing on HDInsight datasets · Accelerate analytics with Apache Spark · Run real-time analytics on high-velocity data streams · Write MapReduce, Hive, and Pig programs Register your book at [informit.com/register](http://informit.com/register) for convenient access to downloads, updates, and corrections as they become available.

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

**Alberto Ferrari** 2016-10-28  
To get the right insights from your data, you need to model it right. From Power BI to Power Pivot for Excel, Microsoft offers extremely powerful and accessible tools for modeling data. Now, for the first time, there's a complete guide to building exceptionally effective models using Microsoft's tools. World-renowned Microsoft data analytics experts Marco Russo and Alberto Ferrari introduce all the data modeling theory you'll need, and show how to apply it in the context of Microsoft's current and evolving products. Step by step, you'll learn how to transform simple tables into full analytical models of immense power. You'll master data modeling through a collection of realistic scenarios of increasing sophistication. For each, the authors start with a simple "naive" model that can't provide robust solutions. Next, they guide you to update and improve the model, so it can deliver the knowledge and insights you really need."

[Microsoft Excel Pivot Table Data Crunching \(Office 2021 and Microsoft 365\)](#) - **Bill Jelen** 2021-12-17

Learn how to use Excel 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 and 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.

### **Microsoft PowerPivot for Excel 2010**

**Alberto Ferrari** 2010-10-05  
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  
Financial Modeling in Excel For Dummies - Danielle Stein Fairhurst 2021-12-14

Turn your financial data into insightful decisions with this straightforward guide to financial modeling with Excel Interested in learning how to build practical financial models and forecasts but concerned that you don't have the math skills or technical know-how? We've got you covered! Financial decision-making has never been easier than with Financial Modeling in Excel For Dummies. Whether you work at a mom-and-pop retail store or a multinational corporation, you can learn how to build budgets, project your profits into the future, model capital depreciation, value your assets, and more. You'll learn by doing as this book walks you through practical, hands-on exercises to help you build powerful models using just a regular version of Excel, which you've probably already got on your PC. You'll also: Master the tools and strategies that help you draw insights from numbers and data you've already got Build a successful financial model from scratch, or work with and modify an existing one to your liking Create new and unexpected business strategies with the ideas and conclusions you generate with scenario analysis Don't go buying specialized software or hiring that expensive consultant when you don't need either one. If you've got this book and a working version of Microsoft Excel, you've got all the tools you need to build sophisticated and useful financial models in no time!

**Excel Power Pivot & Power Query For Dummies** - Michael Alexander 2022-01-25  
Learn to crunch huge amounts of data with PowerPivot and Power Query Do you have a ton

of data you need to make sense of? Microsoft's Excel program can handle amazingly large data sets, but you'll need to get familiar with PowerPivot and Power Query to get started. And that's where Dummies comes in. With step-by-step instructions—accompanied by ample screenshots—Excel PowerPivot & Power Query For Dummies will teach you how to save time, simplify your processes, and enhance your data analysis and reporting. Use Power Query to discover, connect to, and import your organization's data. Then use PowerPivot to model it in Excel. You'll also learn to: Make use of databases to store large amounts of data Use custom functions to extend and enhance Power Query Add the functionality of formulas to PowerPivot and publish data to SharePoint If you're expected to wrangle, interpret, and report on large amounts of data, Excel PowerPivot & Power Query For Dummies gives you the tools you need to get up to speed quickly.

**Microsoft Excel 2010 Data Analysis and Business Modeling** - Wayne Winston  
2011-01-07

Master the business modeling and analysis techniques that help you transform data into bottom-line results. For more than a decade, Wayne Winston has been teaching corporate clients and MBA students the most effective ways to use Excel to solve business problems and make better decisions. Now this award-winning educator shares the best of his expertise in this hands-on, scenario-focused guide—fully updated for Excel 2010! Use Excel to solve real business problems—and sharpen your edge! Model investment risks and returns Analyze your sales team's effectiveness Create best, worst, and most-likely case scenarios Compare lease vs. buy, and calculate loan terms See how price, advertising, and seasonality affect sales Manage inventory with precision Quantify the value of customer loyalty Calculate your break-even number and ROI Maximize scheduling efficiency Express "home-field advantage" in real numbers Project company growth, predict election results, and more! Plus—introduce yourself to PowerPivot for Excel Your companion web content includes: Downloadable eBook Hundreds of scenario-based practice problems All the book's sample

files—plus customizable templates  
Power Pivot and Power Bi: The Excel User's Guide to Dax, Power Query, Power Bi & Power Pivot in Excel 2010-2016 - Avichal Singh 2021-12

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 Data Analytics For Dummies - Jared Decker 2020-09-29

Master Microsoft Data Analytics tools with the book series trusted by millions across the world Microsoft leads the software industry in analytics with some of the most comprehensive and powerful data analytics tools currently available. The demand for people who can use and understand these tools remains sky-high and increases every day. In Microsoft Data Analytics For Dummies, the authors have created a straightforward and easy to understand introduction to readers who want to leverage Microsoft products for data analysis. Written by experienced data infrastructure architects, Microsoft Data Analytics For Dummies seeks to flatten and shorten the learning curve typically associated with data analytics. The book includes information about Microsoft data tools, including: · Microsoft Excel, the industry-leading spreadsheet tool · Power Pivot · Power Query · Power BI This book is perfect for non-developers who have a need to use data to support their

business decisions without looping in technical personnel. With the newfound ability to rely on data to make better decisions, business executives, managers, and employees will experience previously unreached levels of productivity, effectiveness, and efficiency.

**Exam Ref 70-779 Analyzing and Visualizing Data with Microsoft Excel** - Chris Sorensen 2018-06-07

Prepare for Microsoft Exam 70-779—and help demonstrate your real-world mastery of Microsoft Excel data analysis and visualization. Designed for BI professionals, data analysts, and others who analyze business data with Excel, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: Consume and transform data by using Microsoft Excel Model data, from building and optimizing data models through creating performance KPIs, actual and target calculations, and hierarchies Visualize data, including creating and managing PivotTables and PivotCharts, and interacting with PowerBI This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have a strong understanding of how to use Microsoft Excel to perform data analysis

**Business Intelligence in Microsoft SharePoint 2013** - Norm Warren 2013-05-15 Dive into the business intelligence features in SharePoint 2013—and use the right combination of tools to deliver compelling solutions. Take control of business intelligence (BI) with the tools offered by SharePoint 2013 and Microsoft SQL Server 2012. Led by a group of BI and SharePoint experts, you'll get step-by-step instructions for understanding how to use these technologies best in specific BI scenarios—whether you're a SharePoint administrator, SQL Server developer, or business analyst. Discover how to: Manage the entire BI lifecycle, from determining key performance indicators to building dashboards Use web-based Microsoft Excel services and publish workbooks on a SharePoint Server Mash up data from multiple sources and create Data Analysis Expressions (DAX) using PowerPivot Create data-driven diagrams that provide

interactive processes and context with Microsoft Visio Services Use dashboards, scorecards, reports, and key performance indicators to monitor and analyze your business Use SharePoint to view BI reports side by side, no matter which tools were used to produce them *Professional Microsoft PowerPivot for Excel and SharePoint* - Sivakumar Harinath 2010-05-25 The next wave of business intelligence, Self-Service BI, seeks to meet the demands of powerful hardware and shorter decision time

frames. This book introduces PowerPivot for Excel and SharePoint, showing you how to use this innovative software for self-service analytics and reporting. Authored by key members of the Microsoft team that built the product, this book will guide you through the use of in-memory BI server technology, data analytics eXpressions, and report gallery. The book also discusses how to deploy and manage sandbox servers, and a companion website provides sample reports and applications.