Power Query For Power Bi Excel Jansbooksz

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. This book is for those who are interested in learning the simple and effective strategies to master functions of Power BI and Power Query. It covers the main features of Power BI, such as Power BI Desktop, Power BI Online, and Power BI Mobile. This book will help you understand the datasets, reports, and real-time dashboards used in Power BI. It has been created from scratch, and no prior experience related to Power BI is required. The book itself will cover all the details in a step by step manner.You will learn how to manage the data sources in Power BI, Q&A for Natural Language Query, Power BI Architecture, Publishing & Scheduling Reports, etc. The book has individual chapters for Power BI Desktop functionalities, Power BI real-time dashboard, Report Generation & Mail, Dynamic low-level security, Toggle buttons, Tooltip features, and more. This book will help you learn the navigation pane, dashboard tiles, designer files, sorting data, scheduling automatic refreshes, and report generation using visualization. You will get to learn exciting details on how to integrate Power BI with

SharePoint and Dynamics 365 with a detailed description. After learning the above, you will be able to create a Power BI report and publish them on SharePoint easily.A chapter on Power Query is specifically designed to cover the ETL Process and how you can use it to extract, transform, and effectively load data. It also covers filters and slicers used in Power BI reports. You will be able to implement all the functions in a practical manner.As soon as you finish reading this book, you will be a master of Power BI and Power Query functions because this book also covers the Cognos Self-Service BI. So, what are you waiting for! Click on the Buy button now. Any data analytics solution requires data population and preparation. With the rise of data analytics solutions these 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 a 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 come from the hard work in the kitchen. The part that you don't see or the backend in the world of Power BI is Power Query. You may already be familiar with other data preparation and 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. Power Query exists in many Microsoft tools and services such as Power BI, Excel, Dataflows, Power Automate, Azure Data Factory, etc. Through the years, this engine became more powerful. These days, we can say this is essential learning for anyone who wants to do data analysis with Microsoft technology to learn Power Query and master it. 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 series. 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 Power BI and a book on Power BI DAX Simplified. This book is covering the data preparation and transformations aspects of it. This book series 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 (already available to be purchased separately) Mastering Power Query in Power BI and Excel (This book) Power Query dataflows (will be published later) This book deeps dive into real-world challenges of data transformation. It starts with combining data sources and continues with aggregations and fuzzy operations. The book covers advanced usage of Power Query in scenarios such as error handling and exception reports, custom functions and parameters, advanced analytics, and some helpful table and list functions. The book continues with some performance tuning tips and it also explains the Power Query formula language (M) and the structure of it and how to use it in practical solutions. Although this book is written for Power BI and all the examples are presented using the Power BI. However, the examples can be easily applied to Excel, Dataflows, and other tools and services using Power Query.
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 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 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.

Expert techniques for effective data analytics and business intelligence

Simple and Effective Strategies to Learn the Functions of Power BI and Power Query

The Definitive Guide to DAX

Learning real-world Power Query and M Techniques for a better data analysis

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

Getting started with Power Query in Power BI and Excel

Excel Power Pivot & Power Query For Dummies

An accessible fast paced introduction to all aspects of Power BI for new or aspiring BI professionals, data analysts, visualizers Key FeaturesUpdated with the latest features in Power BI including Dataflow, AI insights, visuals and row securityGet faster and more intuitive data insights using Microsoft Power BI and its business intelligence capabilitie accurate analytical models, reports, and dashboardsBook Description This revised edition has been fully updated to r latest enhancements to Power BI. It includes a new chapter dedicated to dataflow, and covers all the essential conc installation, designing effective data models, as well as building basic dashboards and visualizations to help you and organization make better business decisions. You'll learn how to obtain data from a variety of sources and clean it u Query Editor. You'll then find out how you can design your data model to navigate and explore relationships within it DAX formulas to make your data easier to work with. Visualizing your data is a key element in this book, and you'll g rapidly with data visualization styles and enhanced digital storytelling techniques. In addition, you will acquire the sk your own dataflows, understand the Common Data Model, and automate data flow refreshes to eradicate data clea inefficiency. This guide will help you understand how to administer your organization's Power BI environment so that deployment can be made seamless, data refreshes can run properly, and security can be fully implemented. By the e Power BI book, you'll have a better understanding of how to get the most out of Power BI to perform effective bus intelligence. What you will learnConnect to data sources using import and DirectQuery optionsUse Query Editor for transformation and data cleansing processes, including writing M and R scripts and dataflows to do the same in the optimized data models by designing relationships and DAX calculationsDesign effective reports with built-in and cust visualsAdopt Power BI Desktop and Service to implement row-level securityAdminister a Power BI cloud tenant for y organizationUse built-in AI capabilities to enhance Power BI data transformation techniquesDeploy your Power BI des

into the Power BI Report ServerWho this book is for Aspiring business intelligence professionals who want to learn P
find this book useful. If you have a basic understanding of BI concepts and want to learn how to apply them using M
Power BI, this book is for you.

Perform more advanced analysis and manipulation of your data beyond what Power BI can do to unlock valuable insig
Python and R Key FeaturesGet the most out of Python and R with Power BI by implementing non-trivial codeLeverage
of Python and R chunks to inject scripts into your Power BI dashboardsImplement new techniques for ingesting, enri
visualizing data with Python and R in Power BIBook Description Python and R allow you to extend Power BI capabilitie
simplify ingestion and transformation activities, enhance dashboards, and highlight insights. With this book, you'll be a
make your artifacts far more interesting and rich in insights using analytical languages. You'll start by learning how to
your Power BI environment to use your Python and R scripts. The book then explores data ingestion and data transfo
extensions, and advances to focus on data augmentation and data visualization. You'll understand how to import data
external sources and transform them using complex algorithms. The book helps you implement personal data de-ident
methods such as pseudonymization, anonymization, and masking in Power BI. You'll be able to call external APIs to enr
data much more quickly using Python programming and R programming. Later, you'll learn advanced Python and R tec
to perform in-depth analysis and extract valuable information using statistics and machine learning. You'll also unders
main statistical features of datasets by plotting multiple visual graphs in the process of creating a machine learning
end of this book, you'll be able to enrich your Power BI data models and visualizations using complex algorithms in Py
R. What you will learnDiscover best practices for using Python and R in Power BI productsUse Python and R to perfo
data manipulations in Power BIApply data anonymization and data pseudonymization in Power BILog data and load larg
datasets in Power BI using Python and REnrich your Power BI dashboards using external APIs and machine learning
modelsExtract insights from your data using linear optimization and other algorithmsHandle outliers and missing value
multivariate and time-series dataCreate any visualization, as complex as you want, using R scriptsWho this book is fo
is for business analysts, business intelligence professionals, and data scientists who already use Microsoft Power BI
add more value to their analysis using Python and R. Working knowledge of Power BI is required to make the most of
Basic knowledge of Python and R will also be helpful.

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 y
analysis & reporting easier and will save time in the process. With this book you get the following: ? 101 Best Excel T
To Advance Your Excel Skills & Save You Hours ? New Excel Tips & Tricks for Microsoft Office 365 ? Easy to Read Ste

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 Microsoft Excel FAST & stand out from the crowd!

Microsoft PowerPivot is a free add-on to Excel from Microsoft that allows users to produce new kinds of reports an were simply impossible before, and this book is the first to tackle DAX formulas, the core capability of PowerPivot, fr perspective of the Excel audience. Written by the world's foremost PowerPivot blogger and practitioner, the book's c approach are introduced in a simple, step-by-step manner tailored to the learning style of Excel users everywhere. Th presented allow users to produce, in hours or even minutes, results that formerly would have taken entire teams we to produce. It includes lessons on the difference between calculated columns and measures; how formulas can be reu reports of completely different shapes; how to merge disjointed sets of data into unified reports; how to make certa pivot behave as if the pivot were filtered while other columns do not; and how to create time-intelligent calculations such as "Year over Year" and "Moving Averages" whether they use a standard, fiscal, or a complete custom calendar. "pattern-like" techniques and best practices contained in this book have been developed and refined over two years c training with Excel users around the world, and the key lessons from those seminars costing thousands of dollars pe available to within the pages of this easy-to-follow guide. This updated second edition covers new features introduce 2015.

Beginning Power BI with Excel 2013
Master Your Data with Power Query in Excel and Power BI
Expert Data Modeling with Power BI
Super Charge Power BI
Microsoft Power BI Quick Start Guide
Bring your data to life through data modeling, visualization, digital storytelling, and more
MyExcelOnline.com

Welcome another lesson in the Mastering Excel series. This lesson is a slight departure from previous lessons. This le looking into the future and delving into what Excel is becoming: a powerhouse for data analysis. Power Query is the in analyzing data, before you do any substantial analysis, you need to get the data into Excel. Not only get data into probably clean it up. Parse columns, join columns, remove errors, you know, that kind of stuff. Of course, you can add column with formulas to do this. That will work for 100 or 1,000 rows of data. What about 250,000, 700,000 or ev rows? Excel really slows down with that many calculations. Power Query solves this. It shapes the data before it get

Excel. You will learn how to use Power query to split columns, parse data, check for errors, get data from multiple fil folder, and more. Power Query remembers all the steps you took. To get new data, you simply have to click the 'Refre button. ***OK, THIS IS IMPORTANT*** Power Query is a new feature in Excel. It is standard in Excel 2016 and it can b installed in some previous versions of Excel, but not all. Before buying this lesson, please go to this Microsoft websit out the requirements and try to install Power Query. https: //www.microsoft.com/en-us/download/details.aspx?id=3 you cannot install Power Query because you do not have the correct version of Excel, you will not be able to follow this lesson.

Power Query is one component of the Power BI (Business Intelligence) product from Microsoft, and "M" is the name programming language created by it. As more business intelligence pros begin using Power Pivot, they find that they have the Excel skills to clean the data in Excel; Power Query solves this problem. This book shows how to use the Po Query tool to get difficult data sets into both Excel and Power Pivot, and is solely devoted to Power Query dashboar reporting.

Excel is the number-one spreadsheet application, with ever-expanding capabilities. If you're only using it to balance th books, you're missing out on a host of functions that can benefit your business or personal finances by uncovering tr other important information hidden within the numbers.

Power BI is the most powerful analysis tool on the market. With it, you can make quick analyses and reports, from th simplest to the most complex. By mastering Power BI, you can become an expert in the industry by creating interact dashboards automatically, without having to do repetitive and manual work in Excel.Thanks to Power BI, Excel can als analyze and prepare large amounts of data. With this book, you get everything you need for everyday work: comprehe and understandable explanations based on clear, practical scenarios. I will show you how to handle raw data from dif data sources and how to clean, link, analyze and visualize them. You will find out how you can efficiently combine Fun with Power Query, Power Pivot, Power BI Desktop, and how to use business intelligence profitably for your company! aimed at any professional who needs to report and perform data analysis efficiently. You do not need to have an ana position in your work portfolio. Even if you already have experience with Power BI, you are sure to get important reso out of this book.As I mentioned above, in this book, you will learn the data analysis process using Power BI Functions Tools, from how to install and how to schedule automatic updating of your reports to perform analytics.As with ever skill, learning Power BI requires some effort. I have structured the book in such a way that you can master and apply everything in the book in a systemic way.Once complete, you'll be able to use this knowledge in your company and re results of high-quality reports, thus ensuring recognition and safety in your field.

Mastering Power Query in Power BI and Excel

Excel Data Analysis For Dummies

Getting, transforming, and preparing the data. The first step towards data analysis

M Is for (Data) Monkey

The Excel Pro's Guide to Mastering DAX

Dax Formulas for Powerpivot

Power Pivot, Power Query, Power View y Power Map

An easy-to-follow guide full of hands on examples of real-world Analysis Services cube development tasks. Each topic is explain 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.

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/.

Learn how to use Power BI to deliver the insights needed to help your enterprise survive and thrive Key FeaturesLearn simple through to advanced Power BI features in a clear, concise way using real-world examplesDevelop powerful analytical models and reports that extract key business insightsPublish, share and collaborate on impressive reports, dashboards, apps, and goalsBook Description To succeed in today's transforming business world, organizations need business intelligence capabilities to make smarter decisions faster than ever before. This updated second edition of Learn Power BI takes you on a journey of data exploration and discovery, using Microsoft Power BI to ingest, cleanse, and organize data in order to unlock key business insight that can then be shared with others. This newly revised and expanded edition of Learn Power BI covers all of the latest feature and interface changes and takes you through the fundamentals of business intelligence projects, how to deploy, adopt, and go Power BI within your organization, and how to leverage your knowledge in the marketplace and broader ecosystem that is Pow BI. As you progress, you will learn how to ingest, cleanse, and transform your data into stunning visualizations, reports, and dashboards that speak to business decision-makers. By the end of this Power BI book, you will be fully prepared to be the dat analysis hero of your organization – or even start a new career as a business intelligence professional. What you will learnGet and running quickly with Power BIUnderstand and plan your business intelligence projectsConnect to and transform data using

Power QueryCreate data models optimized for analysis and reportingPerform simple and complex DAX calculations to enhance analysisDiscover business insights and create professional reportsCollaborate via Power BI dashboards, apps, goals, and scorecardsDeploy and govern Power BI, including using deployment pipelinesWho this book is for If you're an IT manager, data analyst, or BI user new to using Power BI for solving business intelligence problems, this book is for you. You'll also find this b helpful if you want to migrate from other BI tools to create powerful and interactive dashboards. No experience of working w Power BI is expected.

Any data analytics solution requires data population and preparation. With the rise of data analytics solutions these years, the need for this data preparation becomes even more essential. Power BI is a helpful data analytics tool that is used worldwide b 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 ta 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 Pow is Power Query. You may be already familiar with some other data preparation and data transformation technologies, such as 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 t things they could have implemented easier, faster, and in a much more maintainable way using Power Query. In other words, t learn mastering Power Query is the key skill toward mastering Power BI. We have been working with Power Query since the v early release of that in 2013, named Data Explorer, and wrote blog articles and published videos about it. The number of articl we published under this subject easily exceeds hundreds. Through those articles, some of the fundamentals and key learnings Power Query are explained. We thought it is good to compile some of them in a book. A good analytics solution combines a go data model, good data preparation, and good analytics and calculations. Reza has written another book about the Basics of modeling in 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 a transformations are an essential part of analytics. You do need to have the cleaned and prepared data ready before visualizing This book is complied into a series of two books, which will be followed by a third book later; Getting started with Power Que 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, the examples can be easily applied to Excel, Dataflows, and other tools and services using Power Query.

DAX Formulas for PowerPivot
Power Query
Expert Cube Development with SSAS Multidimensional Models
Power Pivot and Power BI
Power Query Cookbook
Power BI
Introducing Microsoft Power BI

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

Power Query for Power BI and Excel is a book for people who are tired of copying and pasting data into Excel worksheets. Power Query, part of the Microsoft Power BI suite, is a tool that automates the process of getting data into Excel and will save you hours of dull, repetitive, and error-prone work! Power Query makes it easy to extract data from many different data sources, filter that data, aggregate it, clean it and perform calculations on it, finally loading that data into either your worksheet or directly into the new Excel 2013 Data Model used by Power Pivot. This concise, practical book provides a complete guide to Power Query and how to use it to solve all of your Excel data-loading problems. Power Query for Power BI and Excel goes well beyond the surface of what Power Query can do. The book goes deep into the underlying M language, showing you how to do amazing things that aren't going to be possible from just the GUI interface that is covered in most other books. You'll have full command of the GUI, and you'll be able to drop into the M language to go beyond what the GUI provides. The depth in this book makes it a must-have item for anyone who is pushing Power BI and Excel to their limits in the pursuit of business intelligence from data analysis. Teaches the basics of using Power Query to load data into Excel Helps you solve common, data-related problems with Power Query

Shows how to write your own solutions in the powerful M language

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

Manage and work with business data effectively by learning data modeling techniques and leveraging the latest features of Power BI Key Features Understand data modeling techniques to get the best out of data using Power BI Define the relationships between data to extract valuable insights Solve a wide variety of business challenges by building optimal data models Book Description Microsoft Power BI is one of the most popular business intelligence tools available on the market for desktop and the cloud. This book will be your guide to understanding the ins and outs of data modeling and how to create data models using Power BI confidently. You'll learn how to connect data from multiple sources, understand data, define and manage relationships between data, and shape data models. In this book, you'll explore how to use data modeling and navigation techniques to define relationships and create a data model before defining new metrics and performing custom calculations using modeling features. As you advance through the chapters, the book will demonstrate how to create full-fledged data models, enabling you to create efficient data models and simpler DAX code with new data modeling features. With the help of examples, you'll discover how you can solve business challenges by building optimal data models and changing your existing data models to meet evolving business requirements. Finally, you'll learn how to use some new and advanced modeling features to enhance your data models to carry out a wide variety of complex tasks. By the end of this Power BI book, you'll have gained the skills you need to structure data coming from multiple sources in different ways to create optimized data models that support reporting and data analytics. What you will learn Implement virtual tables and time intelligence functionalities in DAX to build a powerful model Identify Dimension and Fact tables and implement them in Power Query Editor Deal with advanced data preparation scenarios while building Star Schema Explore best practices for data preparation and data modeling Discover different hierarchies and their common pitfalls Understand complex data models and how to

decrease the level of model complexity with different data modeling approaches Who this book is for This MS Power BI book is for BI users, data analysts, and analysis developers who want to become well-versed with data modeling techniques to make the most of Power BI. Basic knowledge of Power BI and Star Schema will help you to understand the concepts covered in this book.

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

Business intelligence con Excel y Power BI

3 in 1- Beginner's Guide+ Tips and Tricks+ Simple and Effective Strategies to Learn Power Bi and Power Query

Power Query, Parameters, Templates & Custom Functions: Power Bi Mastery Through Hands-On Tutorials

A Practical Guide to Self-Service Data Analytics

A Comprehensive Guide of Tips and Tricks to Learn the Functions of Power BI

Microsoft Power Bi Cookbook

As of 2019, Microsoft's Power BI is the leading analytics and business intelligence platform available on mobile applications, clouds, on-premise data gateway, data modeling applications, report authorizing applications, and other utilities. This book offers a comprehensive analysis of the powerful tools and features contained in Power BI's arsenal. It includes the stepwise directions on how to start a Power BI project and how to share the project with a large number of users. As a reader, the book will get you familiarized with the basic concepts of Power BI and how its datasets, dashboards, and reports can be used to give insights and interactive experiences. This book will help you become conversant with management techniques and administration topics available on Power BI. With the knowledge acquired in the book, you will be able to utilize Power BI's powerful features and carry out successful Power BI projects for your organization. Some of the topics covered in the book include: Introduction to Power BIDashboard Sharing on Power BILoading of Data from different data sources into Power BIData transformationData modeling.Combined together the tutorial topics listed above make a practical and potent beginners guide. The flow of the book is designed for the readers to follow and apply the instructions given as they are reading along. The approach is meant to encourage the reader not only to visualize but also actualize the step-by-step form of instructions given in the book.Thanks to Power BI, Excel can also analyze and prepare large amounts of data. With this book, you get everything you need for everyday work: comprehensive and understandable explanations based on clear, practical scenarios. I will show you how to handle raw data from different data sources and how to clean, link, analyze and visualize them. You will find out how you can efficiently combine Functions with Power Query, Power Pivot, Power BI Desktop, and how to use business intelligence profitably for your company!It is aimed at any professional who needs to report and perform data analysis efficiently. You do not need to have an analyst position in your work portfolio. Even if you already have experience

with Power BI, you are sure to get important resources out of this book.As I mentioned above, in this book, you will learn the data analysis process using Power BI Functions and Tools, from how to install and how to schedule automatic updating of your reports to perform analytics.As with every new skill, learning Power BI requires some effort. I have structured the book in such a way that you can master and apply everything in the book in a systemic way.Once complete, you'll be able to use this knowledge in your company and reap the results of high-quality reports, thus ensuring recognition and safety in your field.You will learn how to manage the data sources in Power BI, Q&A for Natural Language Query, Power BI Architecture, Publishing & Scheduling Reports, etc. The book has individual chapters for Power BI Desktop functionalities, Power BI real-time dashboard, Report Generation & Mail, Dynamic low-level security, Toggle buttons, Tooltip features, and more. This book will help you learn the navigation pane, dashboard tiles, designer files, sorting data, scheduling automatic refreshes, and report generation using visualization. You will get to learn exciting details on how to integrate Power BI with SharePoint and Dynamics 365 with a detailed description. After learning the above, you will be able to create a Power BI report and publish them on SharePoint easily.A chapter on Power Query is specifically designed to cover the ETL Process and how you can use it to extract, transform, and effectively load data. It also covers filters and slicers used in Power BI reports. You will be able to implement all the functions in a practical manner.

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.

Power Query is the amazing new data cleansing tool in both Excel and Power BI Desktop. Do you find yourself performing the same data cleansing steps day after day? Power Query will make it faster to clean your data the first time. While Power Query is powerful, the interface is subtle—there are tools hiding in plain sight that are easy to miss. Go beyond the obvious and take Power Query to new levels with this book.

Bring your data to life with Power BI Key Features Get to grips with the fundamentals of Microsoft Power BI and its Business Intelligence capabilities Build accurate analytical models, reports and dashboards Get faster and more intuitive insights from your data using Microsoft Power BI Book Description Microsoft Power BI is a cloud-based service that helps you easily visualize and share insights using your organization's data.This book will get you started with business intelligence using the Power BI toolset, covering essential concepts such as installation,designing effective data models, as well as building basic dashboards and visualizations to make your data come to life You will learn how to get your data the way you want – connecting to data sources sources and how to clean your data with the Power BI Query Editor. You will next learn how to properly design your data model to make your data easier to work with.. You will next learn how to properly design your data model to navigate table relationships and build DAX formulas to make your data easier to work with. Visualizing your data is another key element of this book, and you will learn how to follow proper data visualization styles and enhanced digital storytelling techniques. By the end of this book, you will understand how to administer your organization's Power BI environment so deployment can be made seamless, data refreshes can run properly, and security can be fully implemented What you will learn Connect to data sources using both import and DirectQuery options Use the Query Editor to apply data transformations and data cleansing processes, including learning how to write M and R scripts Design optimized data models by designing relationships and DAX calculations Leverage built-in and custom visuals to design effective reports Use the Power BI Desktop and Power BI Service to implement Row Level Security on your model Administer a Power BI cloud tenant for your organization Deploy your Power BI Desktop files into the Power BI Report Server Who this book is for This book is for aspiring Business Intelligence professionals who want to get up and running with Microsoft Power BI. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, this book is for you.

Analyzing Data with Power BI and Power Pivot for Excel

Build dashboards and visualizations to make your data come to life

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

Use effective and powerful queries in Power BI Desktop and Dataflows to prepare and transform your data

A comprehensive, step-by-step guide for beginners to learn real-world business intelligence

Power Bi Step-By-Step Part 3

Beginning Power BI

Self-Service Business Intelligence Power BI enables business users to interact with corporate information and to extract the reports and intel they need. Power BI allows users to access reports and dashboards using familiar tools and devices. Self-service BI has never been so user-friendly! The Microsoft Power BI Step-by-Step series will show you how

to create compelling visualizations and reports which provide deep insights into your data. G Com Solutions Limited G Com Solutions Limited provide Power BI training in Peterborough, London and throughout the UK. Details of their Power BI courses can be found at the following URL: https: //gcomsolutions.co.uk/microsoft-power-bi-training-courses/ In this third book in the series, we focus on data cleansing and transformation. The techniques covered in this book apply both to using the Query Editor in Power BI Desktop and using Power Query to create dataflows in the Power BI service. After having plenty of hands-on practice on cleaning and transforming data, you will learn how to leverage templates, parameters and custom functions to create reusable Power BI reporting solutions. Introduction Chapter 1: Power BI Dataflows vs Power BI Desktop Data Preparation Using a Dataflow as a Data Source Conclusion Chapter 2: Trim, Clean and Case Isolating the Problem Using the Trim Function Using the Clean Function Using the Replace Values Command Using the Capitalize Each Word Command Conclusion Chapter 3: House Keeping and Meta Data Renaming Items Renaming Columns Renaming Query Steps Adding Descriptions to your Steps Conclusion Chapter 4: The Split Columns Command Tidying up the Data Using Split by Number of Characters Creating Relationships Creating a Treemap Visual Creating a Filled Map Visual Conclusion Chapter 5: Removing Unwanted Rows Removing Header Rows Removing an Excel Table Total Row Conclusion Chapter 6: Replace Value and Fill Down The Replace Values Command Remove Errors and Replace Errors The Fill Down Command Conclusion Chapter 7: The Unpivot Columns Command What is Pivoted Data? Importing the Data Using UnPivot Other Columns Creating a Bar Chart Visual Conclusion Chapter 8: Reordering Columns Benefits of Changing Column Order Moving Columns by Dragging Moving Columns Relative to Other Columns Conclusion Chapter 9: Creating Custom Columns Using Split by Delimiter Using the Add Custom Columns Command Conclusion Chapter 10: Append Queries Importing the Data Removing the differences between columns Using Append Queries as New Conclusion Chapter 11: Merge Queries Using Merge Queries as New Specifying the Join Kind Conclusion Chapter 12: Grouping Data Benefits of Grouping Data Adding Groupings Adding Aggregations Conclusion Chapter 13: Power Query Parameters and Templates Benefits of parameters and templates Overview of Our Example Creating Dynamic Titles Creating parameters Name and Description Optional or Required Parameter Type Suggested Values Default Value vs Current Value Creating Parameters on the Fly Updating a Data Source via a Parameter Parameterizing Filter Operations Creating a Template Using a Template Conclusion Chapter 14. Power Query Custom Functions Converting a Query to a Function Connecting to our Example file Creating a parameter Invoking a Function Using the Invoke Custom Function Command Understanding Function Syntax Creating a Date of Birth function Conclusion

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 Power Query for Power BI and Excel is a book for people who are tired of copying and pasting data into Excel worksheets. Power Query, part of the Microsoft Power BI suite, is a tool that automates the process of getting data into Excel and will save you hours of dull, repetitive, and error-prone work! Power Query makes it easy to extract data from many different data sources, filter that data, aggregate it, clean it and perform calculations on it, finally loading that data into either your worksheet or directly into the new Excel 2013 Data Model used by Power Pivot. This concise, practical book provides a complete guide to Power Query and how to use it to solve all of your Excel data-loading problems. Power Query for Power BI and Excel goes well beyond the surface of what Power Query can do. The book goes deep into the underlying M language, showing you how to do amazing things that aren't going to be possible from just the GUI interface that is covered in most other books. You'll have full command of the GUI, and you'll be able to drop into the M language to go beyond what the GUI provides. The depth in this book makes it a must-have item for anyone who is pushing Power BI and Excel to their limits in the pursuit of business intelligence from data analysis. Teaches the basics of using Power Query to load data into Excel Helps you solve common, data-related problems with Power Query Shows how to write your own solutions in the powerful M language What you'll learn Import data from sources including relational databases, text files, web pages, and Excel workbooks. Import from more exotic sources such as Facebook, Windows Azure Marketplace, Wikipedia, and OData feeds within and outside your organization. Build repeatable

processes to filter, clean, aggregate, and transform your data. Load your data into an Excel table or directly into the Excel 2013 Data Model. Write complex expressions in Power Query's M expression language. Share queries and their data with other users in your organization. Position your data for further analysis using Power View, Power Map, Power Pivot, and the rest of Microsoft's Power BI suite. Who this book is for Power Query for Power BI and Excel is aimed at serious Excel and Power BI users who need to import data into a worksheet. Whether you are an analyst, report writer, business intelligence consultant, or just "that guy" whose job it is to prepare the monthly sales dashboard, you'll learn how Power Query can make your life easier. Power Query for Power BI and Excel is especially important for Excel and BI power users who want to work directly in the M language that underlies all of Power Query's functionality. Table of Contents Power Query and When to Use It Data Sources Transformations Tables and the Excel Data Model Expressions in the M Language Multiple Data Sources Power BI and Sharing Common Problems Solved

Offers information on the patterns and techniques of the formula language DAX.

A Practical Guide to Self-Service Data Analytics with Excel 2016 and Power BI Desktop

Supercharge Power BI

Learn Power BI

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

A Guide to the M Language in Excel Power Query

Ingest, transform, enrich, and visualize data using the power of analytical languages

Mastering Microsoft Power BI

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.

Analyze company data quickly and easily using Microsoft's powerful data tools. Learn to build scalable and robust data models, clean and combine different data sources effectively, and create compelling and professional visuals. Beginning Power BI is a hands-on, activity-based guide that takes you through the process of analyzing your data using the tools that that encompass the core of Microsoft's self-service BI offering. Starting with Power Query, you will learn how to get data from a variety of sources, and see just how easy it is to clean and shape the data prior to importing it into a data model. Using Power BI tabular and the Data Analysis Expressions (DAX), you will learn to create robust scalable data models which will serve as the foundation of your data analysis. From there you will enter the world of compelling interactive visualizations to analyze and gain insight into your data. You will wrap up your

Power BI journey by learning how to package and share your reports and dashboards 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 third edition covers the new and evolving features in the Power BI platform and new chapters on data flows and composite models. This book is your hands-on guide to quick, reliable, and valuable data insight. What You Will Learn Simplify data discovery, association, and cleansingBuild 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

Data analysis expressions (DAX) is the formula language of Power BI. Learning the DAX language is key to empower Power BI users so they can take advantage of these new Business Intelligence (BI) capabilities. This volume clearly explains the concepts of DAX while at the same time offering hands-on practice to engage the reader and help new knowledge stick. This third edition has been updated for the new Power BI Ribbon interface while still providing a bridge for readers wanting to learn DAX in the Power BI, Power Pivot, or Excel.

Did you know that there is a technology inside Excel, and Power BI, that allows you to create magic in your data, avoid repetitive manual work, and save you time and money? Using Excel and Power BI, you can: Save time by eliminating the pain of copying and pasting data into workbooks and then manually cleaning that data. Gain productivity by properly preparing data yourself, rather than relying on others to do it. Gain effiiciency by reducing the time it takes to prepare data for analysis, and make informed decisions more quickly. With the data connectivity and transformative technology found in Excel and Power BI, users with basic Excel skills import data and then easily reshape and cleanse that data, using simple intuitive user interfaces. Known as "Get & Transform" in Excel 2016, as the "Power Query" separate add-in in Excel 2013 and 2010, and included in Power BI, you'll use this technology to tackle common data challenges, resolving them with simple mouse clicks and lightweight formula editing. With your new data transformation skills acquired through this book, you will be able to create an automated transformation of virtually any type of data set to mine its hidden insights.

101 Best Excel Tips & Tricks
Leveraging Power Query to Get & Transform Your Task Flow
The Excel Pro's Guide to Mastering Dax
Power Query for Power BI and Excel
Mastering Excel
Power BI is Better When You Learn To Write DAX
Beginning Microsoft Power BI

Get more out of Microsoft Power BI turning your data into actionable insightsAbout This Book* From connecting to your data sources to developing and deploying immersive, mobile-ready dashboards and visualizations, this book covers it all* Over 90 hands-on, technical recipes, tips, and use cases from across the Power BI platform including the Power BI Service and Mobile Applications* Proven development techniques and guidance for implementing custom solutions with DAX and M languagesWho This Book Is ForThis book is for BI professionals who wish to enhance their knowledge of Power BI beyond and to enhance the value of the Power BI solutions they deliver to business users. Those who are looking at quick solutions to common problems while using Power BI will also find this book to be a very useful resource .Some experience with Power BI will be useful.What You Will Learn* Cleanse, stage, and integrate your data sources with Power BI* Abstract data complexities and provide users with intuitive, self-service BI capabilities* Build business logic and analysis into your solutions via the DAX

programming language and dynamic, dashboard-ready calculations* Take advantage of the analytics and predictive capabilities of Power BI* Make your solutions more dynamic and user specific and/or defined including use cases of parameters, functions, and row level security* Understand the differences and implications of DirectQuery, Live Connections, and Import-Mode Power BI datasets and how to deploy content to the Power BI Service and schedule refreshes* Integrate other Microsoft data tools such as Excel and SQL Server Reporting Services into your Power BI solutionIn DetailMicrosoft Power BI is a business intelligence and analytics platform consisting of applications and services designed to provide coherent, visual and interactive insights of data.This book will provide thorough, technical examples of using all primary Power BI tools and features as well as demonstrate high impact end-to-end solutions that leverage and integrate these technologies and services. Get familiar with Power BI development tools and services, go deep into the data connectivity and transformation, modeling, visualization and analytical capabilities of Power BI, and see Power BI's functional programming languages of DAX and M come alive to deliver powerful solutions to address common, challenging scenarios in business intelligence.This book will excite and empower you to get more out of Power BI via detailed recipes, advanced design and development tips, and guidance on enhancing existing Power BI projects.Style and approachThis book consists of practical recipes on Power BI that target novices as well as intermediate Power BI users. It goes deep into the technical issues, covers additional protocols, and many more real-live examples.

Design, create and manage robust Power BI solutions to gain meaningful business insights Key Features Master all the dashboarding and reporting features of Microsoft Power BI Combine data from multiple sources, create stunning visualizations and publish your reports across multiple platforms A comprehensive guide with real-world use cases and examples demonstrating how you can get the best out of Microsoft Power BI Book Description This book is intended for business intelligence professionals responsible for the design and development of Power BI content as well as managers, architects and administrators who oversee Power BI projects and deployments. The chapters flow from the planning of a Power BI project through the development and distribution of content to the administration of Power BI for an organization. BI developers will learn how to create sustainable and impactful Power BI datasets, reports, and dashboards. This includes connecting to data sources, shaping and enhancing source data, and developing an analytical data model. Additionally, top report and dashboard design practices are described using features such as Bookmarks and the Power KPI visual. BI managers will learn how Power BI's tools work together such as with the On-premises data gateway and how content can be staged and securely distributed via Apps. Additionally, both the Power BI Report Server and Power BI Premium are reviewed. By the end of this book, you will be confident in creating effective charts, tables, reports or dashboards for any kind of data using the tools and techniques in Microsoft PowerBI. What you will learn Build efficient data retrieval and transformation processes with the Power Query M Language Design scalable, user-friendly DirectQuery and Import Data Models Develop visually rich, immersive, and interactive reports and dashboards Maintain version control and stage deployments across development, test, and production environments Manage and monitor the Power BI Service and the On-premises data gateway Develop a fully on-premise solution with the Power BI Report Server Scale up a Power BI solution via Power BI Premium capacity and migration to Azure Analysis Services or SQL Server Analysis Services Who this book is for Business Intelligence professionals and existing Power BI users looking to master Power BI for all their data visualization and dashboarding needs will find this book to be useful. While understanding of the basic BI concepts is required,

some exposure to Microsoft Power BI will be helpful.

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 acquisition2. The DAX Language - used to prepare and model data3. Visualisation and analysis - used to present data in a compelling wayPower 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 (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 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. Leverage your source data from hundreds of different connections, perform millions of different transformations, and easily manage highly complex data lifecycles with Power Query Key FeaturesCollect, combine, and transform data using Power Query's data connectivity and data preparation featuresOvercome the problems faced while accessing data from multiple sources and reshape it to meet your business requirementsExplore how the M language can be used to write your own customized solutionsBook Description Power Query is a data preparation tool that enables data engineers and business users to connect, reshape, enrich, and transform their data to facilitate relevant business insights and analysis. With Power Query's wide range of features, you can perform no-code transformations and complex M code functions at the same time to get the most out of your data. This Power Query book will help you to connect to data sources, achieve intuitive transformations, and get to grips with preparation practices. Starting with a general overview of Power Query and what it can do, the book advances to cover more complex topics such as M code and performance optimization. You'll learn how to extend these capabilities by gradually stepping away from the Power Query GUI and into the M programming language. Additionally, the book also shows you how to use Power Query Online within Power BI Dataflows. By the end of the book, you'll be able to leverage your source data, understand your data better, and enrich it with a full stack of no-code and custom features that you'll learn to design by yourself for your business requirements. What you will learnUnderstand how to use Power Query to connect and explore dataExplore ways to reshape and enrich dataDiscover the potential of Power Query across the Microsoft platformBuild complex and custom transformationsUse M code to write new queries against data sourcesUse the Power Query Online tool within Power BI DataflowsImplement best practices such as reusing dataflows, optimizing expanding table

operations, and field mappingWho this book is for This book is for data analysts, BI developers, data engineers, and anyone looking for a desk reference guide to learn how Power Query can be used with different Microsoft products to handle data of varying complexity. Beginner-level knowledge of Power BI and the M Language will help you to get the best out of this book.

Get the best out of Power BI by building optimized data models for reporting and business needs

Microsoft Power BI For Dummies

Self-Service Business Intelligence Using Power Pivot, Power View, Power Query, and Power Map

Excel Power Pivot and Power Query For Dummies

Extending Power BI with Python and R

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

Power BI Is Better When You Learn to Write DAX

Understanding your company's data has never been easier than with Microsoft's new Power BI package for Excel 2013. Consisting of four powerful tools—Power Pivot, Power View, Power Query and Power Maps—Power BI makes self-service business intelligence a reality for a wide range of users, bridging the traditional gap between Excel users, business analysts and IT experts and making it easier for everyone to work together to build the data models that can give you game-changing insights into your business. Beginning Power BI with Excel 2013 guides you step by step through the process of analyzing and visualizing your data. Daniel R. Clark, an expert in BI training and a regular speaker on these topics, takes you through each tool in turn, using hands-on activities to consolidate what you've learned in each chapter. Starting with Power Pivot, you will create robust scalable data models which will serve as the foundation of your data analysis. Once you have mastered creating suitable data models, you will use them to build compelling interactive visualizations in Power View. It's often necessary to combine data from disparate sources into a data model. Power Query allows you to easily discover, combine, and refine data from a variety of sources, so you can make accurate judgments with all the available information. Geographical awareness is another common requirement of data analysis. Using Power Maps you will create captivating visualizations that map your data in space and time. Beginning Power BI with Excel 2013 is your practical guide to getting maximum insight from your data, and presenting it with impact.