

# Power Query M Function Reference Msdn Microsoft Com

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## JAX BRADY

[Business Intelligence con Microsoft Power BI](#) Springer Science & Business Media  
 Controlling mit Microsoft Excel Das Nachfolgewerk der erfolgreichen Bücher Controlling mit Microsoft Excel 2010 und Excel 2013, beinhaltet das Wissen der ersten Bücher, kombiniert mit den Neuerungen und Verbesserungen. Schritt für Schritt werden Sie an die Auswertung von Daten, der Kosten- und Leistungsrechnung und der Wirtschaftlichkeitsrechnung herangeführt. Fortgeschrittene Anwender werden bei den Themen Power Pivot, Datenabfragen mit Access und Automatisierung mit Makros auf ihre Kosten kommen. Lernen Sie die komfortable Automatisierung des Datenimports mit PowerQuery und seinen zahlreichen Optionsmöglichkeiten kennen. Tipps und Hinweise helfen Fallstricken aus dem Weg zu gehen.

### Mastering Microsoft Power BI Edizioni LSWR

Build effective analytical data models, reports, and dashboards using the advanced features of Power BI. Purchase of the print or Kindle book includes a free eBook in the PDF format. Key Features Update your knowledge with new recipes for query optimization, aggregation tables, Power BI API, and paginated reports Work with recipes across diverse Power BI platforms including the Power BI Service and Mobile Applications Implement custom solutions with M and DAX languages through actionable guidance and proven development techniques Book Description The complete everyday reference guide to Power BI, written by an internationally recognized Power BI expert duo, is back with a new and updated edition. Packed with revised practical recipes, Microsoft Power BI Cookbook, Second Edition, helps you navigate Power BI tools and advanced features. It also demonstrates the use of end-to-end solutions that integrate those features to get the most out of Power BI. With the help of the recipes in this book, you'll gain advanced design and development insight, practical tips, and guidance on enhancing existing Power BI projects. The updated recipes will equip you with everything you need to know to implement evergreen frameworks that will stay relevant as Power BI updates. You'll familiarize yourself with Power BI development tools and services by going deep into the data connectivity, transformation, modeling, visualization, and analytical capabilities of Power BI. By the end of this book, you'll make the most of Power BI's functional programming languages of DAX and M and deliver powerful solutions to common business intelligence challenges. What you will learn Cleanse, stage, and integrate your data sources with Power Query (M) Remove 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 dashboard-ready calculations Implement aggregation tables to accelerate query performance over large data sources Create and integrate paginated reports Understand the differences and implications of DirectQuery, live connections, Import, and Composite model datasets Integrate other Microsoft data tools into your Power BI solution Who this book is for If you're a BI professional who wants to up their knowledge of Power BI and offer more value to their organization, then this book is for you. Those looking for quick solutions to common Power BI problems will also find this book an extremely useful resource. Please be aware that this is not a beginner's guide; you'll need a solid understanding of Power BI and experience working with datasets before you dive in.

### ExcelPowerQuery Packt Publishing Ltd

Gain the knowledge and skills needed to become a certified Microsoft Power BI data analyst and get the most out of Power BI Key Features • Get the skills you need to pass the PL-300 certification exam with confidence • Create and maintain robust reports and dashboards to enable a data-driven enterprise • Test your new BI skills with the help of practice questions Book Description Microsoft Power BI enables organizations to create a data-driven culture with business intelligence for all. This guide to achieving the Microsoft Power BI Data Analyst Associate certification will help you take control of your organization's data and pass the exam with confidence. From getting started with

Power BI to connecting to data sources, including files, databases, cloud services, and SaaS providers, to using Power BI's built-in tools to build data models and produce visualizations, this book will walk you through everything from setup to preparing for the certification exam. Throughout the chapters, you'll get detailed explanations and learn how to analyze your data, prepare it for consumption by business users, and maintain an enterprise environment in a secure and efficient way. By the end of this book, you'll be able to create and maintain robust reports and dashboards, enabling you to manage a data-driven enterprise, and be ready to take the PL-300 exam with confidence. What you will learn • Connect to and prepare data from a variety of sources • Clean, transform, and shape your data for analysis • Create data models that enable insight creation • Analyze data using Microsoft Power BI's capabilities • Create visualizations to make analysis easier • Discover how to deploy and manage Microsoft Power BI assets Who this book is for This book is for data analysts and BI professionals who want to become more competent in Microsoft Power BI. Although the content in this book will help you pass the PL-300 exam, there are plenty of other practical applications beyond exam preparation in the chapters. No prior experience with Power BI is needed.

### Power Excel 2019 with MrExcel Apress

Updated for Excel 2019 and based on the bestselling editions from previous versions, Microsoft Excel 2019 Programming by Example with VBA, XML and ASP is a practical, how-to book on Excel programming, suitable for readers already proficient with the Excel user interface (UI). If you are looking to automate Excel routine tasks, this book will progressively introduce you to programming concepts via numerous illustrated hands-on exercises. More advanced topics are demonstrated via custom projects. From recording and editing a macro and writing VBA code to working with XML documents and using Classic ASP pages to access and display data on the Web, this book takes you on a programming journey that will change the way you work with Excel. The book provides information on performing automatic operations on files, folders, and other Microsoft Office applications. It also covers proper use of event procedures, testing and debugging, and guides you through programming advanced Excel features such as PivotTables, PivotCharts, and the Ribbon interface. Features: Contains 28 chapters loaded with illustrated "Hands-On" exercises and projects that guide you through the VBA programming language. Each example tells you exactly where to enter code, how to test it, and then run it. Takes you from introductory topics—including recording and editing macros, using variables, and constants, writing subroutines/functions, conditional statements, and various methods of coding loops to repeat actions—to intermediate and advanced topics that include working with collections, class modules, arrays, file and database access, custom forms, error handling and debugging. Includes comprehensive coverage of native file handling in VBA, Windows Scripting Host (WSH), and low-level File Access. Demonstrates how to interact with Microsoft Access databases using both ADO and DAO Object Libraries to access and manipulate data. Includes chapters on programming charts, PivotTables, dialog boxes, custom forms, the Ribbon, Backstage View, context/shortcut menu customizations, as well as proper use of event procedures and callbacks. Provides a quick, "Hands-On" introduction to the data analysis and transformation processes using the Power Query feature and the "M" language formulas. Provides a practical coverage of using Web queries, HTML, XML, and VBScript in Classic ASP to retrieve and publish Excel data to the Web. ON THE COMPANION FILES (also available for download from the publisher by emailing proof of purchase to [info@merclearning.com](mailto:info@merclearning.com)) All source code and supplemental files for the "Hands-On" exercises and custom projects All images from the text (including 4-color screenshots)

### Ultimate Excel with Power Query and ChatGPT "O'Reilly Media, Inc."

Transform Your MS Excel Skills with this Ultimate Guide for Professional Success KEY FEATURES ● Comprehensive Coverage of the Microsoft Excel Ecosystem and in-depth exploration of Excel's lookup functions. ● Step-by-step guide covering valuable insights from real-world detailed examples

and case studies. ● Discover innovative Excel solutions by delving into innovative problem-solving strategies. DESCRIPTION The Ultimate Excel with Power Query and ChatGPT is a revolutionary handbook to help you embark on a transformative journey through the intricate world of Excel's lookup functions. The book dives deep into Excel's lookup universe, offering a meticulous exploration of over 100 techniques. Each method is presented with clarity and precision, making even the most complex lookup scenarios comprehensible. From traditional functions to innovative problem-solving approaches, this book equips you with versatile tools to navigate any data challenge efficiently. What sets this book apart is its focus on job roles. You'll discover techniques that directly enhance productivity, streamline data management tasks, and elevate your efficiency in Excel-related responsibilities. With a comprehensive, engaging, and interactive approach, it transforms learning Excel formulas into a journey of building practical data lookup expertise. WHAT WILL YOU LEARN ● Master the entire progression from beginner to advanced levels with effective Excel lookup techniques. ● Challenge the conventional wisdom of VLOOKUP and learn about its alternatives and overcome limitations. ● Delve into a range of other lookup methods and functions to expand your data lookup toolkit. ● Discover the art of nesting functions to tackle even the most intricate Excel challenges. ● Learn how to create and optimize ChatGPT prompts for creative problem-solving in data lookup scenarios. ● Harness the power of Power Query to transform and manipulate data with ease. ● Gain confidence in efficiently handling diverse data scenarios, making data analysis and decision-making a breeze. WHO IS THIS BOOK FOR? The book is tailored to address specific needs within different job roles, making it accessible and beneficial for a wide range of readers. If you are a working professional seeking to improve your Excel data lookup skills, a student in search of an interactive approach to Excel formulas, managers looking to make data-driven decisions or data analysts aiming to refine their skills or simply looking to start your career in data analysis, this book is for you. TABLE OF CONTENTS 1. Excel Environment 2. VLOOKUP Is Dead: Or is it? 3. INDEX and MATCH 4. LOOKUP 5. Other LOOKUP Methods and Functions 6. XLOOKUP 7. FILTER: The Ultimate Lookup Function 8. Power Query: One-Stop Solution 9. ChatGPT: Using ChatGPT to solve lookup issues Index

*Reference Books Bulletin* Elsevier

This book constitutes the refereed proceedings of the 4th International Conference on Computer Vision/Computer Graphics Collaboration Techniques, MIRAGE 2009, held in Rocquencourt, France, in May 2009. The 41 revised full papers presented were carefully reviewed and selected from a total of 83 submissions. The papers cover a wide range of topics with focus on Computer Vision/Computer Graphics collaboration techniques involving image analysis/synthesis approaches especially concerning theoretical, computational, experimental or industrial aspects of model-based image analysis and image-based model synthesis.

**Mastering Microsoft Power BI** RADACAD Systems Limited

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

*Power Query Cookbook* Microsoft Press

“CSV Web...”

*Beginning Microsoft Power BI* Mercury Learning and Information

- Automatisierter Datenimport - Flexible und stabile Abfragen auch bei schwierigen Datenquellen - Professionelle und effiziente Lösungen mit der Abfragesprache M - Nützliche Beispiele Schritt für Schritt erklärt - Ihr exklusiver Vorteil: E-Book inside beim Kauf des gedruckten Buches - Neu in der 2. Auflage: KI-Funktionen und eigene Excel-Datentypen aus Power Query Copy & Paste war gestern! Wer heute Daten in ein Auswertungsmodell einliest, nutzt am besten eine automatisierte und standardisierte Lösung. Microsoft Excel und Microsoft Power BI Desktop enthalten hierfür den Power Query-Editor, mit dem Sie eine Verbindung zu fast jeder Datenquelle herstellen können. In diesem Buch lernen Sie, dieses vielseitige »Programm im Programm« zu nutzen, um Ihren Datenimport zu automatisieren: Nicht nur das Einlesen, sondern auch die komplexe Datenaufbereitung wird einmalig als Abfrage gespeichert und kann anschließend immer wieder ausgeführt werden. Grundlage ist die Technologie Power Query, die zuerst als Add-In für Excel 2010 entwickelt wurde und nun fester Bestandteil von Excel und Power BI ist. Dank der benutzerfreundlichen Oberfläche des Abfrage-Editors lernen Sie schnell, Daten aus verschiedenen Quellen einzulesen und einfache Transformationen wie Filtern, Gruppieren oder Ersetzen durchzuführen. Für komplexe Transformationen greifen Sie auf die integrierte Abfragesprache zurück, die unter dem Kürzel M bekannt ist (offiziell Power Query Formula Language). Mit präzisen Erklärungen und anschaulichen Beispielen hilft Ihnen dieses Buch, das volle Potenzial von Power Query auszuschöpfen und professionelle Abfragen in M zu schreiben. AUS DEM INHALT - Grundlagen des Power Query-Abfrage-Editors - Abfragen auf Dateien, Datenbanken und Online-Quellen - Mehrere Datenquellen kombinieren - Komplexe Transformationen mit M - Über 400 M-Funktionen anschaulich erklärt - M-Funktionen selbst erstellen - Fehlerbehandlung und -vermeidung - VBA-Makros und M-Abfragen kombinieren - Abfragen effizienter und schneller machen

*Microsoft 365 Excel: The Only App That Matters* Packt Publishing Ltd

Microsoft Power BI is a data analytics and visualization tool powerful enough for the most demanding data scientists, but accessible enough for everyday use for anyone who needs to get more from data. The market has many books designed to train and equip professional data analysts to use Power BI, but few of them make this tool accessible to anyone who wants to get up to speed on their own. This streamlined intro to Power BI covers all the foundational aspects and features you need to go from "zero to hero" with data and visualizations. Whether you work with large, complex datasets or work in Microsoft Excel, author Jeremy Arnold shows you how to teach yourself Power BI and use it confidently as a regular data analysis and reporting tool. You'll learn how to: Import, manipulate, visualize, and investigate data in Power BI Approach solutions for both self-service and enterprise BI Use Power BI in your organization's business intelligence strategy Produce effective reports and dashboards Create environments for sharing reports and managing data access with your team Determine the right solution for using Power BI offerings based on size, security, and computational needs

*Excel 2021 / Microsoft 365 Programming By Example*

A compilation of evaluations appearing in Reference books bulletin (a section of the journal, Booklist)

*Advanced Analytics with Power BI and Excel* Springer

Kitabımız, Microsoft Power Query ve Power Pivot araçlarının veri analizi ve raporlama uygulamalarında kullanımı için açıklayıcı ve uygulamaya yönelik bilgiler vermek için hazırlanmıştır. Kitap içerisinde çoğunlukla Microsoft Excel dosyalarında yer alan tipik verilerin (satışlar, siparişler, üretim, müşteriler, vs.) işlenmesi, aralarında ilişkilerin kurulması ve Pivot Tablo ve Pivot Grafikler aracılığıyla raporlanması açıklanmaktadır. Kitap, beş ana bölümden oluşmaktadır. Birinci bölümde Microsoft Power Query ve Power Pivot'un genel olarak özellikleri ve ETL (Extract Transform and Load) süreci açıklanmaktadır. Bu bölümde Power Query ve Power Pivot ile yapılabilecek şeyler anlatılmaktadır. İkinci bölümde, Power Query anlatılmaktadır. Power Query ile verilerin alınması ve verilerin işlenmesini sağlayan araçlar açıklanmaktadır. Bu bölümde detaylı olarak, farklı veri kaynaklarından verilerin alınması, işlenmesi, düzenlenmesi (verilerin temizlenmesi, veri türlerinin düzenlenmesi, vb. işlemler) ve raporlanması amacıyla Excel ya da veri modeli ortamına yüklenmesi açıklanmaktadır. Bu bölümde ayrıca birleştirme ve ekleme sorguları ayrıca "M Language" olarak bilinen ve Power Query'ye özgü bir dil olan kodlama sistemiyle yapılan veri işleme uygulamaları da yer almaktadır. Üçüncü bölümde Power Pivot anlatılmaktadır. Power Pivot, kendi araçlarıyla verilerin alınmasını, veri modelinin oluşturulmasını ve buraya yüklenen tablolar arasında "ilişkiler" kurularak topluca raporlanmasını sağlar. Power Pivot ayrıca ölçü (measure) olarak adlandırılan bir programlama aracına sahiptir. Bu ölçüler DAX dili ile yazılmaktadır. Dördüncü bölümde DAX (Data Analysis eXpression) dili yer almaktadır. DAX dili ya da DAX fonksiyonları Power Pivot ortamında hesaplanmış sütunların ve ölçülerin (measures) yazılmasında kullanılmaktadır. Bu bölümde DAX'a ilişkin detaylı kullanım şekilleri ve formüller yer almaktadır. DAX fonksiyonları, Excel fonksiyonlarının gelişmiş şekilleridir diye düşünebiliriz, kitabın hedeflerinden birisi de DAX'ı öğrenmenizi sağlamaktır. Beşinci bölümde ise Power Query ve Power Pivot ile yapılacak rapor uygulaması yer almaktadır. Bu uygulamada çok sayıda veri kaynağından alınan verilerin işlemek ve aralarında ilişkiler kurularak Pivot Tablo aracılığıyla görsel grafikler ve veri tablolarıyla raporlanması yer almaktadır. Bu kitap öğrenmeye yönelik olarak adım adım açıklamaları ve uygulamalarıyla hem eğitim ortamında hem de kullanıcıların kendi-kendilerine de çalışarak Power Query ve Power Pivot'u öğrenebilecekleri bir kaynaktır.

*Microsoft Excel Inside Out (Office 2021 and Microsoft 365)* Packt Publishing Ltd

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 Power BI Cookbook* Packt Publishing Ltd

Plan, design, develop, and manage robust Power BI solutions to generate meaningful insights and make data-driven decisions. Purchase of the print or Kindle book includes a free eBook in the PDF format. Key Features Master the latest dashboarding and reporting features of Microsoft Power BI Combine data from multiple sources, create stunning visualizations and publish Power BI apps to thousands of users Get the most out of Microsoft Power BI with real-world use cases and examples Book Description Mastering Microsoft Power BI, Second Edition, provides an advanced understanding of Power BI to get the most out of your data and maximize business intelligence. This updated edition walks through each essential phase and component of Power BI, and explores the latest, most impactful Power BI features. Using best practices and working code examples, you will connect to data sources, shape and enhance source data, and develop analytical data models. You will also learn how to apply custom visuals, implement new DAX commands and paginated SRS-style reports, manage application workspaces and metadata, and understand how content can be staged and securely distributed via Power BI apps. Furthermore, you will explore top report and interactive dashboard design practices using features such as bookmarks and the Power KPI visual, alongside the latest capabilities of Power BI mobile applications and self-service BI techniques. Additionally, important management and administration topics are covered, including application lifecycle management via Power BI pipelines, the on-premises data gateway, and Power BI Premium capacity. By the end of this Power BI book, you will be confident in creating sustainable and impactful charts, tables, reports, and dashboards with any kind of data using Microsoft Power BI. What you will learn Build efficient data retrieval and transformation processes with the Power Query M language and dataflows Design scalable, user-friendly DirectQuery, import, and composite data

models  
 Create basic and advanced DAX measures  
 Add ArcGIS Maps to create interesting data stories  
 Build pixel-perfect paginated reports  
 Discover the capabilities of Power BI mobile applications  
 Manage and monitor a Power BI environment as a Power BI administrator  
 Scale up a Power BI solution for an enterprise via Power BI Premium capacity  
 Who this book is for  
 Business Intelligence professionals and intermediate Power BI users looking to master Power BI for all their data visualization and dashboarding needs will find this book useful. An understanding of basic BI concepts is required and some familiarity with Microsoft Power BI will be helpful to make the most out of this book.

M Orange Education Pvt Ltd

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  
 M  
 Excel BI  
 Tickling Keys, Inc.

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 Features Collect, combine, and transform data using Power Query's data connectivity and data preparation features Overcome the problems faced while accessing data from multiple sources and reshape it to meet your business requirements Explore how the M language can be used to write your own customized solutions  
 Book 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 learn Understand how to use Power Query to connect and explore data Explore ways to reshape and enrich data Discover the potential of Power Query across the Microsoft platform Build complex and custom transformations Use M code to write new queries against data sources Use the Power Query Online tool within Power BI Dataflows Implement best practices such as reusing dataflows, optimizing expanding table operations, and field mapping Who 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.

**Microsoft Power BI Quick Start Guide** Packt Publishing Ltd

This two volume set LNCS 5981 and LNCS 5982 constitutes the refereed proceedings of the 15th International Conference on Database Systems for Advanced Applications, DASFAA 2010, held in Tsukuba, Japan, in April 2010. The 39 revised full papers and 16 revised short papers presented together with 3 invited keynote papers, 22 demonstration papers, 6 industrial papers, and 2 keynote talks were carefully reviewed and selected from 285 submissions. The papers of the first volume are organized in topical sections on P2P-based technologies, data mining technologies, XML search and matching, graphs, spatial databases, XML technologies, time series and streams, advanced data mining, query processing, Web, sensor networks and communications, information management, as well as communities and Web graphs. The second volume contains contributions related to trajectories and moving objects, skyline queries, privacy and security, data streams, similarity search and event processing, storage and advanced topics, industrial, demo papers, and tutorials and panels.

Beginning Power BI dpunkt.verlag

Take your Power BI reports to the next level by learning various data modeling techniques and leveraging the latest features of Power BI effectively Purchase of the print or Kindle book includes a free eBook in PDF format. Key Features Get an understanding of data modeling techniques using Power BI with this up-to-date guide Learn how to define the relationships between data sets to extract valuable insights Explore best practices for data preparation and modeling and build optimal data models to solve a wide variety of real-world business challenges  
 Book Description This book is a comprehensive guide to understanding the ins and outs of data modeling and how to create full-fledged data models using Power BI confidently. In this new, fully updated edition, you'll learn how

to connect data from multiple sources, understand data, define and manage relationships between data, and shape data models to gain deep and detailed insights about your organization. As you advance through the chapters, the book will demonstrate how to prepare efficient data models in the Power Query Editor and use simpler DAX code with new data modeling features. You'll explore how to use the various data modeling and navigation techniques and perform custom calculations using the modeling features with the help of real-world examples. 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. Additionally, you'll learn valuable best practices and explore common data modeling complications and the solutions to supercharge the process of creating a data model in Power BI and build better-performing data models. 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 high-performing reports 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 Discover different hierarchies and their common pitfalls Understand complex data models and how to decrease the level of model complexity with different approaches Learn advanced data modeling techniques such as calculation groups, aggregations, incremental refresh, RLS/OLS, and more Get well-versed with datamarts and dataflows in Power BI 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 working knowledge of Power BI and the Star Schema functionality are required to help you to understand the concepts covered in this book.

**Hands-On Business Intelligence with DAX** Tickling Keys, Inc.

The first successful finished Smart Grid Prototype Projects deliver new requirements and best practices to meet them. These solutions will be the base for the upcoming norms and standards in the near future. This domain is not only part of one Standard developing Organization (SDO), but also of many different organizations like ITU, ISO, IEC and additionally for the electro mobility part the SAE. This results in many standards which are based on different aspects. Furthermore the European mirror organizations (ETSI, CEN, CENELEC) as well as the German mirror groups of these groups are involved, which are delivering further rules and adaption for the local market. Because of this diversity of organizations involved, it is difficult for the local companies (which includes energy utility, manufacturer and software producer specialized on integration) to identify the relevant trends, standardization groups and technologies necessary. With the EU Mandate M490 to CEN/CNELEC and TESI and the Commission being a driving force (e.g. <ftp://ftp.cenelec.eu/CENELEC/Smartgrid/SmartGridFinalReport.pdf> and <http://www.cenelec.eu/aboutcenelec/whatwedo/technologysectors/smartgrids.html>) standardization becomes more and more important – but it's complex and not easy to be understood. Here at OFFIS, we provide training but we are always asked for textbooks on our trainings. Based on our modules for the SG trainings, we would estimate the following chapters to be relevant to SG stakeholders in standardization (roughly 16-20 pages per chapter).

**Learning Microsoft Power BI** Springer

Design, develop, and master efficient Power BI solutions for impactful business insights Key Features Get to grips with the fundamentals of Microsoft Power BI Combine data from multiple sources, create visuals, and publish reports across platforms Understand Power BI concepts with real-world use cases  
 Book Description Microsoft Power BI Complete Reference Guide gets you started with business intelligence by showing you how to install the Power BI toolset, design effective data models, and build basic dashboards and visualizations that make your data come to life. In this Learning Path, you will learn to create powerful interactive reports by visualizing your data and learn visualization styles, tips and tricks to bring your data to life. You will be able to administer your organization's Power BI environment to create and share dashboards. You will also be able to streamline deployment by implementing security and regular data refreshes. Next, you will delve deeper into the nuances of Power BI and handling projects. You will get acquainted with planning a Power BI project, development, and distribution of content, and deployment. You will learn to connect and extract data from various sources to create robust datasets, reports, and dashboards. Additionally, you will learn how to format reports and apply custom visuals, animation and analytics to further refine your data. By the end of this Learning Path, you will learn to implement the various Power BI tools such as on-premises gateway together along with staging and securely distributing content via apps. This Learning Path includes content from the following Packt products: Microsoft Power BI Quick Start Guide by Devin Knight et al. Mastering Microsoft Power BI by Brett Powell What you will learn Connect to data sources using both import and DirectQuery options Leverage built-in and custom visuals to design effective reports Administer a Power BI cloud tenant for your organization Deploy your Power BI Desktop files into the Power BI Report Server Build efficient data retrieval and transformation processes Who this book is for Microsoft Power BI Complete Reference Guide is for those who want to learn and use the Power BI features to extract maximum information and make intelligent decisions that boost their business. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, then Learning Path is for you. It consists of real-world examples on Power BI and goes deep into the technical issues, covers additional protocols, and much more.

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