Dashboarding And Reporting With Power Pivot And Excel How To Design And Create A Financial Dashboard With Powerpivot A End To End

This book is intended for all Salesforce users—administrators, managers, business analysts, or report writers who are new to creating reports or dashboards within Salesforce. Basic knowledge of the Salesforce platform is required.
Microsoft Power BI is a cloud-based service that helps you easily visualize and share insights from your organization's data. This book will get you started with Business Intelligence using the Power BI tool, covering essential concepts like installation, building basic dashboards and visualizations to make your data come to life.
Prepare for Microsoft Exam 70-778–and help demonstrate your real-world mastery of Power BI data analysis and visualization. Designed for experienced BI professionals and data analysts ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: Consume and transform data by using Power BI Desktop Model and visualize data Configure dashboards, reports, and apps in the Power BI Service This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have experience consuming and transforming data, modeling and visualizing data, and configuring dashboards using Excel and Power BI
Power BI Desktop, when combined with Microsoft's revolutionary Power Pivot is a tool that allows users to create and transform data into reports and dashboards in new and much more powerful ways using the most-used analytical tool in the world: Excel. This book, written by a member of Microsoft's Power Pivot team, provides a practical step by step guide on creating a financial dashboard. The book covers in detail how to combine and shape the relevant data, build the dashboard in Excel, providing layout and design tips and tricks, prepare the model to work with fiscal dates, and show values used in many financial reports, including year-to-date, variance-to-target, percentage-of-total, and running totals reports. Accessibly written, this book offers readers a practical, real-world scenario and can be used as a day-to-day reference. Though the guide focuses on Power Pivot for Excel 2016, and Power BI Desktop.
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/.
This book will show you how to use Power BI effectively to create a variety of visualizations and BI dashboards. Right from gathering data through various data sources, you will learn to perform effective visual analytics. By the end of this book, you

will be able to gain unique, hidden insights into your data using Microsoft Power BI. Microsoft's revolutionary Power Pivot is a tool that allows users to create and transform data into reports and dashboards in new and much more powerful ways using the most-used analytical tool in the world: Excel. This book, written by a member of Microsoft's Power Pivot team, provides a practical step by step guide on creating a financial dashboard. The book covers in detail how to combine and shape the relevant data, build the dashboard in Excel, providing layout and design tips and tricks, prepare the model to work with fiscal dates, and show values used in many financial reports, including year-to-date, variance-to-target, percentage-of-total, and running totals reports. Accessibly written, this book offers readers a practical, real-world scenario and can be used as a day-to-day reference. Though the guide focuses on Power Pivot for Excel 2010, a chapter that discusses Power View—compatible with Excel 2013— and Power BI is also included.

"Excellent hands-on introduction to Power Bi" "Great way to learn Power BI" Power BI Academy is a series of short books that help students and professionals improve their Power Business Intelligence (BI) knowledge by creating professional dashboards through easy step-by-step instructions. Through this series, you will have the opportunity to work with datasets, metrics, and Key Performance Indicators (KPIs) from a wide range of industries, helping you become a valuable resource to any team and industry. In this book, Power BI Academy vol.2 - Healthcare, which has over 200 images, you will learn to create a unique Dashboard for the Healthcare Industry. You go through important topics of Microsoft Power BI Desktop, a Free BI tool from Microsoft. You will learn how to install Power BI Desktop, get data from Excel, model your Data, work with visuals and reports, create a Patient Overview Dashboard, and share your work. We will not go into deep theories as to the purpose of this book, and all Create and Learn material is to make the most of your time and learn by doing. You will follow step-by-step instructions to create a professional Healthcare Dashboard to help you rapidly increase your knowledge. I also hope this book will help start your journey in the Business Intelligence world and provide the necessary tools to create professional reports and dashboards using Microsoft Power BI. Check my other books: Power BI - Business Intelligence Clinic Excel - Business Intelligence Clinic Tableau - Business Intelligence Clinic

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.

The go to resource for how to use Excel dashboards and reports to better conceptualize data Many Excel books do an adequate job of discussing the individual functions and tools that can be used to create an "Excel Report." What they don't offer is the most effective ways to present and report data. Offering a comprehensive review of a wide array of technical and analytical concepts, Excel Reports and Dashboards helps Excel users go from reporting data with simple tables full of dull numbers, to presenting key information through the use of high-impact, meaningful reports and dashboards that will wow management both visually and substantively. Details how to analyze large amounts of data and report the results in a meaningful, eye-catching visualization Describes how to use different perspectives to achieve better visibility into data, as well as how to slice data into various views on the fly Shows how to automate redundant reporting and analyses Part technical manual, part analytical guidebook, Excel Dashboards and Reports is the latest addition to the Mr. Spreadsheet's Bookshelf series and is the leading resource for learning to create dashboard reports in an easy-to-use format that's both visually attractive and effective.

Architect and deploy a Power BI solution. This book will help you understand the many available options and choose the best combination for hosting, developing, sharing, and deploying a Power BI solution within your organization. Pro Power BI Architecture provides detailed examples and explains the different methods available for sharing and securing Power BI content so that only intended recipients can see it. Commonly encountered problems you will learn to handle include content unexpectedly changing while users are in the process of creating reports and building analysis, methods of sharing analyses that don't cover all the requirements of your business or organization, and inconsistent security models. The knowledge provided in this book will allow you to choose an architecture and deployment model that suits the needs of your organization, ensuring that you do not spend your time maintaining your solution but on using it for its intended purpose and gaining business value from mining and analyzing your organization's data. What You'll Learn Architect and administer enterprise-level Power BI solutions Choose the right sharing method for your Power BI solution Create and manage environments for development, testing, and production Implement row level security in multiple ways to secure your data Save money by choosing the right licensing plan Select a suitable connection type—Live Connection, DirectQuery, or Scheduled Refresh—for your use case Set up a Power BI gateway to bridge between on-premises data sources and the Power BI cloud service Who This Book Is For Data analysts, developers, architects, and managers who want to leverage Power BI for their reporting solution

Learn how to use Microsoft Power BI by following along with step by step lessons. This book was designed to get you the skills you need to start importing data and building reports in Power BI Desktop. No experience necessary, all of the steps are detailed and come with

screenshots so you know exactly what to do. No wasting time on trying to figure it out. This book get you up to speed in less than 4 hours on the basics of Power BI Desktop.Who should read this book?If you are interested in data visualization, data storytelling and improving your business with data. This book is designed for people that want to solve business problems with data and need a quick guide to get them started without fluff. If you have plenty of data and are stuck with Excel charts and Pivot Tables. Then give yourself a new skill and learn a leader in data visualization Microsoft Power BI. You will find this book gives you all of the core knowledge you need to create, modify and publish Power BI reports that enable self-service analytics and dashboards.Why you should select this book?For the price of 2 name brand coffees, you can learn everything you need to get started building reports in Power BI Desktop. It also provides an overview of the Power BI ecosystem so you can make a better decision to determine if implementing Microsoft Power BI is the right data visualization solution for your company. The examples provide a quick background on the topic and the provide step by step instructions with images to make sure you can get started with Power BI quickly. From start to finish this book should take you 2 to 4 hours to complete while learning critical skills required to build and modify Power BI Reports on your own.Chapter OutlineIntroductionSample Data and Project for this BookThe Power BI EcosystemHow to Add Data in Power BI DesktopVisualizationsBuilding ReportsInteracting with VisualsUsing Filter on ReportsExporting Data from Power BIPublishing Power BI DesktopBusiness leaders struggle to have the data they need readily available in an easy to use dashboard. At CDO Advisors, we'll build you an amazing Power BI Dashboard at a low monthly cost. So you can make decisions when you need without having to ask someone to pull data or send you a report.

This workbook/guide covers Power BI Web Service and DAX Programming, a web-based tool that provides cloud services over the Internet to post and view Dashboards. Individual Visual Reports are created using the Power BI Desktop tool which is installed on your local computer. Once you develop Visual Reports in Power BI Desktop, then you can use these Visual Reports to build Dashboards in the Power BI Web Service. These tools work together to describe your data sources in a Visual Report which can be updated when desired. The following topics will be covered: Overview - First, an overview of the interface and the menu system will be provided. This will enable users to switch between the different modules (described below) in order to develop a Dashboard. Dataset - This is used to store the uploaded database to the Power BI Web Service which can be interactive as the database is updated. However, it could also be cached/stored in Power BI Web Service (no connection to another source). A Dataset can be linked to multiple Visual Reports that are used to create a Dashboard. In this web-based tool, it is possible to click on a specific Dataset to create additional reports. However, it is recommended that reports be created in the Power BI Desktop. Report Workspace - This will display the Visual Reports created in Power BI Desktop as well as those created in the Power BI Web Service tool all while using the Edit Report tool (see Edit Report chapter). The reports in the Reports Workspace will be linked to a single Dataset, but they can be linked to multiple Dashboards. Filters are also available to adjust the information in the reports. Dashboard - This is the layout of different types of Visual Reports arranged together to provide a message for readers to understand. When you click on a report in the Dashboard, it is linked to the Reports Workspace which is also linked to the Datasets. When you click on a Visual Report located in the Dashboard, the report will open. Edit Report - When a report is created from a Dataset, you can use the capabilities to build multiple small Visual Reports such as Clustered Column Charts, Pie Charts, Cards to display total values, Tables of summarized data, Matrix reports, Maps, etc. Because you will want people reviewing the Visual Reports to understand the data stored in the data source, the progress, growth, or current state of the information can be displayed. Workbooks - This will allow you to upload an Excel Workbook into Power BI Web Service as the input data source for a Dashboard. Then, you can create a Visual Report in

Power BI Web Service prior to applying all reports to a Dashboard. This is an alternative to publishing reports from the Power BI Desktop tool. Settings - There are adjustments that can be made to the interface to provide additional functionality. Settings to be covered include General, Dashboard, Dataset, Workbook, Alerts, and Subscriptions settings. DAX Formula - This will explain the terms, basic structure and common development techniques. Also, we will cover how create New Columns in a table, create custom calculations known as Measures, as well as to create New Tables. *** What's is in the workbook? Press Download or Click on the left side of the screen: Look Inside! Enter one of the following keywords: visual reports, dashboard, share, get data, gateway, etc. Take A Class: http: //www.elearnlogic.com/download/schedule18.pd

What's the use of putting out reports that no one reads? Properly created dashboards are graphical representations that put data in a context for your audience, and they look really cool! How cool? You'll find out when you see the dazzling examples in Excel 2007 Dashboards & Reports For Dummies. And, before long, everyone's eyes will be riveted to your dashboards and reports too! This revolutionary guide shows you how to turn Excel into your own personal Business Intelligence tool. You'll learn the fundamentals of using Excel 2007 to go beyond simple tables to creating dashboard-studded reports that wow management. Get ready to catch dashboard fever as you find out how to use basic analysis techniques, build advanced dashboard components, implement advanced reporting techniques, and import external date into your Excel reports. Discover how to: Unleash the power of Excel as a business intelligence tool Create dashboards that communicate and get noticed Think about your data in a new way Present data more effectively and increase the value of your reports Create dynamic labels that support visualization Represent time and seasonal trending Group and bucket data Display and measure values versus goals Implement macro-charged reporting Using Excel 2007 as a BI tool is the most cost-efficient way for organizations of any size create powerful and insightful reports and distribute throughout the enterprise. And Excel 2007 Dashboards and Reports for Dummies is the fastest you for you to catch dashboard fever!

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.

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.

Renowned DAX experts Alberto Ferrari and Marco Russo teach you how to design data models for maximum efficiency and effectiveness. How can you use Excel and Power BI to gain real insights into your information? As you examine your data, how do you write a formula that provides the numbers you need? The answers to both of these questions lie with the data model. This book introduces the basic techniques for shaping data models in Excel and Power BI. It's meant for readers who are new to data modeling as well as for experienced data modelers looking for tips from the experts. If you want to use Power BI or Excel to analyze data, the many real-world examples in this book will help you look at your reports in a different way–like experienced data modelers do. As you'll soon see, with the right data model, the correct answer is always a simple one! By reading this book, you will: • Gain an understanding of the basics of data modeling, including tables, relationships, and keys • Familiarize yourself with star schemas, snowflakes, and common modeling techniques • Learn the importance of granularity • Discover how to use multiple fact tables, like sales and purchases, in a complex data model • Manage calendar-related calculations by using date tables • Track historical attributes, like previous addresses of customers or manager assignments • Use snapshots to compute quantity on hand • Work with multiple currencies in the most efficient way • Analyze events that have durations, including overlapping durations • Learn what data model you need to answer your specific business questions About This Book • For Excel and Power BI users who want to exploit the full power of their favorite tools • For BI professionals seeking new ideas for modeling data

PowerPivot is an amazing new add-in for Excel 2013 that allows business intelligence pros to process large amounts data. Although it is simple to use in a demo environment, analysts are likely to run into real-life scenarios that are

difficult to solve. This guide, dedicated solely to the PowerPivot tool, provides techniques and solutions to real-world problems, including showing the Top N customers by using slicer filters, comparing budget to actuals, drilling across data instead of through data, and joining data from two different sources in a single analysis.

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.

If you want to learn Business Intelligence software, if you are looking for specific BI tool, or if you are trying to decide on your next new BI solution, you will love Business Intelligence Clinic. One dataset, multiple solutions: Each book is about a different BI software, and you will follow step-by-step instructions to create a

professional sales dashboard with the same friendly dataset. The BI Clinic series is suitable for everyone - managers, analysts, students... - It will help you compare different Business Intelligence tools, learn the basics, and select the best for your project, company, customers, or personal needs. In this Create and Learn book, Power BI - Business Intelligence Clinic with more than 300 images B&W, you will you go through important topics of Microsoft Power BI Desktop - a Free BI tool from Microsoft. You will learn how to install Power BI Desktop, get data, model your data, work with visuals and reports, create a sales dashboard, and share your work with others. We will not go into deep theories as the purpose of this book and all Create and Learn material is to make the most of your time and to learn by doing. You will follow step-by-step instructions to create a professional sales dashboard, and eight warm-up dashboards to help you rapidly increase your Power BI knowledge. I hope this book will help you to start your journey in the Business Intelligence world and give you the right tools to start building professional reports and dashboards using Microsoft Power BI. Thank you for creating and learning. Roger F. Silva Check the Business Intelligence Clinic series One dataset, multiple solutions: Power BI - Business Intelligence Clinic Excel - Business Intelligence Clinic Tableau - Business Intelligence Clinic Qlik - Business Intelligence Clinic

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.

Use JSON theme files to standardize the look of Power BI dashboards and reports. This book shows how you can create theme files using the Power BI Desktop application to define high-level formatting attributes for dashboards as well as how to tailor detailed formatting specifications for individual dashboard

elements in JSON files. Standardize the look of your dashboards and apply formatting consistently over all your reports. The techniques in this book provide you with tight control over the presentation of all aspects of the Power BI dashboards and reports that you create. Power BI theme files use JSON (JavaScript Object Notation) as their structure, so the book includes a brief introduction to JSON as well as how it applies to Power BI themes. The book further includes a complete reference to all the current formatting definitions and JSON structures that are at your disposal for creating JSON theme files. Finally, the book includes dozens of theme files, from the simple to the most complex, that you can adopt and adapt to suit your own requirements. What You Will Learn Produce designer output without manually formatting every individual visual in a Power BI dashboard Standardize presentation for families of dashboard types Switch presentation styles in a couple of clicks Save dozens, or hundreds, of hours laboriously formatting dashboards Define enterprise-wide presentation standards Retroactively apply standard styles to existing dashboards Who This Book Is For Power BI users who want to save time by defining standardized formatting for their dashboards and reports, IT professionals who want to create corporate standards of dashboard presentation, and marketing and communication specialists who want to set organizational standards for dashboard delivery

Make the most of your data using the power of Excel When you think of data, do you think of endless rows and columns in spreadsheets? Excel Dashboards and Reports For Dummies, 3rd Edition shows you how to make the most of your data—and puts an end to mind-numbing spreadsheets by exploring new ways to conceptualize and present key information. There's often a gap between handling data and synthesizing it into meaningful reports, and this approachable text bridges this gap with quick and accessible information that answers key questions, like how to meaningfully capture data trends, how to show relationships in data, and when it's better to show variances than actual data values. As a leading spreadsheet application, Microsoft Excel is the go-to data software. This tool allows you to use dashboard reports that leverage gauges, maps, charts, sliders, and other visual elements to present complex data in a manner that's easy to understand. Using Excel dashboards effectively can improve your professional capabilities by leaps and bounds. Analyze and report on large amounts of data in a meaningful way Look at data from different perspectives, and better visualize the information you're presenting by quickly slicing data on the fly Automate redundant reporting and analysis functions, making your data analysis and reporting routine more efficient Create visualizations, dashboards, and what-if analyses that are as visually appealing as they are substantial Excel Dashboards and Reports For Dummies, 3rd Edition is a fantastic resource if you're looking to spice up your reporting!

Deliver eye-catching Business Intelligence with Microsoft Power BI Desktop. This new edition has been updated to cover all the latest features, including combo

charts, Cartesian charts, trend lines, use of gauges, and more. Also covered are Top-N features, the ability to bin data into groupings and chart the groupings, and new techniques for detecting and handling outlier data points. You can take data from virtually any source and use it to produce stunning dashboards and compelling reports that will seize your audience's attention. Slice and dice the data with remarkable ease and then add metrics and KPIs to project the insights that create your competitive advantage. Make raw data into clear, accurate, and interactive information with Microsoft's free self-service business intelligence tool. Pro Power BI Desktop shows you how to choose from a wide range of built-in and third-party visualization types so that your message is always enhanced. You'll be able to deliver those results on the PC, tablets, and smartphones, as well as share results via the cloud. This book helps you save time by preparing the underlying data correctly without needing an IT department to prepare it for you. What You'll Learn Deliver attention-grabbing information, turning data into insight Mash up data from multiple sources into a cleansed and coherent data model Create dashboards that help in monitoring key performance indicators of your business Build interdependent charts, maps, and tables to deliver visually stunning information Share business intelligence in the cloud without involving IT Deliver visually stunning and interactive charts, maps, and tables Find new insights as you chop and tweak your data as never before Adapt delivery to mobile devices such as phones and tablets Who This Book Is For Everyone from CEOs and Business Intelligence developers to power users and IT managers This workbook/guide covers Power BI Web Service, a web-based tool that provides cloud services over the Internet to post and view Dashboards. Individual Visual Reports are created using the Power BI Desktop tool which is installed on your local computer. Once you develop Visual Reports in Power BI Desktop, then you can use these Visual Reports to build Dashboards in the Power BI Web Service. These tools work together to describe your data sources in a Visual Report which can be updated when desired. The following topics will be covered: Overview - First, an overview of the interface and the menu system will be provided. This will enable users to switch between the different modules (described below) in order to develop a Dashboard. Dataset - This is used to store the uploaded database to the Power BI Web Service which can be interactive as the database is updated. However, it could also be cached/stored in Power BI Web Service (no connection to another source). A Dataset can be linked to multiple Visual Reports that are used to create a Dashboard. In this web-based tool, it is possible to click on a specific Dataset to create additional reports. However, it is recommended that reports be created in the Power BI Desktop. Report Workspace - This will display the Visual Reports created in Power BI Desktop as well as those created in the Power BI Web Service tool all while using the Edit Report tool (see Edit Report chapter). The reports in the Reports Workspace will be linked to a single Dataset, but they can be linked to multiple Dashboards. Filters are also available to adjust the information in the reports. Dashboard - This is the layout of different types of Visual Reports arranged together to provide a message for readers to understand. When you click on a report in the Dashboard, it is linked to the Reports Workspace which is also linked to the Datasets. When you click on a Visual Report located in the Dashboard, the report will open. Edit Report - When a report is created from a Dataset, you can use the capabilities to build multiple small Visual Reports such as Clustered Column Charts, Pie Charts, Cards to display total values, Tables of summarized data, Matrix reports,

Maps, etc. Because you will want people reviewing the Visual Reports to understand the data stored in the data source, the progress, growth, or current state of the information can be displayed. Workbooks - This will allow you to upload an Excel Workbook into Power BI Web Service as the input data source for a Dashboard. Then, you can create a Visual Report in Power BI Web Service prior to applying all reports to a Dashboard. This is an alternative to publishing reports from the Power BI Desktop tool. Settings - There are adjustments that can be made to the interface to provide additional functionality. Settings to be covered include General, Dashboard, Dataset, Workbook, Alerts, and Subscriptions settings. ** What's is in the workbook? Press Download or Click on the left side of the screen: Look Inside! Enter one of the following keywords: visual reports, dashboard, share, get data, gateway, etc. Take A Class: http: //www.elearnlogic.com/download/schedule18.pdf

Get more out of Microsoft Power BI turning your data into actionable insights About 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 languages Who This Book Is For This 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 solution In Detail Microsoft 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 approach This 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.

Deliver eye-catching and insightful business intelligence with Microsoft Power BI Desktop. This new edition has been updated to cover all the latest features of Microsoft's continually evolving visualization product. New in this edition is help with storytelling—adapted to PCs, tablets, and smartphones—and the building of a data narrative. You will find coverage of templates and JSON style sheets, data model annotations, and the use of composite data sources. Also provided is an introduction to incorporating Python visuals and the much awaited

Decomposition Tree visual. Pro Power BI Desktop shows you how to use source data to produce stunning dashboards and compelling reports that you mold into a data narrative to seize your audience's attention. Slice and dice the data with remarkable ease and then add metrics and KPIs to project the insights that create your competitive advantage. Convert raw data into clear, accurate, and interactive information with Microsoft's free self-service BI tool. This book shows you how to choose from a wide range of built-in and third-party visualization types so that your message is always enhanced. You will be able to deliver those results on PCs, tablets, and smartphones, as well as share results via the cloud. The book helps you save time by preparing the underlying data correctly without needing an IT department to prepare it for you. What You Will Learn Deliver attention-grabbing information, turning data into insight Find new insights as you chop and tweak your data as never before Build a data narrative through interactive reports with drill-through and cross-page slicing Mash up data from multiple sources into a cleansed and coherent data model Build interdependent charts, maps, and tables to deliver visually stunning information Create dashboards that help in monitoring key performance indicators of your business Adapt delivery to mobile devices such as phones and tablets Who This Book Is For Power users who are ready to step up to the big leagues by going beyond what Microsoft Excel by itself can offer. The book also is for line-of-business managers who are starved for actionable data needed to make decisions about their business. And the book is for BI analysts looking for an easy-to-use tool to analyze data and share results with C-suite colleagues they support.

Your hands-on guide to building effective Power BI dashboards Expand your expertise–and teach yourself how to create world-class Power BI business analysis dashboards that bring data to life for better decision-making. If you're an experienced business intelligence professional or manager, you'll get all the guidance, examples, and code you need to succeed–even if you've never used Power BI before. Successfully design, architect, and implement Power BI in your organization Take full advantage of any Microsoft Power BI platform, including Power BI Premium Make upfront decisions that position your Power BI project for success Build rich, live dashboards to monitor crucial data from across your organization Aggregate data and data elements from numerous internal and external data sources Develop dynamic visualizations, including charts, maps, and graphs Bring data to life with stunning interactive reports Ensure dashboard security and compliance Drive user adoption through effective training

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 the structure that can be modeled easily and used high performant for visualization. Data preparation and transformation is the backend work. If you consider building a BI system as going to a restaurant and ordering food. The visualization is the food you see on the table nicely presented. The quality, the taste, and everything else comes from the hard work in the kitchen. The part that you don't see or the backend in the world of Power BI is Power Query. You may be already familiar with some other data preparation and data transformation technologies, such as T-SQL, SSIS, Azure Data Factory, Informatica, etc. Power Query is a data transformation engine capable of preparing the data in the format you need. The good news is that to learn Power Query; you don't need to know programming. Power Query is for citizen data engineers. However, this doesn't mean that Power Query is not capable of performing advanced transformation. Unfortunately, because Power Query and data preparation is the kitchen work of the BI system, many Power BI users skip the learning of it and become aware of it somewhere along their BI project. Once they get familiar with it, they realize there are tons

of things they could have implemented easier, faster, and in a much more maintainable way using Power Query. In other words, they learn mastering Power Query is the key skill toward mastering Power BI. We have been working with Power Query since the very early release of that in 2013, named Data Explorer, and wrote blog articles and published videos about it. The number of articles we published under this subject easily exceeds hundreds. Through those articles, some of the fundamentals and key learnings of Power Query are explained. We thought it is good to compile some of them in a book. A good analytics solution combines a good data model, good data preparation, and good analytics and calculations. Reza has written another book about the Basics of modeling in Power BI and a book on Power BI DAX Simplified. This book is covering the data preparation and transformations aspects of it. This book is for you if you are building a Power BI solution. Even if you are just visualizing the data, preparation and transformations are an essential part of analytics. You do need to have the cleaned and prepared data ready before visualizing it. This book is complied into a series of two books, which will be followed by a third book later; Getting started with Power Query in Power BI and Excel (this book) Mastering Power Query in Power BI and Excel (already available to be purchased separately) Power Query dataflows (will be published later) Although this book is written for Power BI and all the examples are presented using the Power BI. However, the examples can be easily applied to Excel, Dataflows, and other tools and services using Power Query.

Microsoft Power BI Quick Start Guide, Second Edition gets you up to speed with Power BI quickly, enabling you to derive actionable insights from your data using the data visualization capabilities of Microsoft Power BI within a short span of time.

Build interactive and analytical sales productivity dashboards for Dynamics CRM 2015 with Power BIAbout This Book• Create Dynamics CRM reports using Power BI for Office 365 and Power BI Designer• Discover best practices to build and deploy these dashboards to Power BI sites and Dynamics CRM 2015• Learn how to extend dashboard to mobile iPad and Surface Power BI appsWho This Book Is ForThis book is intended for all Dynamics CRM 2015 users—administrators, managers, business analysts, or report writers who are new to creating dashboards using Power BI and Dynamics CRM. It would be helpful to have a basic knowledge of the Dynamics CRM 2015 platform, but no prior experience is required.What You Will Learn• Organize and consolidate Dynamics CRM 2015 datasets• Add summaries and visualizations using charts and maps• Enhance data clarity with filters, slicers, timelines• Improve analysis by joining other data sources• Deploy and present the dashboard to Power BI for Office 365 site• Use the advanced Q/A functionality with Power BI to query data in the dashboard graphs and charts• Connect the dashboards to Dynamics CRM 2015• Extend functionality with Power BI mobile appsIn DetailDynamics CRM 2015 holds a wealth of information about customers and the sales pipeline, but sometimes leaves users with basic end-user reporting and dashboard options. Power BI is a great new tool for analyzing and presenting data, giving us the ability to dig deeper into the information. With the increased requests for real-time sales analytics, Power BI when connected to Dynamics CRM offers a self-service approach to build, shape, and present data through an easy-to-use interface. The set of features within Power BI will give all users a tool to generate real-time sales productivity reports and dashboards to enhance their sales performance.This book will provide you with the skills you need to learn how to build and present Dynamics CRM 2015 sales dashboards using Power BI. It follows a step-by-step process to build an interactive dashboard by organizing and consolidating datasets, improving the look and feel of graphs, charts, and maps, and enhancing data clarity with filters and slicers.By sequentially working through the steps in each chapter, you will learn how to use the Power BI Q/A functionality to query data in the dashboard, extend the dashboards to the mobile apps for the iPad and Surface, and leverage the pre-built workbook template provided by Microsoft for Dynamic CRM 2015 sales, service,

and marketing dashboards.Style and approachA step-by-step approach to building a Power BI driven Dynamics CRM dashboard explained in an easy-to-follow style. Each topic is explained sequentially in the process of creating a dashboard, and detailed explanations of the basic and advanced features of Power BI and Dynamics CRM that appeal to the needs of readers with a wide range of experiences are also included.

Large corporations like IBM and Oracle are using Excel dashboards and reports as a Business Intelligence tool, and many other smaller businesses are looking to these tools in order to cut costs for budgetary reasons. An effective analyst not only has to have the technical skills to use Excel in a productive manner but must be able to synthesize data into a story, and then present that story in the most impactful way. Microsoft shows its recognition of this with Excel. In Excel, there is a major focus on business intelligence and visualization. Data Visualization with Excel Dashboards and Reports fills the gap between handling data and synthesizing data into meaningful reports. This title will show readers how to think about their data in ways other than columns and rows. Most Excel books do a nice job discussing the individual functions and tools that can be used to create an "Excel Report". Titles on Excel charts, Excel pivot tables, and other books that focus on "Tips and Tricks" are useful in their own right; however they don't hit the mark for most data analysts. The primary reason these titles miss the mark is they are too focused on the mechanical aspects of building a chart, creating a pivot table, or other functionality. They don't offer these topics in the broader picture by showing how to present and report data in the most effective way. What are the most meaningful ways to show trending? How do you show relationships in data? When is showing variances more valuable than showing actual data values? How do you deal with outliers? How do you bucket data in the most meaningful way? How do you show impossible amounts of data without inundating your audience? In Data Visualization with Excel Reports and Dashboards, readers will get answers to all of these questions. Part technical manual, part analytical guidebook; this title will help Excel users go from reporting data with simple tables full of dull numbers, to creating hi-impact reports and dashboards that will wow management both visually and substantively. This book offers a comprehensive review of a wide array of technical and analytical concepts that will help users create meaningful reports and dashboards. After reading this book, the reader will be able to: Analyze large amounts of data and report their data in a meaningful way Get better visibility into data from different perspectives Quickly slice data into various views on the fly Automate redundant reporting and analyses Create impressive dashboards and What-If analyses Understand the fundamentals of effective visualization Visualize performance comparisons Visualize changes and trends over time

Dashboards have become popular in recent years as uniquely powerful tools for communicating important information at a glance. Although dashboards are potentially powerful, this potential is rarely realized. The greatest display technology in the world won't solve this if you fail to use effective visual design. And if a dashboard fails to tell you precisely what you need to know in an instant, you'll never use it, even if it's filled with cute gauges, meters, and traffic lights. Don't let your investment in dashboard technology go to waste. This book will teach you the visual design skills you need to create dashboards that communicate clearly, rapidly, and compellingly. "Information Dashboard Design will explain how to: Avoid the thirteen mistakes common to dashboard design Provide viewers with the information they need quickly and clearly Apply what we now know about visual perception to the visual presentation of information Minimize distractions, cliches, and unnecessary embellishments that create confusion Organize business information to support meaning and usability Create

an aesthetically pleasing viewing experience Maintain consistency of design to provide accurate interpretation Optimize the power of dashboard technology by pairing it with visual effectiveness Stephen Few has over 20 years of experience as an IT innovator, consultant, and educator. As Principal of the consultancy Perceptual Edge, Stephen focuses on data visualization for analyzing and communicating quantitative business information. He provides consulting and training services, speaks frequently at conferences, and teaches in the MBA program at the University ofCalifornia in Berkeley. He is also the author of "Show Me the Numbers: Designing Tables and Graphs to Enlighten. Visit his website at www.perceptualedge.com.

Microsoft's revolutionary Power BI is a tool that allows users to create and transform data into reports and dashboards in new and much more powerful ways.This book, written by a member of Microsoft's Power BI team, provides a practical step by step guide on creating a financial dashboard. The book covers in detail how to combine and shape the relevant data, build the dashboard in Power BI, providing layout and design tips and tricks, prepare the model to work with fiscal dates, and show values used in many financial reports, including year-to-date, variance-to-target, percentage-of-total, and running totals reports.

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.

Bridge the big data gap with Microsoft Business Intelligence Tools for Excel Analysts The distinction between departmental reporting done by business analysts with Excel and the enterprise reporting done by IT departments with SQL Server and SharePoint tools is more blurry now than ever before. With the

introduction of robust new features like PowerPivot and Power View, it is essential for business analysts to get up to speed with big data tools that in the past have been reserved for IT professionals. Written by a team of Business Intelligence experts, Microsoft Business Intelligence Tools for Excel Analysts introduces business analysts to the rich toolset and reporting capabilities that can be leveraged to more effectively source and incorporate large datasets in their analytics while saving them time and simplifying the reporting process. Walks you step-by-step through important BI tools like PowerPivot, SQL Server, and SharePoint and shows you how to move data back and forth between these tools and Excel Shows you how to leverage relational databases, slice data into various views to gain different visibility perspectives, create eye-catching visualizations and dashboards, automate SQL Server data retrieval and integration, and publish dashboards and reports to the web Details how you can use SQL Server's built-in functions to analyze large amounts of data, Excel pivot tables to access and report OLAP data, and PowerPivot to create powerful reporting mechanisms You'll get on top of the Microsoft BI stack and all it can do to enhance Excel data analysis with this one-of-a-kind guide written for Excel analysts just like you.

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 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