

Excel Pivot Tables Recipe Book A Problem Solution Approach 1st Edition

Excel Pivot Tables Recipe BookA Problem-Solution
ApproachApress

Why spend time on coding problems that others have already solved when you could be making real progress on your Ruby project? This updated cookbook provides more than 350 recipes for solving common problems, on topics ranging from basic data structures, classes, and objects, to web development, distributed programming, and multithreading. Revised for Ruby 2.1, each recipe includes a discussion on why and how the solution works. You'll find recipes suitable for all skill levels, from Ruby newbies to experts who need an occasional reference. With Ruby Cookbook, you'll not only save time, but keep your brain percolating with new ideas as well. Recipes cover: Data structures including strings, numbers, date and time, arrays, hashes, files and directories Using Ruby's code blocks, also known as closures OOP features such as classes, methods, objects, and modules XML and HTML, databases and persistence, and graphics and other formats Web development with Rails and Sinatra Internet services, web services, and distributed programming Software testing,

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debugging, packaging, and distributing Multitasking, multithreading, and extending Ruby with other languages

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

Reinforce your understanding of Excel with these

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Workbook exercises Boost your knowledge of important Excel tasks by putting your skills to work in real-world situations. The For Dummies Workbook format provides more than 100 exercises that help you create actual results with Excel so you can gain proficiency. Perfect for students, people learning Excel on their own, and financial professionals who must plan and execute complex projects in Excel, Excel 2010 Workbook For Dummies helps you discover all the ways this program can work for you. Excel is the world's most popular number-crunching program, and For Dummies books are the most popular guides to Excel The Workbook approach offers practical application, with more than 100 exercises to work through and plenty of step-by-step guidance This guide covers the new features of Excel 2010, includes a section on creating graphic displays of information, and offers ideas for financial planners Also provides exercises on using formulas and functions, managing and securing data, and performing data analysis A companion CD-ROM includes screen shots and practice materials Excel 2010 Workbook For Dummies helps you get comfortable with Excel so you can take advantage of all it has to offer. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

- Kofler's book offers more up-to-date coverage than other books on the market - Provides in-depth

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coverage of topics normally overlooked, such as the File Scripting Objects, accessing external databases using the ADO library, automating data analysis with pivot tables, and automating diagrams.

Put the power of Excel formulas and functions to work for you! Excel is a complex program. Mastering the use of formulas and functions lets you use Excel to compute useful day-to-day information, such as calculating the true cost of credit card purchases or comparing 15-year and 30-year mortgage costs.

This fun and friendly book demystifies Excel's built-in functions so you can put them to work. You'll find step-by-step instructions on 150 of Excel's most useful functions, how they work within formulas, and how to use them to make your life easier. See how to use 150 of Excel's most useful functions, with real-world examples showing how each function is used within a formula Learn to calculate the costs of leasing versus buying a car, compute classroom grades, create an amortization table, or evaluate investment performance Fully updated for Excel 2010, but the principles will work with earlier versions of Excel as well Includes essential coverage of an additional 85 functions In the ever-popular, non-threatening For Dummies style, Excel Formulas and Functions For Dummies, 2nd Edition makes Excel's power accessible to you.

This book takes a hands-on approach to developing dashboards, from instructing users on advanced

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Excel techniques to addressing dashboard pitfalls common in the real world. Dashboards for Excel is your key to creating informative, actionable, and interactive dashboards and decision support systems. Throughout the book, the reader is challenged to think about Excel and data analytics differently—that is, to think outside the cell. This book shows you how to create dashboards in Excel quickly and effectively. In this book, you learn how to: Apply data visualization principles for more effective dashboards Employ dynamic charts and tables to create dashboards that are constantly up-to-date and providing fresh information Use understated yet powerful formulas for Excel development Apply advanced Excel techniques mixing formulas and Visual Basic for Applications (VBA) to create interactive dashboards Create dynamic systems for decision support in your organization Avoid common problems in Excel development and dashboard creation Get started with the Excel data model, PowerPivot, and Power Query

More than 80 recipes for enriching your Business Intelligence solutions with high-performance MDX calculations and flexible MDX queries in this book and eBook.

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. This is a practical, recipe-based book, taking the reader

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through the hands-on steps required to set up and use PowerPivot with as little fuss as possible. This is an introductory book on PowerPivot for basic Excel users who handle lots of data and are willing to go beyond the limitations of Excel without the need to learn a new language from scratch.

Learn to design more effective and sophisticated business reports While most users of SQL Server Reporting Services are now comfortable designing and building simple reports, business today demands increasingly complex reporting. In this book, top Reporting Services design experts have contributed step-by-step recipes for creating various types of reports. Written by well-known SQL Server Reporting Services experts, this book gives you the tools to meet your clients' needs

Your Periodic Table of Learning Elements Engaging, effective training programs are a mixture of science and art, requiring the right balance of adult learning theory, available technology, intuitive tools, proven practices, creativity, and risk. How does a trainer find the right combination and proportion of these elements? How does a trainer know what's possible? To answer these questions, Brian Washburn offers a simple yet elegant periodic table of learning elements modeled on the original periodic table of chemical properties.

Washburn's elements—which are organized into solids, liquids, gases, radioactive, and interactive categories similar to their chemical cousins—are metaphors for the tools and strategies of the field of learning design; when they're combined, and under certain conditions, they

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have the potential to create amazing learning experiences for participants. They are that impactful. From critical gas-like elements like the air we breathe, present in every training room (think instructional design or visual design), to radioactive elements, powerful and dangerous yet commonly used (think PowerPoint), Washburn guides you through the pitfalls and choices you confront in creating engaging learning experiences. A well-designed training program can be world-changing, he argues, and if you believe in your craft as a learning professional, you can do this too. Whether you're an experienced learning designer or new to the field, this book inspires with new ideas and ways to organize the design of your learning programs. With stories from Washburn's professional experience, the book includes a hands-on glossary of definitions and descriptions for more than 50 of his elements.

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

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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.

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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.

Expert tabular modeling techniques for building and deploying cutting-edge business analytical reporting solutions About This Book Build and deploy Tabular Model projects from relational data sources Leverage DAX and create high-performing calculated fields and measures Create ad-hoc reports based on a Tabular Model solution Useful tips to monitor and optimize your tabular solutions Who This Book Is For This book is for SQL BI professionals and Architects who want to exploit the full power of the new Tabular models in Analysis Services. Some knowledge of previous versions of Analysis services would be helpful but is not essential. What You Will Learn Learn all about Tabular services mode and how it speeds up development Build solutions using sample datasets Explore built-in actions and transitions in SSAS 2016 Implement row-column, and role-based security in a Tabular Data model Realize the benefits of in-memory and DirectQuery deployment modes Get up to date with the new features added to SQL Server 2016 Analysis Services Optimize Data Models and Relationships Usage In Detail SQL Server Analysis Service (SSAS) has been widely used across multiple businesses to build smart online analytical

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reporting solutions. It includes two different types of modeling for analysis services: Tabular and Multi Dimensional. This book covers Tabular modeling, which uses tables and relationships with a fast in-memory engine to provide state of the art compression algorithms and query performance. The book begins by quickly taking you through the concepts required to model tabular data and set up the necessary tools and services. As you learn to create tabular models using tools such as Excel and Power View, you'll be shown various strategies to deploy your model on the server and choose a query mode (In-memory or DirectQuery) that best suits your reporting needs. You'll also learn how to implement key and newly introduced DAX functions to create calculated columns and measures for your model data. Last but not least, you'll be shown techniques that will help you administer and secure your BI implementation along with some widely used tips and tricks to optimize your reporting solution. By the end of this book, you'll have gained hands-on experience with the powerful new features that have been added to Tabular models in SSAS 2016 and you'll be able to improve user satisfaction with faster reports and analytical queries. Style and approach This book takes a practical, recipe-based approach where each recipe lists the steps to address or implement a solution. You will be provided with several approaches to creating a business intelligence semantic model using analysis services. In this completely updated edition covering Excel 2019, previous versions, and Office 365, Microsoft Excel Functions & Formulas 5/E demonstrates the secrets of

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Excel through the use of practical and useful examples in a quick reference format. Easy to use and equipped with a variety of functions, Microsoft Excel is the tool of choice when it comes to crunching numbers, building charts, and analyzing tables. The book's extensive examples and added video tutorials make it an excellent resource for all Excel users who want to understand, create, and apply formulas. Experienced users will also find Microsoft Excel Functions & Formulas 5/E an excellent reference for many of the program's advanced formulas and functions. The text is easy to understand with numerous step-by-step instructions and the actual, ready to use, Excel screenshots of the input and output from the formulas. The book includes companion files with video tutorials, over 250 worksheet files of examples for numerous functions, formulas, and all the figures from the text. FEATURES Includes companion files with video tutorials, over 250 Excel worksheet examples, and all of the figures from the text (including 4-color) Completely updated to cover Microsoft Excel 2019, previous versions, and Office 365 Saves hundreds of hours with the latest Excel tips, worksheets, and shortcuts Written by a proven author with Microsoft Valued Professional(MVP) status The Companion Files are also available for downloading from the publisher by emailing proof of purchase to info@merclearning.com. Create beautiful data visualizations and interactive dashboards with Tableau About This Book Delve into the features and functionalities of Tableau from the ground up with this step-by-step guide that has over 50 "follow-me" recipes Build rich visualizations to effectively

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highlight the underlying trends and patterns in your data
Build beautiful interactive dashboards and storyboards to stitch your visualizations together and tell a story
Who This Book Is For This book is for anyone who wishes to use Tableau. It will be of use to both beginners who want to learn Tableau from scratch and to more seasoned users who simply want a quick reference guide. This book is a ready reckoner guide for you. The book will be such that both new & existing Tableau users who don't know, or can't recall how to perform different Tableau tasks can use the book and be benefited from it.
What You Will Learn Get to grips with the Tableau workspace and terminologies and understand what data sources you can connect
Learn to create basic charts like bar chart, stacked bar, pie chart, line chart, area chart, tree map & word cloud
Go even further with more advanced visualizations such as scatter plot, box & whiskers plot, dual axis, bullet chart, Histograms, Maps, etc
Use pre-defined calculation and change its scope and direction to affect outcome
Learn to define Parameters and call them into parametric calculations that provide outcomes based on user inputs
Build Dashboards and use Actions to link multiple sheets on the dashboard
Connect to multiple data sources using Data Blending, Multiple Table Join within the same data source as well as across data sources, Custom SQL and learn to work with data Extracts
Compute statistical trends, build forecasting models and use Reference lines for benchmarking
In Detail Data is everywhere and everything is data!
Visualization of data allows us to bring out the underlying trends and patterns inherent in the data and gain insights

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that enable faster and smarter decision making. Tableau is one of the fastest growing and industry leading Business Intelligence platforms that empowers business users to easily visualize their data and discover insights at the speed of thought. Tableau is a self-service BI platform designed to make data visualization and analysis as intuitive as possible. Creating visualizations with simple drag-and-drop, you can be up and running on Tableau in no time. Starting from the fundamentals such as getting familiarized with Tableau Desktop, connecting to common data sources and building standard charts; you will walk through the nitty gritty of Tableau such as creating dynamic analytics with parameters, blended data sources, and advanced calculations. You will also learn to group members into higher levels, sort the data in a specific order & filter out the unnecessary information. You will then create calculations in Tableau & understand the flexibility & power they have and go on to building story-boards and share your insights with others. Whether you are just getting started or whether you need a quick reference on a "how-to" question, This book is the perfect companion for you Style and approach This cookbook takes a step-by-step approach and the text systematically evolves to cover more involved functionalities. Every recipe includes illustrative screenshots which provide a detailed visual resource for each step.

Pivot Tables are a huge growth area. This book gives people the fast-answers they need to succeed The book is far more detailed than any competing title. Readers of this book will be able to do more, and more quickly The

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book goes beyond basic explanations and includes real-world troubleshooting, performance and security information not provided elsewhere

Beginning Microsoft Excel 2010 is a practical, step-by-step guide to getting started with the world's most widely-used spreadsheet application. The book offers a hands-on approach to learning how to create and edit spreadsheets, use various calculation formulas, employ charts/graphs, and get work done efficiently. Microsoft rolled out several new features with Excel 2010—perhaps the most notable was the ability to use Excel 2010 online and collaborate on a project in real time. Beginning Microsoft Office 2010 keeps you up-to-date with all of these features and more.

PivotTables may be Excel's most powerful feature, but Microsoft has estimated that only 15% of Excel users take advantage of them. That's because PivotTables (and their companion feature, PivotCharts) have a reputation for being difficult to learn. Not any more! In this expert tutorial, Excel legends Bill Jelen ("MrExcel") and Michael Alexander teach PivotTables and PivotCharts step-by-step, using realistic business scenarios that any Excel user can intuitively understand. Jelen and Alexander go far beyond merely explaining PivotTables and PivotCharts: they present practical "recipes" for solving a wide range of business problems. Drawing on more than 35 combined years of Excel experience, they provide tips and tricks readers won't find anywhere else, and show exactly how to sidestep common mistakes. Coverage includes: * Creating PivotTables, customizing them, and changing the way you view them * Performing calculations within PivotTables * Using PivotCharts and other visualizations * Analyzing multiple data sources with PivotTables * Sharing PivotTables with others * Working with and analyzing OLAP data * Making the most of

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Excel 2013's powerful new PowerPivot feature * Using Excel 2013's Slicer to dynamically filter PivotTables * Enhancing PivotTables with macros and VBA code This book is part of the popular MrExcel's Library series, edited by Bill Jelen, world-renowned Excel expert and host of the world-renowned Excel help site, MrExcel.com.

Make the most of your NAV deployment by extending and customizing it with a variety of expert tools About This Book Extend Dynamics in a cost-effective manner by using tools that are ready at your disposal Solve common business problems with the valuable features and flexibility of Dynamics NAV Follow practical and easy-to-grasp examples, illustrations, and coding to make the most out of Dynamics NAV in your organisation Who This Book Is For This book is for Dynamics NAV developers and administrators who have a good knowledge level and understanding of Dynamics NAV application development and administration. What You Will Learn Develop a module in Dynamics NAV using C/AL Build relationships with COM technologies Develop and integrate COM with Dynamics NAV 2016 Call the framework members from C/AL Develop an event in the .NET framework and see how to subscribe to it using C/AL Automate the deployment into Dynamics NAV Develop Windows Client Control add-Ins Deploy your resource automatically from Visual Studio Install and Configure Windows Client Control add-Ins Integrate Dynamics NAV with Sharepoint In Detail Microsoft Dynamics NAV is an enterprise resource planning (ERP) software suite for organizations. The system offers specialized functionality for manufacturing, distribution, government, retail, and other industries. Its integrated development environment enables customizations with minimal disruption to business processes. The book starts explaining the new features of Dynamics NAV along with how to create and modify a simple module. Moving on, you will learn the importance of thinking

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beyond the boundaries of C/AL development and the possibilities opened by with it. Next, you will get to know how COM can be used to extend the functionalities of Dynamics NAV. You'll find out how to extend the Dynamics NAV 2016 version using .NET interoperability and will see the steps required to subscribe to .NET events in order to extend Dynamics NAV. Finally, you'll see the cmdlets available to manage extension packages. By the end of the book, you will have the knowledge needed to become more efficient in selecting the extending methods, developing and deploying them to the Dynamics NAV, and practicing the best practices. Style and approach The book follows a practical recipe-based approach focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics NAV implementation.

Financial Modeling for Business Owners and Entrepreneurs: Developing Excel Models to Raise Capital, Increase Cash Flow, Improve Operations, Plan Projects, and Make Decisions may be one of the most important books any entrepreneur or manager in a small or medium-sized enterprise will read. It combines logical business principles and strategies with a step-by-step methodology for planning and modeling a company and solving specific business problems. You'll learn to create operational and financial models in Excel that describe the workings of your company in quantitative terms and that make it far more likely you will avoid the traps and dead ends many businesses fall into. Serial entrepreneur and financial expert Tom Y. Sawyer shows how to break your company down into basic functional and operational components that can be modeled. The result is a financial model that, for example, you can literally take to the bank or bring to local angel investors to receive the funding you need to launch your business or a new product. Or it might be a model that shows with startling clarity that

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your new product development effort is a likely winner—or loser. Even better, you'll learn to create models that will serve as guideposts for ongoing operations. You'll always know just where you are financially, and where you need to be. The models you will learn to build in *Financial Modeling for Business Owners and Entrepreneurs* can be used to:

- Raise capital for startup or any stage of growth
- Plan projects and new initiatives
- Make astute business decisions, including go/no-go assessments
- Analyze ROI on your product development and marketing expenditures
- Streamline operations, manage budgets, improve efficiency, and reduce costs
- Value the business when it is time to cash out or merge

In addition to many valuable exercises and tips for using Excel to model your business, this book contains a combination of practical advice born of hard-won lessons, advanced strategic thought, and the insightful use of hard skills. With a basic knowledge of Excel assumed, it will help you learn to think like an experienced business person who expects to make money on the products or services offered to the public. You'll discover that the financial model is a key management tool that, if built correctly, provides invaluable assistance every step of the entrepreneurial journey. Tom Y. Sawyer has used the principles this book contains to create financial models of numerous startup and early-stage companies, assisting them in planning for and raising the capital that they needed to grow their businesses and ultimately exit with multiples of their initial investment. *Financial Modeling for Business Owners and Entrepreneurs*, a mini-MBA in entrepreneurship and finance, will show you how you can do the same. Note: This book is an updated version of Sawyer's 2009 title, *Pro Excel Financial Modeling*. Solve real-world business problems by learning how to create common industry key performance indicators and other calculations using DAX within Microsoft products such as

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Power BI, SQL Server, and Excel. Key Features Learn to write sophisticated DAX queries to solve business intelligence and data analytics challenges Handle performance issues and optimization within the data model, DAX calculations and more Solve business issues with Microsoft Excel, Power BI, and SQL Server using DAX queries Book Description DAX provides an extra edge by extracting key information from the data that is already present in your model. Filled with examples of practical, real-world calculations geared toward business metrics and key performance indicators, this cookbook features solutions that you can apply for your own business analysis needs. You'll learn to write various DAX expressions and functions to understand how DAX queries work. The book also covers sections on dates, time, and duration to help you deal with working days, time zones, and shifts. You'll then discover how to manipulate text and numbers to create dynamic titles and ranks, and deal with measure totals. Later, you'll explore common business metrics for finance, customers, employees, and projects. The book will also show you how to implement common industry metrics such as days of supply, mean time between failure, order cycle time and overall equipment effectiveness. In the concluding chapters, you'll learn to apply statistical formulas for covariance, kurtosis, and skewness. Finally, you'll explore advanced DAX patterns for interpolation, inverse aggregators, inverse slicers, and even forecasting with a deseasonalized correlation coefficient. By the end of this book, you'll have the skills you need to use DAX's functionality and flexibility in business intelligence and data analytics. What you will learn Understand how to create common calculations for dates, time, and duration Create key performance indicators (KPIs) and other business calculations Develop general DAX calculations that deal with text and numbers Discover new ideas and time-saving

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

If you are a business analyst, BI developer, or an IT professional who wants to learn the A to Z of how to work with Web Intelligence reporting tools and different types of data, then this book is for you. The only thing you need is a basic understanding of what Business Intelligence is and data concepts.

This VBA Automation Cookbook is a recipe-based guide for Office users to automate their daily tasks and extend the capabilities of Excel and other Office applications. With this book, you'll learn the VBA programming language and its components that will help you to build custom programs and procedures to control applications in the Office suite.

This practical guide provides nearly 200 self-contained recipes to help you solve machine learning challenges you may encounter in your daily work. If you're comfortable with Python and its libraries, including pandas and scikit-learn, you'll be able to address specific problems such as loading data, handling text or numerical data, model selection, and dimensionality reduction and many other topics. Each recipe includes code that you can copy and paste into a toy dataset to ensure that it actually works. From there, you can insert, combine, or adapt the code to help construct your application. Recipes also include a discussion that explains the solution and provides meaningful context. This cookbook takes you

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beyond theory and concepts by providing the nuts and bolts you need to construct working machine learning applications. You'll find recipes for: Vectors, matrices, and arrays Handling numerical and categorical data, text, images, and dates and times Dimensionality reduction using feature extraction or feature selection Model evaluation and selection Linear and logical regression, trees and forests, and k-nearest neighbors Support vector machines (SVM), naïve Bayes, clustering, and neural networks Saving and loading trained models

This book will introduce Redis and help you understand its various facets. Starting with an introduction to NoSQL, you will learn how to install Redis and how to classify and work with data structures. By working with real world scenarios pertaining to using Redis, you will discover sharding and indexing techniques, along with how to improve scalability and performance through persistent strategies and data migration techniques. With the help of multiple examples, you will learn to design web and business applications. You will also learn how to configure Redis for setting up clusters and tuning it for performance. At the end of this book, you will find essential tips on backup and recovery strategies for the Redis environment.

Become a savvy Microsoft Excel user. Pivot tables are a great feature in Excel that help you organize and analyze data, but not many Excel users know how to use pivot tables. Pivot Table Data Crunching offers a comprehensive review of all the functionalities of Pivot Tables from author Bill Jelen, otherwise known as Mr. Excel from www.mrexcel.com, and Michael Alexander, a Microsoft Certified Application Developer. The authors' practical scenarios and real-world advice demonstrate

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the benefits of Pivot Tables and how to avoid the common pitfalls of every day data crunching. Each solution presented in the book can be accomplished with resources available in the Excel interface, making Pivot Table Data Crunching a beneficial resource for all levels of Excel users.

The high-level language of R is recognized as one of the most powerful and flexible statistical software environments, and is rapidly becoming the standard setting for quantitative analysis, statistics and graphics. R provides free access to unrivalled coverage and cutting-edge applications, enabling the user to apply numerous statistical methods ranging from simple regression to time series or multivariate analysis. Building on the success of the author's bestselling *Statistics: An Introduction using R*, *The R Book* is packed with worked examples, providing an all inclusive guide to R, ideal for novice and more accomplished users alike. The book assumes no background in statistics or computing and introduces the advantages of the R environment, detailing its applications in a wide range of disciplines. Provides the first comprehensive reference manual for the R language, including practical guidance and full coverage of the graphics facilities. Introduces all the statistical models covered by R, beginning with simple classical tests such as chi-square and t-test. Proceeds to examine more advance methods, from regression and analysis of variance, through to generalized linear models, generalized mixed models, time series, spatial statistics, multivariate statistics and much more. *The R Book* is aimed at undergraduates,

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postgraduates and professionals in science, engineering and medicine. It is also ideal for students and professionals in statistics, economics, geography and the social sciences.

*Practical step-by-step tutorials and business examples guide the reader through everything they need to know about Pivot Tables. *This book focuses specifically on Pivot Tables where most books only include a section on them. Since many users find Pivot Tables very challenging, the single focus of this book offers an accessible but full tutorial on this important part of Excel.

*Paul Cornell works at Microsoft and has a long career writing about Office and Excel for Power Users, who are the audience he is now writing for in this new book.

In this book, Debra Dalglish, Microsoft Office Excel MVP since 2001 as well as an expert and trainer in Excel, brings together a one-stop resource for anyone curious about representing, analyzing, and using their data with PivotTables and PivotCharts. She covers the entire breadth of situations you could ever encounter, from planning and creating, to formatting and extracting data, to maximizing performance and troubleshooting. The author presents tips and techniques that can't be found in Excel's Help section, while carefully explaining the most confusing features of PivotTables to help you realize their powerful potential.

This second edition of Excel Basics to Blackbelt capitalizes on the success of the first edition and leverages some of the advancements in visualization, data analysis, and sharing capabilities that have emerged over the past five years. As with the original

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text, the second edition is intended to serve as an accelerated guide to decision support designs for consultants and service professionals. This 'fast track' enables a ramping up of skills in Excel for those who may have never used it to reach a level of mastery that will allow them to integrate Excel with widely available associated applications, make use of intelligent data visualization and analysis techniques, automate activity through basic VBA designs, and develop easy-to-use interfaces for customizing use. In other words, this book provides users with lessons and examples on integrative Excel use that are not available from alternative texts. Advanced Excel Essentials is the only book for experienced Excel developers who want to channel their skills into building spreadsheet applications and dashboards. This book starts from the assumption that you are well-versed in Excel and builds on your skills to take them to an advanced level. It provides the building blocks of advanced development and then takes you through the development of your own advanced spreadsheet application. For the seasoned analyst, accountant, financial professional, management consultant, or engineer—this is the book you've been waiting for! Author Jordan Goldmeier builds on a foundation of industry best practices, bringing his own forward-thinking approach to Excel and rich real-world experience, to distill a unique blend of advanced essentials. Among other topics, he covers advanced formula concepts like array formulas and Boolean logic and provides insight into better code and formulas development. He supports that insight by showing you

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how to build correctly with hands-on examples.

The 40 essential tips that all Excel users need to know Crowdsourced by more than 300 contributors who collaborated on choosing the 40 best Excel tips, MrExcel XL provides users with a concise book that can be absorbed in under an hour. Each tip is explained with text, screenshots, and a custom illustration. Anyone who uses Excel will be able to turn to any page and pick up tips that will save them hours of work.

Learn the business thinking behind financial modeling and execute what you know effectively using Microsoft Excel. Many believe that sales and profitability projections shown in financial models are the keys to success in attracting investors. The truth is that investors will come up with their own projections. The investor wants to understand the assumptions, structure, and relationships within the modeling of a startup. If the investor is satiated, the entrepreneur has successfully demonstrated a complete understanding of the business side of the enterprise. Pro Excel Financial Modeling provides the keys necessary to learn this thinking and to build the models that will illustrate it. Step-by-step approach to developing financial models in Excel Extensive case studies and Excel templates provided The book shows you how to view data from multiple perspectives, including data frame and column attributes. You will cover common and not-so-common challenges that are faced while cleaning messy data for complex situations. You will learn to manipulate data and get them down to a form that can be useful for making the right decisions.

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Using a PivotTable in Microsoft Office Excel 2007 is a quick and exciting way to slice and dice a large amount of data. This book explains what PivotTables are, how you can benefit from using them, how to create them and modify them, and how to use their enhanced features. It is for experienced Excel users who want to learn how to use Excel 2007 Pivot Tables for fast data analysis. The author is an internationally recognized Excel authority. Her web site on Excel, contextures.com, has over 175,000 visitors a month.

Explore common and not-so-common data transformation scenarios and solutions to become well-versed with Tableau Prep and create efficient and powerful data pipelines Key Features Combine, clean, and shape data for analysis using self-service data preparation techniques Become proficient with Tableau Prep for building and managing data flows across your organization Learn how to combine multiple data transformations in order to build a robust dataset Book Description Tableau Prep is a tool in the Tableau software suite, created specifically to develop data pipelines. This book will describe, in detail, a variety of scenarios that you can apply in your environment for developing, publishing, and maintaining complex Extract, Transform and Load (ETL) data pipelines. The book starts by showing you how to set up Tableau Prep Builder. You'll learn how to obtain data from various data sources, including files, databases, and Tableau Extracts. Next, the book demonstrates how to perform data cleaning and data aggregation in Tableau Prep Builder. You'll also gain an understanding of Tableau

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Prep Builder and how you can leverage it to create data pipelines that prepare your data for downstream analytics processes, including reporting and dashboard creation in Tableau. As part of a Tableau Prep flow, you'll also explore how to use R and Python to implement data science components inside a data pipeline. In the final chapter, you'll apply the knowledge you've gained to build two use cases from scratch, including a data flow for a retail store to prepare a robust dataset using multiple disparate sources and a data flow for a call center to perform ad hoc data analysis. By the end of this book, you'll be able to create, run, and publish Tableau Prep flows and implement solutions to common problems in data pipelines. What you will learn Perform data cleaning and preparation techniques for advanced data analysis Understand how to combine multiple disparate datasets Prepare data for different Business Intelligence (BI) tools Apply Tableau Prep's calculation language to create powerful calculations Use Tableau Prep for ad hoc data analysis and data science flows Deploy Tableau Prep flows to Tableau Server and Tableau Online Who this book is for This book is for business intelligence professionals, data analysts, and Tableau users looking to learn Tableau Prep essentials and create data pipelines or ETL processes using it. Beginner-level knowledge of data management will be beneficial to understand the concepts covered in this Tableau cookbook more effectively.

Power Query is one component of the Power BI (Business Intelligence) product from Microsoft, and "M" is the name of the programming language created by it.

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As more business intelligence pros begin using Power Pivot, they find that they do not have the Excel skills to clean the data in Excel; Power Query solves this problem. This book shows how to use the Power Query tool to get difficult data sets into both Excel and Power Pivot, and is solely devoted to Power Query dashboarding and reporting.

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

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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

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