A Guide To Creating Dashboards

Learn to create stunning animated and interactive charts using Highcharts and Angular. Use and build on your existing knowledge of HTML, CSS, and JavaScript to develop impressive dashboards that will work in all modern browsers. You will learn how to use Highcharts, call backend services for data, and easily construct real-time data dashboards. You'll also learn how you can club your code with jQuery and Angular. This book provides the best solutions for real-time challenges and covers a wide range of charts including line, area, maps, plot, different types of pie chart, Gauge, heat map, Histogram, stacked bar, scatter plot and 3d charts. After reading this book, you'll be able to export your charts in different formats for project-based learning. Highcharts is one the most useful products worldwide for develop charting on the web, and Angular is well known for speed. Using Highcharts with Angular, developers can build fast, interactive dashboards. Get up to speed using this book today. What You'll Learn How to develop interactive, animated dashboards How you can implement Highcharts using Angular How to develop a real-time application with the use of WebAPI, Angular, and Highcharts How to create interactive styling themes and colors for a dashboard Who This Book Is For This book is aimed at developers, dev leads, software architects, students or enthusiasts who are already familiar with HTML, CSS, and JavaScript. 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. Explains how to use all of the features in Xcelsius Teaches you how to build and customize interactive dash-boards to effectively visualize your key business data Provides guidance on using Xcelsius in an SAP environment Learn how to build your own Xcelsius dashboards, with this practical book. It explains how to use Xcelsius in an end-to-end, linear common usage manner, while highlighting typical scenarios where each feature can be used to solve business problems. It also gives you detailed, step-by-step guidance and best-practices for each feature, along with hands-on exercises that will help you begin creating dashboards and visualizations quickly. And if you re more advanced, you ll learn how to customize the Xcelsius components, themes, and data connections so you can use Xcelsius to the fullest extent. Learn how to quickly generate business intelligence, insights and create interactive dashboards for digital storytelling through various data sources with Redash Key Features Learn the best use of visualizations to build powerful interactive dashboards Create and share visualizations and data in your organization Work with different complexities of data from different data sources Book Description Data exploration and visualization is vital to Business Intelligence, the backbone of almost every enterprise or organization. Redash is a querying and visualization tool developed to simplify how marketing and business development departments are exposed to data. If you want to learn to create interactive dashboards with Redash, explore different visualizations, and share the insights with your peers, then this is the ideal book for you. The book starts with essential Business Intelligence concepts that are at the heart of data visualizations. You will learn how to find your way round Redash and its rich array of data visualization options for building interactive dashboards. You will learn how to create

data storytelling and share these with peers. You will see how to connect to different data sources to process complex data, and then visualize this data to reveal valuable insights. By the end of this book, you will be confident with the Redash dashboarding tool to provide insight and communicate data storytelling. What you will learn Install Redash and troubleshoot installation errors Manage user roles and permissions Fetch data from various data sources Visualize and present data with Redash Create active alerts based on your data Understand Redash administration and customization Export, share and recount stories with Redash visualizations Interact programmatically with Redash through the Redash API Who this book is for This book is intended for Data Analysts, BI professionals and Data Developers, but can be useful to anyone who has a basic knowledge of SQL and a creative mind. Familiarity with basic BI concepts will be helpful, but no knowledge of Redash is required.

Did you know that your business already has the world's greatest information-tracking team working tirelessly for you 24/7 to gather all the info you could possibly need to find your next customers? Between brand tracking, CRM programs, and online behavior tracking, as well as the always-dependable trade shows and satisfaction studies, mounds of marketing metrics are being generated for you across various touchpoints and channels. The numbers available to you are mind-blowing--but the amount itself can be mind-numbing. Where can one begin to filter through it all to find what is most beneficial for their company?Locked in the vast quantity of information are accurate, data-driven answers to every marketing question--and analytic dashboards are the key to finding it all. In It's Not the Size of the Data--It's How You Use It, marketing expert Koen Pauwels introduces readers to these transformative web-based tools that gather, synthesize, and visually display essential data in real time, directly connecting marketing with performance. He then supplies a simple yet rigorous methodology that explains step by step how to:• Gain crucial IT support • Build a rock-solid database • Select key leading performance indicators • Design the optimal dashboard layout • Use marketing analytics to improve decisions and reap rewardsThere is simply too much customer-produced information out there today for marketing teams to go with gut decisions or the same old standbys. Dashboard analytics will bring scientific precision and insight to the marketing efforts of any size organization, in any industry, and turn this eye-popping data into a specific plan of attack.

The Dashboards and Widgets Guide provides instructions for designing and creating MicroStrategy Report Services dashboards, a type of document that is optimized for viewing online and for user interactivity. It builds on the basic concepts about documents presented in the Document Creation Guide.

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!

Integrate open source data analytics and build business intelligence on SQL databases with Apache Superset. The quick, intuitive nature for data visualization in a web application makes it easy for creating interactive dashboards. Key Features Work with Apache Superset's rich set of data visualizations Create interactive dashboards and data storytelling Easily explore data Book Description Apache Superset is a modern, open source, enterprise-ready business intelligence (BI) web application. With the help of this book, you will see how Superset integrates with popular databases like Postgres, Google BigQuery, Snowflake, and MySQL. You will learn to create real time data visualizations and dashboards on modern web browsers for your organization using Superset. First, we look at the fundamentals of Superset, and then get it up and running. You'll go through the requisite installation, configuration, and deployment. Then, we will discuss different columnar data types, analytics, and the visualizations available. You'll also see the security tools available to the administrator to keep your data safe. You will learn how to visualize relationships as graphs instead of coordinates on plain orthogonal axes. This will help you when you upload your own entity relationship dataset and analyze the dataset in new, different ways. You will also see how to analyze geographical regions by working with location data. Finally, we cover a set of tutorials on dashboard designs frequently used by analysts, business intelligence professionals, and developers. What you will learn Get to grips with the fundamentals of data exploration using Superset Set up a working instance of Superset on cloud services like Google Compute Engine Integrate Superset with SQL databases Build dashboards with Superset Calculate statistics in Superset for numerical, categorical, or text data Understand visualization techniques, filtering, and grouping by aggregation Manage user roles and permissions in Superset Work with SQL Lab Who this book is for This book is for data analysts, BI professionals, and developers who want to learn Apache Superset. If you want to create interactive dashboards from SQL databases, this book is what you need. Working knowledge of Python will be an advantage but not necessary to understand this book. 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.
As a learning and development professional, you know your work has value, but it can be challenging to show that value to your organizational leaders. An executive dashboard that showcases important metrics may be the answer! In "Executive Dashboards to Win Over the C-

Suite," Preethi Anand takes you through the steps to create a compelling dashboard. This TD at Work issue includes: · an explanation of what dashboards are and what they can do · questions to help you decide on learning outcomes · sample objectives that might appear on a dashboard · guidance on choosing presentation tools · an audience analysis worksheet · a design thinking template for identifying core metrics.

* Create interactive dashboards with the tool also known as Xcelsius * Understand how to use SAP BusinessObjects Dashboards in an SAP environment * Explore new features such as Query Browser, sparkline chart, and Universe connectivity Impress your audience with eye-catching, informative, and easy-to-navigate dashboards with SAP BusinessObjects Dashboards! In this book, you'll quickly learn the basics of building your own dashboard and move on to customize your creations with themes, data connections, and other essential features. SAP BusinessObjects Dashboards Basics Build a strong foundation by understanding the features, options, themes, and commands at your disposal, and benefi t from comprehensive examples and practical exercises. Visualize the Process Benefit from numerous screenshots that show how different features will look in a dashboard (and view them in color in the online version!). Custom Options Tailor and enhance your dashboard by using SDK tools, data connectivity with options like SAP Crystal Reports and SAP BusinessObjects Live Office, and both SAP and non-SAP tools.Bonus Online Information Download source code from all examples and find color figure downloads at www.sap-press.com. Updated and Revised for Release 4.0 Find all changes in the move to SAP BusinessObjects Dashboards 4.0, from small menu changes and what they mean, to new developments in location intelligence and more.

The definitive reference book with real-world solutions you won't find anywhere else The Big Book of Dashboards presents a comprehensive reference for those tasked with building or overseeing the development of business dashboards. Comprising dozens of examples that address different industries and departments (healthcare, transportation, finance, human resources, marketing, customer service, sports, etc.) and different platforms (print, desktop, tablet, smartphone, and conference room display) The Big Book of Dashboards is the only book that matches great dashboards with real-world business scenarios. By organizing the book based on these scenarios and offering practical and effective visualization examples, The Big Book of Dashboards will be the trusted resource that you open when you need to build an effective business dashboard. In addition to the scenarios there's an entire section of the book that is devoted to addressing many practical and psychological factors you will encounter in your work. It's great to have theory and evidenced-based research at your disposal, but what will you do when somebody asks you to make your dashboard 'cooler' by adding packed bubbles and donut charts? The expert authors have a combined 30-plus years of hands-on experience helping people in hundreds of organizations build effective visualizations. They have fought many 'best practices' battles and having endured bring an uncommon empathy to help you, the reader of this book, survive and thrive in the data visualization world. A well-designed dashboard can point out risks, opportunities, and more; but common challenges and misconceptions can make your dashboard useless at best, and misleading at worst. The Big Book of Dashboards gives you the tools, guidance, and models you need to produce great dashboards that inform, enlighten, and engage.

Focusing on designing the right dashboards for use in an organization, this timely, full color book reveals how to successfully deploy dashboards by building the optimal software architecture and dashboard design. In addition, it describes the value of this popular technology to a business and how it can have a significant impact on performance improvement. A unique collection of more than 120 dashboard images are organized by category. One of the chapters provides a step-by-step description of the key performance indicator (KPIs) design process. One of the appendices contains more than 1,000 examples of

KPIs to help design the content of dashboards. The book also describes all the steps in a dashboard implementation and offers related advice. Nils Rasmussen (West Hollywood, CA) is cofounder and Principal of Solver, Inc. Claire Y. Chen (Long Beach, CA) is a Senior Business Intelligence Architect at Solver, Inc. Manish Bansal (Irvine, CA) is Vice President of Sales at Solver, Inc.

Not a data expert? Here's an engaging and entertaining guide to interpreting and drawing insights from any chart, graph, or other data visualization you'll encounter. You're a business professional, not a data scientist. How do you make heads or tails of the data visualizations that come across your desk—let alone make critical business decisions based on the information they're designed to convey? In The Big Picture, top data visualization consultant Steve Wexler provides the tools for developing the graphical literacy you need to understand the data visualizations that are flooding your inbox—and put that data to use. Packed with the best four-color examples created in Excel, Tableau, Power BI, and Qlik, among others, this one-stop resource empowers you to extract the most important information from data visualizations quickly and accurately, act on key insights, solve problems, and make the right decisions for your organization every time.

Excel Easy Vol. 1 - Financial Management Dashboard If you want to learn how to create Dashboards in Microsoft Excel, if you want to practice what you have learned, or if you are a busy person and want a small but effective book to getting inspired, you will love the Excel Easy series. The Excel Easy is a series of short books that help students and professionals improve their ability to create beautiful and professional deliverables, using Microsoft Excel, through easy and quick step-by-step instructions. With 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 business. In this book, Excel Easy Vol 1 - Financial Management Dashboard, which has over 100 images Black and White, you will create a unique Dashboard for finance using basic and intermediate customization tools and Dashboard Design methods. Our promises: Few pages, quick steps, and professional deliverables. This volume is for beginners and people who want to get inspired by creating beautiful dashboards. 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. We 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 Excel. Ready for the next challenge? We have more books on Amazon: - Power BI - Business Intelligence Clinic: Create and Learn - Excel Power Suite - Business Intelligence Clinic: Create and Learn - Tableau - Business Intelligence Clinic: Create and Learn - Python in 100 Pages - Excel Easy Series

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.

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.

Do you want to show your data in a stunning dashboard? Or do you want to create a dashboard that you have to update frequently? Let's talk about how to do it ! Any Report You want ! If you are really serious about Excel Pivot tables and Dashboard and want to get into the real 'Excel' world within the next 7 days of your Life? If YES then you are in the right place. Why? Because this is the only book that comes with Interactive Codes? (thoroughly tested and proofread by experts), Expert Tips and Tricks? (stand out from the crowd) and Exercises? (with their Solutions) (make the concepts stick to your mind). Excel is a powerful yet highly accessible tool for data analyst using data stored on spreadsheets. Microsoft is continuously developing new features based on feedback by Excel Power-User beta testers, data analysts, and Excel aficionados. Regardless of these new features, those who get the most out of the data analysis features in Excel are those who understand the investigative process: creating new ways of looking at the data through asking the right questions. Excel pivot tables have many features that allow you to cut and slice data on the fly. After initializing and loading the data into pivot tables, it is a straightforward process to create interactive drag-and-drop analyst dashboards. Excel for the web even makes it possible to publish dynamic dashboards online for your clients. However, unfortunately, many tend to mistake Excel and pivot tables as the primary tool for creating these new perspectives. While these tools may allow you to create a presentation, the impact of that presentation depends solely on your grasp of the analysis process and the way you present your content. Accurate and scientifically sound modeling is the only way to ensure data-driven business decisions. This distinction separates data entry freelancers from business analyst consultants who inform trends in their field. "Excel Pivot tables and Dashboard" ? is not just a step-by-step guide. This book can serve as a valuable resource for: Mastering easy, powerful techniques for creating, customizing, and controlling dynamic PivotTables in Excel 2019 Strategizing your investigative approach, particularly for data analysts and consultants informing business decisions Best practice for scientifically sound modeling, reporting, and sharing interactive dashboards Common troubleshooting considerations for overcoming technical issues Impactful analysis takes practice and a level of technique, much like the creative field. To effectively render and represent ideas, even artists must practice techniques that inform trends in their field. Analysts must take a similarly methodical approach to be valuable and give insightful observations to decision makers. "Excel Pivottables and Dashboard" is a beginner's guide to making presentations that answer why and how your analysis will impact your client's bottom line. Remember you can never compare a well-structured (paid) book with free online resources like Youtube Channels, Discussion Forums and other online courses (mostly out-dated). Now if you are really serious about "Excel Pivot tables and Dashboard" ? then Scroll Up and Click the Buy Now Button! Learn how to easily transform your data into engaging, interactive visual reports! Data is no longer the sole domain of tech professionals and scientists. Whether

in our personal, business, or community lives, data is rapidly increasing in both importance and sheer volume. The ability to visualize all kinds of data is now within reach for anyone with a computer and an internet connection. Google Data Studio, quickly becoming the most popular free tool in data visualization, offers users a flexible, powerful way to transform private and public data into interactive knowledge that can be easily shared and understood. Hands On With Google Data Studio teaches you how to visualize your data today and produce professional quality results quickly and easily. No previous experience is required to get started right away—all you need is this guide, a Gmail account, and a little curiosity to access and visualize data just like large businesses and organizations. Clear, step-by-step instructions help you identify business trends, turn budget data into a report, assess how your websites or business listings are performing, analyze public data, and much more. Practical examples and expert tips are found throughout the text to help you fully understand and apply your new knowledge to a wide array of real-world scenarios. This engaging, reader-friendly guide will enable you to: Use Google Data Studio to access various types of data, from your own personal data to public sources Build your first data set, navigate the Data Studio interface, customize reports, and share your work Learn the fundamentals of data visualization, personal data accessibility, and open data API's Harness the power of publicly accessible data services including Google's recently released Data Set Search Add banners, logos, custom graphics, and color palettes Hands On With Google Data Studio: A Data Citizens Survival Guide is a must-have resource for anyone starting their data visualization journey, from individuals, consultants, and small business owners to large business and organization managers and leaders.

Harold Kerzner's essential strategies on measuring project management performance With the growth of complex projects, stakeholder involvement, and advancements in visual-based technology, metrics and KPIs (key performance indicators) are key factors in evaluating project performance. Dashboard reporting systems provide accessible project performance data, and sharing this vital data in a concise and consistent manner is a key communication responsibility of all project managers. This third edition of Kerzner's groundbreaking work, Project Management Metrics, KPIs, and Dashboards: A Guide to Measuring and Monitoring Project Performance, helps functional managers gain a thorough grasp of what metrics and KPIs are and how to use them. Plus, this edition includes new sections on processing dashboard information, portfolio management PMO and metrics, and BI tool flexibility. • Offers comprehensive coverage of the different dashboard types, design issues, and applications Provides full-color dashboards from some of the most successful project management companies, including IBM, Microsoft, and others Aligns with PMI's PMBOK® Guide and stresses value-driven project management PPT decks are available by chapter and a test bank will be available for use in seminar presentations and courses Get ready to bolster your

awareness of what good metrics management really entails today—and be armed with the knowledge to measure performance more effectively.

This book reports on interdisciplinary research and practices in communication, interior, fashion and product design, highlighting strategies for systematizing the design approach in a global, digital world. It gathers a selection of chapters written by the authors of the best articles presented at the 7th EIMAD conference, held online on May 14–15, 2020, from Portugal. The works were chosen for their particular link to contemporary concerns in terms of identity, health and well-being, social inclusion, sustainability, education and environment and, among others. They cover and bridges between important aspects of design education, research and practice, as well as creativity and emerging technology, offering a timely perspective and a source of inspiration to researchers, professionals and educators in design, product development and related fields. Learn to use Excel dashboards and reports to better conceptualize data Updated for all the latest features and capabilities of Excel 2013, this go-to resource provides you with in-depth coverage of the individual functions and tools that can be used to create compelling Excel reports. Veteran author Michael Alexander walks you through the most effective ways to present and report data. Featuring a comprehensive review of a wide array of technical and analytical concepts, this essential guide helps you 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 way that is both visually attractive and effective 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 analysis processes Walks you through creating impressive dashboards, eye-catching visualizations, and real-world What-If analyses Excel Dashboards and Reports, Second Edition is part technical manual, part analytical guidebook, and exactly what you need to become your organization's dashboard dynamo! "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

Bring real business insights to your company through effective and engaging dashboards in QlikView About This Book Build outstanding dashboards that respond to your company's information needs Present the data in efficient and innovative ways to promote insights Unleash the true power of QlikView by creating engaging visualizations Who This Book Is For This book is focused on QlikView developers with basic knowledge of scripting and layouts who want to improve their designing skills and build effective, eye-catching dashboards that deliver tangible value to their business. What You Will Learn Build a comprehensive library of QlikView components to speed up your developments Define a practical roadmap that will help you build business-driven dashboards Explore the most effective and engaging ways to present data Apply the best practices in the field of data visualization Avoid common pitfalls when creating bar, line and pie charts Create robust visualizations such as heat maps, histograms and scatter plots In Detail QlikView is one of the most powerful analytical tools in the market. Based on an in-memory associative model, it lets users freely navigate through the data, spot trends and make better decisions. This platform is capable of integrating a wide range of data sources like ERP systems, data warehouses or spreadsheets into a single application in order display dashboards with state-of-the-art visualizations. Creating Stunning Dashboards with QlikView is an easy to follow handbook that guides you through the process of creating an effective and engaging dashboard that delivers tangible value to the business. It starts with the identification of the business needs and the definition of the main KPIs, and takes you all the way to the application rollout. Throughout the book, you will learn how to apply some of the best practices in the field of data visualization, create a robust navigation schema, chose the best chart types for each scenario and many other things that will help you create effective dashboards that uncover all the stories behind the data. Style and approach This easy-to-follow compilation of best practices, tips, and tricks will help you leverage your QlikView developments. Each section presents practical guidelines to help you create dashboards that are not only functional, but also engaging and compelling.

The Dashboards and Widgets Guide contains instructions for designing and creating MicroStrategy Report Services dashboards, a type of document that is optimized for viewing online and for user interactivity. It builds on the basic concepts about documents presented in the Document Creation Guide.

This book reports on cutting-edge research into innovative system interfaces,

emphasizing both lifecycle development and human–technology interaction, especially in virtual, augmented and mixed-reality systems. It describes advanced methodologies and tools for evaluating and improving interface usability and discusses new models, as well as case studies and good practices. The book addresses the human, hardware, and software factors in the process of developing interfaces for optimizing total system performance, particularly innovative computing technologies for teams dealing with dynamic environments, while minimizing total ownership costs. It also highlights the forces currently shaping the nature of computing and systems, including the need for decreasing hardware costs; the importance of portability, which translates to the modern tendency toward hardware miniaturization and technologies for reducing power requirements; the necessity of a better assimilation of computation in the environment; and social concerns regarding access to computers and systems for people with special needs. The book, which is based on the AHFE 2017 International Conference on Human Factors and System Interactions, held on July 17–21, 2017, in Los Angeles, California, USA, offers a timely survey and practice-oriented guide for systems interface users and developers alike. SAP BusinessObjects Dashboards is a leading Business Intelligence and reporting tool that provides you with a real-time understanding of your business with agile visualizations. Starting with an introduction to Dashboards and its benefits, the book slowly moves on to explain the dashboard creation process. After this, you will learn how to add charts, single-value components, maps, selectors, and other third-party plugins to the existing dashboards. Furthermore, it shares many best practices and will also help you to connect your dashboard to real data by establishing a data connection to a data source. You can also explore more about mobile BI and learn how to create dashboards for mobile devices. By the end of the book, you will be able to prepare, plan, and design interactive dashboards based on your business requirements using this cutting-edge BI tool. R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-

authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Grolemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science with R and the Tidyverse.

This book is designed to accompany the Introduction to Salesforce Analytics - Building Reports and Dashboards class offered by Stony Point. A person reading this book or a student in this class will to build reports and dashboards utilizing basic and advanced concepts . Although the book is designed as a supplement to the class, it contains valuable exercises that will be useful for someone wishing to learn on their own. This online, five hour class is delivered by a live instructor and is specifically designed to teach administrators, business analysts or report writers how to utilize the basic and advanced analytic capabilities of Salesforce. A student in this class or reading this workbook will learn the basic Salesforce object model, and how to create and secure reports and dashboards. The instructor will lead students through exercises to create tabular, summary, matrix and join reports. Students will learn advanced reporting functionality such as charting, report summary fields, bucket fields, conditional highlighting, advanced report filters and building custom report types. Finally, the student will learn how to create and run dashboards and schedule and email reports and dashboards. Each student will be given a practice learning environment to participate in hands-on exercises during the class. The student will be able to use that learning environment indefinitely after the class without any additional fee. Stony Point is a leading provider of Salesforce training for sales people, customer service personnel, marketers, system administrators, developers and consultants. Stony Point delivers public and private classes virtually and in-person at locations throughout the world. Please visit www.stonyp.com for more information on the classes and services offered.

Created in Excel, balanced scorecards enable you to monitor operations and tactics, while operational dashboards is a set of indicators regarding the state of a business metric or process—both features are in high demand for many large organizations. This book serves as the first guide to focus on combining the benefits of balanced scorecards, operational dashboards, performance managements, and data visualization and then implement them in Microsoft Excel.

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. Dashboards have become a popular means to present critical information for rapid monitoring, but few do this effectively. When designed well, dashboards engage the power of visual perception to communicate a dense collection of information efficiently, with exceptional clarity. This can only be achieved, however, by applying visual design skills that address the unique challenges of dashboards. These skills are not intuitive; they must be learned. The author teaches a comprehensive set of effective design practices through examples that reveal what works, what doesn't, and why.
A dashboard is a collection of data visualization tools that provide the means to quickly get an overview of how an organization or a section of an organization is performing. Industries such as sales and manufacturing use dashboards extensively, but dashboards are quickly being adapted across all types of profit and non-profit organizations. THE DESIGN OF INFORMATION DASHBOARDS USING SAS is a nuts and bolts guide to building information dashboards using SAS software. The primary audience for this book is SAS programmers charged with developing dashboards for their organization. This audience would include data managers, report writers, and business analysts. A secondary audience includes business mangers and non-programmers who are just hoping to learn a little more about the potential of the technology. The first four chapters provide background on the science of dashboards and related concepts. The remaining chapters cover coding and design of dashboard elements using SAS software. By providing clear, well-structured examples, the volume shows the reader how to quickly and easily construct basic dashboards that are suitable to their unique needs and environment. SAS users familiar with the basics of SAS and the fundamentals of SAS/GRAPH software will be able to make small changes to the sample code contained in the book to design simple dashboards. Advanced users with more extensive knowledge of SAS/GRAPH and the annotate facility will be able to more fully customize the sample code to fit a variety of needs. CHAPTER DESCRIPTIONS Chapter I. AN INTRODUCTION TO DASHBOARDS The first chapter defines precisely what dashboards are and their common

characteristics. Following a brief history of information dashboards, the chapter discusses their value, as well as some negatives, and describes current use and trends. Finally, the value that SAS contributes to producing the medium is introduced. Chapter II. SEVEN STEPS TO CREATING A DASHBOARD The development of a dashboard often requires a substantial investment of time and money, so designers should do it thoughtfully. The goal of this chapter is to guide the reader through the dashboard development process. The chapter provides an overview of the major steps involved, including preparation, design, construction, and maintenance of dashboards. Chapter III. ESSENTIAL ELEMENTS OF A DASHBOARD When you create your dashboard, several essential elements should be present on the interface to make the dashboard maximally effective. The third chapter covers these essential components of a dashboard. Chapter IV. BEST PRACTICES IN DASHBOARD VISUAL DESIGN This chapter covers the foundations of good dashboard design and addresses the contributions of Edward Tufte and Stephen Few to the area. The chapter delves into the science of visual perception and how to apply them to good dashboard design. Chapter V. CREATING DASHBOARD KEY PERFORMANCE INDICATORS USING SAS The fifth chapter presents a library of effective dashboard display media and discusses how to produce them using SAS coding. Programmers will be able to pick and choose those chart types that are most appropriate for their particular dashboard. Strengths and weaknesses of the various chart types are discussed. This chapter will also introduces new SAS procedures such as PROC GKPI. Chapter VI. ASSEMBLING AND DISTRIBUTING SAS DASHBOARDS This chapter describes how to bring all the visual components together to produce a single dashboard display. PROC GREPLAY, ODSLAYOUT, and ODS TAGSETS are described as the methods of choice. Methods of distributing this output are described. Chapter VII. DESIGING DASHBOARDS USING SAS BI DASHBOARDS The final chapter briefly describes the design of dashboards using SAS BI Dashboards business intelligence software. For a limited time use the following code for 10% off your purchase on this site: F46FRNCS This title is also available for purchase on Amazon.com.

SAP Analytics Cloud is overflowing with visualization options. Charts, tables, drilldowns, geomaps--if you can dream it, you can design and build it. Learn how to create a dashboard for any use case, from acquired data dashboards and responsive mobile dashboards to HR dashboards using SAP SuccessFactors data. Follow step-by-step instructions to structure your data, choose the relevant features, and then implement them. Contains custom-designed dashboards for each chapter! Highlights include: 1) Dashboard design 2) Live data connections 3) Acquired data dashboards 4) Planning dashboards 5) Responsive mobile dashboards 6) SAP SuccessFactors dashboards 7) Qualtrics dashboards 8) R visualizations 9) Analytics designer 10) SAP Digital Boardroom

"Excellent hands-on introduction to Power Bi" "Great way to learn Power BI" Bonus 10 Background templates Version: Nov 2020 Power BI Academy is a

series of short books that help students and professionals improve their Power 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.3 - HR Recruitment, which has over 200 images, you will learn to create a unique 3 pages Dashboard for the Human Resources area. You will 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 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 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. Book details: Skill Level: Beginner Estimated time to complete: 2 hours Be sure to check my other books: Power BI Academy vol.2 - Healthcare Power BI - Business Intelligence Clinic Excel - Business Intelligence Clinic Tableau - Business Intelligence Clinic

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

Power Bi Demystified enables you to master business intelligence and leverage the Power BI toolsets. It covers important concepts such as installation, creating data models, building basic dashboards, as well as visualizations so you make informed business decisions.Whether you are a business owner, analyst, or financial analyst, you would like to collate data easily, analyze it, and share it with your colleague in real-time. You would want to do this with software that is easy to operate and publishes data with good visuals in a way that you can understand. Microsoft Power BI allows you to get data from different sources, analyze it, and gives you insights on how your business performance. You can share workspaces with your colleagues, and they can easily access your

business reports. It makes collaboration easy. In this book, you will find out what Power BI is, the features, the benefits, and the functions. This book also discusses the different versions of Microsoft Power BI - Power BI Server, Power BI Desktop, Power BI Pro, Power BI Premium, and Power BI Report Server. You will get to know the differences between these versions, their features, benefits, and how to set them up. You can operate these Power BI versions both on cloud and on-premise depending on the features of the versions. You can also share your workspace with as many people as you want. You will get to know which Power BI version best suits your company's needs.Power BI also allows you to ask questions about your data and gives you answers to your question. This is due to the artificial intelligence feature. It also provides you the insight you need to make informed decisions that impact your company's bottom line in a positive way. Microsoft Power BI can also integrate with other on-premise apps on your device so as to enable you to collate data easily. It operates with natural language so that you won't need the help of an expert to operate. If you are looking for an upgrade from your Excel, Power BI is the upgrade you need. This book will guide you on everything you need to know about Power BI, and it gives an easy step-by-step guide on how to install, set-up, and use it. Kindly order your copy to know more about this wonderful data intelligence tool!

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