

creating a business dashboard

Creating a Business Dashboard: A Comprehensive Guide

Creating a powerful business dashboard is crucial for effective decision-making and business growth. This comprehensive guide will walk you through the process of designing and implementing a data-driven dashboard tailored to your specific business needs. We'll cover everything from choosing the right metrics to selecting the best dashboard software, empowering you to harness the power of data visualization for improved business performance.

Article Outline:

- I. Understanding the Purpose of a Business Dashboard: Defining key performance indicators (KPIs) and their role in strategic decision-making.
- II. Choosing the Right Metrics for Your Dashboard: Identifying relevant KPIs based on business goals and industry benchmarks.
- III. Selecting a Dashboard Software or Tool: Comparing different options based on features, scalability, and integration capabilities.
- IV. Designing an Effective Dashboard Layout: Principles of effective data visualization and user experience (UX) design for clarity and ease of interpretation.
- V. Data Integration and Automation: Streamlining data collection and ensuring real-time updates for accurate insights.
- VI. Testing, Iteration, and Refinement: Continuously improving the dashboard based on user feedback and evolving business needs.
- VII. Security and Access Control: Implementing robust security measures to protect sensitive business data.

I. Understanding the Purpose of a Business Dashboard

Defining the Purpose of Your Business Dashboard: A Strategic Tool for Success

A business dashboard serves as a centralized hub for visualizing key performance indicators (KPIs), providing a clear and concise overview of your business's performance. It's a strategic tool that enables data-driven decision-making, allowing you to quickly identify trends, potential problems, and opportunities for growth.

Key Performance Indicators (KPIs): The Cornerstones of Effective Dashboards

KPIs are the quantifiable metrics that reflect your business's progress toward its objectives. They should be carefully selected to align with your

overall business goals and provide insights into areas that require attention or celebration.

II. Choosing the Right Metrics for Your Dashboard

Identifying Relevant KPIs Based on Business Goals

The selection of KPIs is crucial. Focus on metrics that directly reflect your business objectives, whether it's increasing revenue, improving customer satisfaction, or optimizing operational efficiency.

Utilizing Industry Benchmarks and Best Practices

Compare your chosen KPIs against industry benchmarks to gain a clearer understanding of your performance relative to your competitors and identify areas for improvement. Benchmarking provides valuable context for interpreting your data.

Balancing Leading and Lagging Indicators

Include both leading indicators (predictive metrics) and lagging indicators (results-oriented metrics) to gain a holistic view of your business's performance. Leading indicators help you anticipate future trends, while lagging indicators reflect past performance.

III. Selecting a Dashboard Software or Tool

Exploring Different Dashboard Software Options

Numerous software options are available, ranging from simple spreadsheet-based solutions to sophisticated enterprise-level platforms. Consider factors like cost, features, ease of use, and integration capabilities.

Comparing Features, Scalability, and Integration Capabilities

Evaluate the software's ability to handle your current data volume and future growth. Ensure it integrates seamlessly with your existing systems to streamline data collection and reporting.

IV. Designing an Effective Dashboard Layout

Principles of Effective Data Visualization: Clarity and Conciseness

Employ clear and concise visualizations like charts, graphs, and gauges to present your data effectively. Avoid clutter and ensure the information is easily digestible at a glance.

User Experience (UX) Design for Easy Interpretation

Design the dashboard with the user in mind. Ensure it is intuitive and easy to navigate, allowing users to quickly find the information they need. Consider using color-coding and clear labeling for improved readability.

V. Data Integration and Automation

Streamlining Data Collection for Real-Time Insights

Implement automated data feeds from various sources to ensure your dashboard displays real-time information. This enables timely decision-making based on the most up-to-date data.

Ensuring Data Accuracy and Reliability

Establish rigorous data validation processes to guarantee the accuracy and reliability of the data presented on your dashboard. Inaccurate data can lead to flawed decisions.

VI. Testing, Iteration, and Refinement

Gathering User Feedback for Continuous Improvement

Regularly solicit feedback from users to identify areas for improvement. This iterative approach ensures the dashboard remains relevant and effective over time.

Adapting to Evolving Business Needs and Objectives

As your business evolves, your dashboard should adapt accordingly. Regularly review and update your KPIs and dashboard design to align with changing priorities.

VII. Security and Access Control

Implementing Robust Security Measures to Protect Sensitive Data

Protect sensitive business data by implementing appropriate security measures, such as access controls, encryption, and regular security audits. Data security is paramount.

Managing User Permissions and Access Levels

Control access to the dashboard based on user roles and responsibilities. This ensures only authorized personnel can view and modify sensitive information.

Conclusion:

Creating a business dashboard is an iterative process that requires careful planning and execution. By following the steps outlined in this guide, you can design a powerful tool that enhances decision-making, improves business performance, and drives strategic growth. Remember to prioritize data accuracy, user experience, and security to maximize the effectiveness of your dashboard.

Frequently Asked Questions (FAQs):

Q: What is the best software for creating a business dashboard? A: The best software depends on your specific needs and budget. Popular options include Tableau, Power BI, Google Data Studio, and others.

Q: How often should I update my business dashboard? A: The frequency of updates depends on the nature of your business and the KPIs you're tracking. Some dashboards may require daily updates, while others may only need weekly or monthly updates.

Q: What are some common mistakes to avoid when creating a business dashboard? A: Common mistakes include selecting irrelevant KPIs, using too much data, poor visualization, and neglecting security.

Q: How do I know if my dashboard is effective? A: An effective dashboard provides clear, concise insights that lead to informed decisions and improved business outcomes. Regularly evaluate its impact on decision-making.

Related Keywords:

Business dashboard, KPI dashboard, data visualization, business intelligence, data analytics, dashboard software, performance monitoring, reporting dashboard, key performance indicators, data dashboard, business analytics, reporting tools, data visualization tools, dashboard design, effective dashboards, create a dashboard, build a dashboard.

creating a business dashboard: Business Dashboards Nils H. Rasmussen, Manish Bansal, Claire Y. Chen, 2009-03-27 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.

creating a business dashboard: The Big Book of Dashboards Steve Wexler, Jeffrey Shaffer, Andy Cotgreave, 2017-04-24 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.

creating a business dashboard: Information Dashboard Design Stephen Few, 2006 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 of California 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.

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Enterprise Dashboards: Design and Best Practices for IT is a one-stop resource of methodology and best practices for this dynamic and relevant information platform, packed with charts, reports, visual indicators, and alert mechanisms, all consolidated in a rich computer interface. This powerful book is both a guide and a handbook. It helps business leaders understand dashboarding while considering dashboards for their information needs and outlines a tested and proven, step-by-step implementation framework. *Enterprise Dashboards* covers strategies, vendor selections, execution steps, project milestones, dashboard types, case studies contributed by DaimlerChrysler, Emergency Medical Associates, and ING Direct, and more. *Enterprise Dashboards: Design and Best Practices for IT* is the perfect tool to help COOs, CIOs, CFOs, CTOs, IT managers, business intelligence managers, information analysts, and software consultants be successful at dashboard implementation.

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Tips, techniques, and trends on how to use dashboard technology to optimize business performance Business performance management is a hot new management discipline that delivers tremendous value when supported by information technology. Through case studies and industry research, this book shows how leading companies are using performance dashboards to execute strategy, optimize business processes, and improve performance. Wayne W. Eckerson (Hingham, MA) is the Director of Research for The Data Warehousing Institute (TDWI), the leading association of business intelligence and data warehousing professionals worldwide that provide high-quality, in-depth education, training, and research. He is a columnist for *SearchCIO.com*, *DM Review*, *Application Development Trends*, the *Business Intelligence Journal*, and *TDWI Case Studies & Solution*.

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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

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Written by a member of Microsoft's Power BI team, this resource 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.

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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.

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p>Objective, data-driven feedback is the best way to increase motivation, improve decision-making, and create a sense of ownership among employees. Imagine building a workplace where everyone from the CEO down is inspired to perform at their best. What if you, as a leader, could focus on your highest and best use, empowering (rather than micromanaging) employees while maintaining clear visibility into your business? We're in the midst of a data revolution, and the most successful companies are using data to outpace their competitors. Top-down power structures are no longer the hallmark of successful companies. Industry leaders like HubSpot, Spiceworks, and Starbucks are embracing transparency. Join today's leading companies with The Dashboard Effect, where visibility into performance metrics puts your strategies into action. As with athletes, when each employee can see the scoreboard, their shared mission becomes crystal clear. Let your data do the work of bringing everyone into the proverbial boardroom, giving your most valuable asset the visibility needed to make the right decisions and focus on the right priorities. Most business data (as much as 99 percent) is left unused. This book shows you how use that data to touch the right nerve and dramatically improve your outcomes. You already have the data. It's time to put it to work and transform your company.

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Abhishek Agarwal, 2019-03-19 A step-by-step approach to building stunning dashboards with QlikView Key Features Perform effective storytelling through interactive dashboards built with QlikView Create different types of visualizations from a variety of data sources Includes tips, tricks, and best practices to perform effective Business Intelligence using QlikView Book Description QlikView is one of the market leaders when it comes to building effective Business Intelligence solutions. This book will show how you can leverage its power to build your own dashboards to tell your own data story. The book starts with showing you how to connect your data to QlikView and create your own QlikView application. You will learn how to add data from multiple sources, create a data model by joining data, and then review it on the front end. You will work with QlikView components such as charts, list boxes, input boxes, and text objects to create stunning visualizations that help give actionable business insights. You will also learn how to perform analysis on your data in QlikView and master the various types of security measures to be taken in QlikView. By the end of this book, you will have all the essential knowledge required for insightful data storytelling and creating useful BI dashboards using QlikView. What you will learn Learn to use the latest and newest features of QlikView Connect QlikView to various data sources, such as databases and websites Create a fully featured data model without circular references Display your data in maps, charts, and text across multiple sheets Apply set analysis to your data in QlikView expressions Secure your data based on the various audience types Who this book is for This book is best suited for BI professionals, data analysts and budding QlikView developers who wish to build effective dashboards using QlikView. Some basic understanding of the data visualization concepts and Business Intelligence is required.

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Bertram, James Charlton, Nina Hollender, Melanie Holzapfel, Nico Licht, Carmen Paduraru, 2021-07-28 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

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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

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Learn Tableau by working through concrete examples and issues that you are likely to face in your day-to-day work. Author Shankar Arul starts by teaching you the fundamentals of data analytics before moving on to the core concepts of Tableau. You will learn how to create calculated fields, and about the currently available calculation functionalities in Tableau, including Basic Expressions, Level of Detail (LOD) Expressions, and Table Calculations. As the book progresses, you'll be walked through comparisons and trend calculations using tables. A concluding chapter on dashboarding will show you how to build actionable dashboards to communicate analysis and visualizations. You'll also see how Tableau can complement and communicate with Excel. After completing this book, you will be ready to tackle the challenges of data analytics using Tableau without getting bogged down by the technicalities of the tool. What Will You Learn Master the core concepts of Tableau Automate and simplify dashboards to help business users Understand the basics of data visualization techniques Leverage powerful features such as parameters, table calculations, level of detail expressions, and more Who is This book For Business analysts, data analysts, as well as financial analysts.

creating a business dashboard: Information Dashboard Design Stephen Few, 2013

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.

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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.

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with Tableau 10, and covers basic to advanced use cases and scenarios. The book starts with building basic charts in Tableau and moves on to building more complex charts by incorporating different Tableau features and interactivity components. There is an entire chapter dedicated to dashboard techniques and best practices. A number of recipes specifically for geospatial visualization, analytics, and data preparation are also covered. By the end of this book, you'll have gained confidence and competence to analyze and communicate data and insights more efficiently and effectively by creating compelling interactive charts, dashboards, and stories in Tableau. Style and approach This book is a collection of independent recipes that cover a wide range of options for data visualization on offer with Tableau. With the help of the recipes in this book, you can explore Tableau and pick the business intelligence solution that's best suited for your needs.

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Analyze large amounts of data and report their data in a meaningful way
Get better visibility into data from different perspectives
Quickly slice data into various views on the fly
Automate redundant reporting and analyses
Create impressive dashboards and What-If analyses
Understand the fundamentals of effective visualization
Visualize performance comparisons
Visualize changes and trends over time

creating a business dashboard: ***Building Performance Dashboards and Balanced Scorecards with SQL Server Reporting Services*** Christopher Price, Adam Jorgensen, Devin Knight, 2013-11-04 Discover how to maintain and update balanced scorecards and performance dashboards with SQL Server Reporting Services Complementing the bestselling *Balanced Scorecards and Operational Dashboards with Microsoft Excel* (9780470386811), this indispensable book shows you how to create maintainable and dynamically updated scorecards and performance

dashboards using Microsoft's premier reporting tool for the enterprise: SQL Server Reporting Services. The book begins with coverage of performance management methods and metrics and then moves on to introduce you to techniques for developing and delivering both a dashboard and balanced scorecard using Reporting Services. The authors assume very limited knowledge of Reporting Services, allowing you to gradually progress through more advanced topics and solutions. Shows you how to build a simple dashboard and balanced scorecard utilizing helpful examples Discusses formatting controls and labels, paging, and conditional formatting Introduces the skills necessary to make Reporting Services dashboards and scorecards interactive Covers the visual aspect of dashboards and scorecards and shows how to design and implement dashboards and scorecards in Reporting Services for mobile devices Explains how to apply the techniques covered earlier in the book for specific business applications This book sets itself apart from other titles with its comprehensive and invaluable coverage of key strategies and techniques for effectively using SQL Reporting Services to create scorecards and dashboards.

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modules, like QtLocation, QtWebEngine, and the networking module through the course of the book. Finally, we will focus on cross-platform development with QT 5 that enables you to code once and run it everywhere, including mobile platforms. By the end of this book, you will have successfully learned about high-end GUI applications and will be capable of building many more powerful, cross-platform applications. What you will learn

- Implement tools provided by Qt 5 to design a beautiful GUI
- Understand different types of graphs and charts supported by Qt 5
- Create a web browser using the Qt 5 WebEngine module and web view widget
- Connect to the MySQL database and display data obtained from it onto the Qt 5 GUI
- Incorporate the Qt 5 multimedia and networking module in your application
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Who this book is for This book will appeal to developers and programmers who would like to build GUI-based applications. Basic knowledge of C++ is necessary and the basics of Qt would be helpful.

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Key Features Extract, combine, transform, and visualize your data to derive business insights using CRM Analytics Gain hands-on experience as you walk through practical dashboard use cases in CRM Analytics Learn how to build best-in-class dashboards from a CRM Analytics thought leader

Book Description CRM Analytics, formerly known as Tableau CRM and Einstein Analytics, is a powerful and versatile data analytics platform that enables organizations to extract, combine, transform, and visualize their data to create valuable business insights. Creating Actionable Insights Using CRM Analytics provides a hands-on approach to CRM Analytics implementation and associated methodologies that will have you up and running and productive in no time. The book provides you with detailed explanations of essential concepts to help you to gain confidence and become competent in using the CRM Analytics platform for data extraction, combination, transformation, visualization, and action. As you make progress, you'll understand what CRM Analytics is and where it provides business value. You'll also learn how to bring your data together in CRM Analytics, build datasets and lenses for data analysis, create effective analytics dashboards for visualization and consumption by end users, and build dashboard actions that take the user from data to insight to action with ease. By the end of this book, you'll be able to solve business problems using CRM Analytics and design, build, test, and deploy analytics dashboards efficiently. What you will learn

- Implement and configure CRM Analytics from scratch
- Build your first CRM Analytics app and embed your CRM Analytics dashboards in Salesforce to enhance user adoption
- Connect Salesforce and external data with CRM Analytics and create datasets
- Create a data recipe and get familiar with the recipe UI
- Build a custom dashboard in CRM Analytics using the dashboard editor
- Use lenses to create a CRM Analytics dashboard
- Configure and implement data security and governance
- Build configured record actions to automate data directly in Salesforce

Who this book is for This book is for data analysts, business analysts, BI professionals, and Salesforce users who want to explore CRM Analytics' capabilities and features. Basic knowledge of Salesforce and data analytics is assumed to get the most out of this book.

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Key Features Master all the dashboarding and reporting features of Microsoft Power BI Combine data from multiple sources, create stunning visualizations and publish your reports across multiple platforms

A comprehensive guide with real-world use cases and examples demonstrating how you can get the best out of Microsoft Power BI

Book Description This book is intended for business intelligence professionals responsible for the design and development of Power BI content as well as managers, architects and administrators who oversee Power BI projects and deployments. The chapters flow from the planning of a Power BI project through the development and distribution of content to the administration of Power BI for an organization. BI developers will learn how to create sustainable and impactful Power BI datasets, reports, and dashboards. This includes connecting to

data sources, shaping and enhancing source data, and developing an analytical data model. Additionally, top report and dashboard design practices are described using features such as Bookmarks and the Power KPI visual. BI managers will learn how Power BI's tools work together such as with the On-premises data gateway and how content can be staged and securely distributed via Apps. Additionally, both the Power BI Report Server and Power BI Premium are reviewed. By the end of this book, you will be confident in creating effective charts, tables, reports or dashboards for any kind of data using the tools and techniques in Microsoft Power BI. What you will learn Build efficient data retrieval and transformation processes with the Power Query M Language Design scalable, user-friendly DirectQuery and Import Data Models Develop visually rich, immersive, and interactive reports and dashboards Maintain version control and stage deployments across development, test, and production environments Manage and monitor the Power BI Service and the On-premises data gateway Develop a fully on-premise solution with the Power BI Report Server Scale up a Power BI solution via Power BI Premium capacity and migration to Azure Analysis Services or SQL Server Analysis Services Who this book is for Business Intelligence professionals and existing Power BI users looking to master Power BI for all their data visualization and dashboarding needs will find this book to be useful. While understanding of the basic BI concepts is required, some exposure to Microsoft Power BI will be helpful.

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