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# Project Management Visual Dashboard

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Performance Dashboards  
Big Data Visualization  
Tableau: Creating Interactive Data Visualizations  
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The Big Book of Dashboards  
Enterprise Dashboards  
Visual Control A Complete Guide - 2020 Edition  
Complete Guide to Digital Project Management  
Information Dashboard Design  
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Metric Dashboards for Operations and Supply Chain Excellence  
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Visual Project Management  
The Project Managers Guide to Microsoft Project 2019  
Information Dashboard Design

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## DAISY MATHEWS

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*Performance Dashboards* John Wiley & Sons

Hybrid Project Management A how-to guide for leaders of hybrid projects that covers technical and leadership principles across the project delivery spectrum. Hybrid Project Management offers practical guidance for combining waterfall and adaptive (Agile) project management approaches. This helpful guide includes advice on when to use each approach and how various methods can be combined and customized to meet the needs of projects and stakeholders. A sample case study demonstrates how to apply the concepts described throughout the text. An exciting new title from bestselling author Cyndi Snyder Dionisio on a top trending topic in the field, sample topics covered in Hybrid Project Management include: Variables to consider when choosing a development approach Project roles such as sponsors, product owners, project managers, scrum masters, and the project team Launching a hybrid project (vision statements and charters) and structuring the project (development approach, delivery cadence, lifecycle, and roadmap) Project scope requirements, backlogs, and user stories Hybrid scheduling that combines Gantt charts and release plans Leadership in a hybrid project, covering servant leadership, bias, critical thinking, emotional intelligence, motivation, and developing high-performing teams Managing risk on hybrid projects including estimating reserve and using a risk-adjusted backlog Identifying metrics and reports for predictive and adaptive project work, such as burn charts, variance analysis, forecasts, and cumulative flow diagrams With over fifty percent of projects today being managed using a hybrid approach, Hybrid Project Management serves as an important guide to hybrid project management methods for project management professionals and academia. It is an invaluable resource for understanding the approach and effectively implementing it for better outcomes.

**Big Data Visualization** "O'Reilly Media, Inc."

Learn Microsoft Project 2019 from the perspective of the project manager. This guide is an all-in-one training resource and reference that covers all versions found in the Microsoft Project 2019 suite. It is not a "how-to" manual covering the features and functions of the software, but is designed to explain and demonstrate why those features and functions are important to you as a project manager, allowing you to maximize the value of Microsoft Project 2019. Each aspect of project-manager-specific coverage was selectively compiled by author and Microsoft Project expert Cicala over more than two decades of consulting, project management training, and managing real-world projects using Microsoft Project. Readers will appreciate the robust index and intuitively organized and learning-oriented chapters, and sub-sections for quick reference and problem solving. "Try it" exercises at the close of every chapter help ensure understanding of the content. What You Will Learn Understand key components to the Microsoft Project 2019 solution Reinforce learning via hands-on exercises with step-by-step illustrations Build a plan and work breakdown structure, and manage resources and assignments Utilize enterprise project management for creating a project, monitoring, controlling, and tracking Export and communicate project information to an external

audience Who This Book Is For Project managers with limited time and resources who need to maximize their efficiency with Microsoft Project Answer keys and supporting PowerPoint slides are available for academic instructors upon request.

*Tableau: Creating Interactive Data Visualizations* John Wiley & Sons

Project Management Metrics, KPIs, and Dashboards John Wiley & Sons

*Performance Dashboards* John Wiley & Sons

Illustrate your data in a more interactive way by implementing data visualization principles and creating visual stories using Tableau About This Book Use data visualization principles to help you to design dashboards that enlighten and support business decisions Integrate your data to provide mashed-up dashboards Connect to various data sources and understand what data is appropriate for Tableau Public Understand chart types and when to use specific chart types with different types of data Who This Book Is For Data scientists who have just started using Tableau and want to build on the skills using practical examples. Familiarity with previous versions of Tableau will be helpful, but not necessary. What You Will Learn Customize your designs to meet the needs of your business using Tableau Use Tableau to prototype, develop, and deploy the final dashboard Create filled maps and use any shape file Discover features of Tableau Public, from basic to advanced Build geographic maps to bring context to data Create filters and actions to allow greater interactivity to Tableau Public visualizations and dashboards Publish and embed Tableau visualizations and dashboards in articles In Detail With increasing interest for data visualization in the media, businesses are looking to create effective dashboards that engage as well as communicate the truth of data. Tableau makes data accessible to everyone, and is a great way of sharing enterprise dashboards across the business. Tableau is a revolutionary toolkit that lets you simply and effectively create high-quality data visualizations. This course starts with making you familiar with its features and enable you to develop and enhance your dashboard skills, starting with an overview of what dashboard is, followed by how you can collect data using various mathematical formulas. Next, you'll learn to filter and group data, as well as how to use various functions to present the data in an appealing and accurate way. In the first module, you will learn how to use the key advanced string functions to play with data and images. You will be walked through the various features of Tableau including dual axes, scatterplot matrices, heat maps, and sizing. In the second module, you'll start with getting your data into Tableau, move onto generating progressively complex graphics, and end with the finishing touches and packaging your work for distribution. This module is filled with practical examples to help you create filled maps, use custom markers, add slider selectors, and create dashboards. You will learn how to manipulate data in various ways by applying various filters, logic, and calculating various aggregate measures. Finally, in the third module, you learn about Tableau Public using which allows readers to explore data associations in multiple-sourced public data, and uses state-of-the-art dashboard and chart graphics to immerse the users in an interactive experience. In this module, the readers can quickly gain confidence in understanding and expanding their visualization, creation knowledge, and quickly create interesting, interactive data visualizations to bring a richness and vibrancy to complex articles. The course provides a great overview for beginner to intermediate

Tableau users, and covers the creation of data visualizations of varying complexities. Style and approach The approach will be a combined perspective, wherein we start by performing some basic recipes and move on to some advanced ones. Finally, we perform some advanced analytics and create appealing and insightful data stories using Tableau Public in a step-by-step manner.

**Project Management Best Practices** Springer Publishing Company

In *Visuals Matter!*, the result of a two-year research project funded by the Project Management Institute and University College London, authors Joana Geraldi and Mario Arlt explore the impact of visuals on cognition and communication in project portfolio decisions. Their goal is to increase project practitioners' and scholars' awareness about how important visuals can be and to provide guidance on how visuals can be used and designed to enhance business.

**Project Management Metrics, KPIs, and Dashboards** Springer

"This book provides an important roadmap to assist nursing professionals, indeed all healthcare professionals, to achieving maximum benefits in patient care delivery through the application of technology and information science to clinical care." -Joyce J. Fitzpatrick, PhD, MBA, RN FAAN Elizabeth Brooks Ford Professor Nursing Frances Payne Bolton School of Nursing Case Western Reserve University Data and technology factor more heavily than ever on quality patient care in today's healthcare system. As technology increases in complexity and scope, involving more healthcare roles and types of data analysis, so does the demand for project management and astute leadership. Among other responsibilities, Nurse Informatics Specialists (NIS) manage and implement technology initiatives so clinicians' workflow is more efficient, which improves patient care, and the bottom line. To accomplish these goals, it is essential that the NIS has excellent Project Management skills. Written for graduate nursing students, *Project Management in Nursing Informatics* provides core project management skills for Informatics students. This text gives students project management examples using realistic healthcare case scenarios. Chapters describe nursing informatics competencies and project management concepts that will be essential for clinical practicum and practical experience. Case scenarios show the consequences of right and wrong processes and highlight factors that lead to success. With plenty of chapter activities, exercises, and tasks, this text pushes the written concepts into practical realities for the NIS. Key Features Incorporates key concepts in defining scope, tracking budget, and meeting deliverables within the expected timeline Features cases with real-world scenarios Contains templates to monitor and track multiple projects Provides tools to manage, track, and complete a capstone project Presents a basic review of key nursing informatics competencies and its relationship in designing a capstone project Workflow analysis, concept mapping, data specification, collection and analysis Accompanied by Instructor's PowerPoints

**Evolving Toolbox for Complex Project Management** John Wiley & Sons

The topic of project management is truly an evolution of art seeking science. This activity involves balancing project objectives against the constraints of time, budget, and quality. Achieving this balance requires skill, experience, along with the use of many tools, and techniques which are the focus of this book. This new edition provides updated content to incorporate examples from Microsoft Project 2016 and material from the Project Management Body of Knowledge (PMBOK® Guide), sixth edition. The chapter structure includes step-by-step instructions regarding the basic

mechanics and various software tools that can be used to assist in the processes. To reinforce the textbook's learning objectives, extra material is provided on the textbook website. This includes mechanical tool examples and lab assignments representative of the chapter topics. An external video tutorial library is available to help with various mechanics related to Microsoft Project mechanics. An instructor manual is available for qualifying adoptions for classroom use. NOTE: Chapter 26 is not in the textbook and is only located in the book's Downloads tab on the CRCPress.com website. Features Illustrates the use of Microsoft Project throughout the project life cycle Offers templates as productivity enhancement tools Includes supplemental material for students and instructors Provides assignments for hands-on experience Follows the PMI PMBOK® Guide model structure that will support a better understanding of the model and help prepare students for PMP and CAPM certification Illustrates both traditional and contemporary management techniques

**Hybrid Project Management** BPB Publications

Get a 360-degree view of digital project management. Learn proven best practices from case studies and real-world scenarios. A variety of project management tools, templates, models, and frameworks are covered. This book provides an in-depth view of digital project management from initiation to execution to monitoring and maintenance. Covering end-to-end topics from pre-sales to post-production, the book explores project management from various dimensions. Each core concept is complemented by case studies and real-world scenarios. The Complete Guide to Digital Project Management provides valuable tools for your use such as: Frameworks: governance, quality, knowledge transfer, root cause analysis, digital product evaluation, digital consulting, estimation Templates: estimation, staffing, resource induction, RACI Models: governance, estimation, pricing, digital maturity continuous execution, earned value management and effort forecast Metrics: project management, quality What You'll Learn Study best practices and failure scenarios in digital projects, including common challenges, recurring problem themes, and leading indicators of project failures Explore an in-depth discussion of topics related to project quality and project governance Understand Agile and Scrum practices for Agile execution See how to apply Quality Management in digital projects, including a quality strategy, a quality framework, achieving quality in various project phases, and quality best practices Be able to use proven metrics and KPIs to track, monitor, and measure project performance Discover upcoming trends and innovations in digital project management Read more than 20 real-world scenarios in digital project management with proven best practices to handle the scenarios, and a chapter on a digital transformation case study Who This Book Is For Software project managers, software program managers, account managers, software architects, lead developers, and digital enthusiasts

**Enterprise Architect's Handbook** John Wiley & Sons

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.

#### **Visuals Matter!** Apress

Over the last decade Lean and Six Sigma methods and tools have helped organizations improve to historic productivity levels with the data driven, systematic elimination of waste and improvement of flow. Today many organizations have enjoyed the benefits of Lean and Six sigma initiatives, and are looking more to sustain the gains, and aggressively drive a systematic and on-going approach to improvement and problem solving. The concept of diminishing returns applies here, when in the early stages, organizations were able to find "low-hanging fruit" and to quickly make significant improvements. Now the easy work is done, and organizations need a simple yet systematic approach to continuing their continuous improvement efforts. Operations and supply chain leaders will benefit from this book by developing a clear understanding of why and how metric scorecards and dashboards can be used as a powerful data driven improvement tool. This book illustrates visual management, scorecards, and dashboards for a full range of organizations, and focuses on Operations and Supply Chain Management areas. By covering these tools in these environments in a story book format, organization leaders can begin to understand how these methods and tools can be applied in their organizations.

#### **Project Portfolio Management** John Wiley & Sons

PROJECT MANAGEMENT THE NEWEST EDITION OF THE #1 PROJECT MANAGEMENT GUIDE FOR STUDENTS AND PROFESSIONALS In the newly revised 13th Edition of Project Management: A Systems Approach to Planning, Scheduling, and Controlling, project management pioneer, leader, and educator Dr. Harold Kerzner delivers a comprehensive and intuitive approach to project management. Widely known as the bestselling "bible" of project management, this book aligns with the concepts and standards outlined in PMI's latest A Guide to the Project Management Body of Knowledge, (PMBOK® Guide) and contains the detailed coverage of tools and methods used at all stages of a project. New content added to this 13th Edition includes project health checks, the continued growth of strategic project management, new business models, lean project management, artificial intelligence, and the use of new metrics and KPIs. Supplementary material for academic and corporate instructors, students, and practicing project managers can be found on the book's companion website. A thorough introduction to project management concepts, like project success definition, the role of the project manager, working with executives, and project classification Comprehensive explorations of the evolution and growth of project management, organizational structures, staffing a project team, and management functions Practical discussions

of communications management, conflicts, project planning, network scheduling techniques, and pricing and estimation In-depth examinations of cost control, metrics and KPIs, and risk, contract, and quality management Perfect for students and scholars of project management in business and engineering programs, Project Management: A Systems Approach to Planning, Scheduling, and Controlling will also earn a place in the libraries of anyone studying for the PMP® exam, as well as practicing project managers, project consultants, and trainers.

#### **Project Management 2.0** 5starcooks

Written by ten successful project portfolio managers from companies including AAA, Boeing, Franklin Templeton, Johnson & Johnson, Safeway, and the UK Government, this easy-to-follow guide takes you through the project portfolio management process. It's based on what actually works, giving you a clear road map and the tools needed to determine the optimal mix and sequencing of projects in order to meet your organization's goals. The book begins by explaining basic PPM principles and why PPM is more critical than ever for business success. This introduction is followed by a story, tracking the experiences of a manager new to PPM as he discovers the issues that all of us face in trying to get traction with our PPM initiatives. In answering the questions our story raises, the book then details each step of the PPM process, using cases and examples drawn from the authors' first hand experience to help you address such key questions as: Which projects should our organization invest in? How can we optimize our organization's capacity? How well are we executing the PPM process? Can our organization absorb all the changes that our PPM plan requires? Are we achieving all the expected benefits? The authors are all members of the Enterprise Portfolio Management Council, a group of senior portfolio management executives dedicated to helping organizations develop their own portfolio management capabilities. Now you can benefit from their collective wisdom and experience, and duplicate their successful results within your own organization.

#### **Project Management Tools and Techniques** Packt Publishing Ltd

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.

#### **The Big Book of Dashboards** John Wiley & Sons

Project Management in Product Development: Leadership Skills and Management Techniques to Deliver Great Products is written for new and aspiring project managers in product development. Although texts on project management are common, the material presented here is unique, instead focusing on product development, a challenging segment of project management because of the high level of uncertainty, the need for a robust set of problem-solving techniques, and a demand for broad cross-functional teams. The book also focuses on more than just project management techniques, including a thorough treatment of transformational and transactional leadership. Other

topics covered include problem-solving techniques, development, and continuous improvement of processes required in product development, risk recognition and management, and proper communication with managers and other stakeholders. Finally, project management techniques used in product development are presented, including the critical path method, scrum and XP, and Kanban/lean project development, along with the strengths and weaknesses of each. Provides ways to successfully manage product development projects by teaching traditional and advanced project management techniques like Gantt, CPM, Agile, Lean, and others Covers transformational and transactional leadership, how to create a vision and engage the team, as well as tactics on how to manage a complex set of tasks Uses a practical, common sense approach to the day-to-day activities of a project manager, including project planning, project process development, problem-solving, project portfolio management, reporting, and more Presents a thorough comparison of popular project management tools Includes many examples, cases, and side-bars that are included throughout the book

Enterprise Dashboards CRC Press

The comprehensive guide to project management implementation, updated with the latest in the field Project management has spread beyond the IT world to become a critical part of business in every sphere; built on efficiency, analysis, and codified practice, professional project management leads to the sort of reproducible results and reliable processes that make a business successful. Project Management Best Practices provides implementation guidance for every phase of a project, based on the real-world methodologies from leading companies around the globe. Updated to align with the industry's latest best practices, this new Fourth Edition includes new discussion on Agile and Scrum, tradeoffs and constraints, Portfolio PMO tools, and much more. Get up-to-date information on the latest best practices that add value at every level of an organization Gain insight from more than 50 project managers at world-class organizations including Airbus, Heineken, RTA, IBM, Hewlett-Packard, Sony, Cisco, Nokia, and more Delve deeper into implementation guidance for Agile, Scrum, and Six Sigma Explore more efficient methodologies, training, measurement, and metrics that boost organization-wide performance Adopt new approaches to culture and behavioral excellence, including conflict resolution, situational leadership, proactive management, staffing, and more Ideal for both college and corporate training, this book is accompanied by an Instructor's Manual and PowerPoint lecture slides that bring project management concepts right into the classroom. As the field continues to grow and evolve, it becomes increasingly important to stay current with new and established practices; this book provides comprehensive guidance on every aspect of project management, with invaluable real-world insight from leaders in the field.

Visual Control A Complete Guide - 2020 Edition Routledge

This book provides students with an in-depth understanding of the concepts, frameworks and processes used to analyze and present visual data for better decision-making. Expert contributors provide guidance in translating complex concepts from large data sets and how this translation drives management practice. The book's first part provides a descriptive consideration of state-of-the-art science in visual design. The second part complements the first with a rich set of cases and visual examples, illustrating development and best practice to provide students with real-world context. Through their presentation of modern scientific principles, the editors inspire structured

discussions of audience and design, recognizing differences in need, bias and effective processes across contexts and stakeholders. This cutting-edge resource will be of value to students in business analytics, business communication and management science classes, who will learn to be capable managers through the effective and direct visual communication of data. Researchers and practitioners will also find this an engaging and informative book.

**Complete Guide to Digital Project Management** John Wiley & Sons

Get connected and improve outcomes with a more modern approach to project management Project Management 2.0 tackles the new emerging approach and toolset for practicing project management in a virtual world. Author Harold Kerzner is recognized as the thought leader in project management, and in this book, he shows how PM 2.0 offers better outcomes with a focus on new tools, better governance, improved collaboration, and more meaningful reporting using KPIs, metrics, and dashboards. This full color guide explores the impact PM 2.0 changes are having on organizations around the world, and provides a detailed comparison with PM 1.0 to help practitioners adopt new techniques and tools to use within their existing project management approach. At its core, PM 2.0 recognizes that a new generation of workers grew up in a Web 2.0 world of web-based project management tools that allow virtual or distributed teams to work together much more closely than in the past. Advances in technology and information flow have shown that traditional project management techniques are ineffective for many of today's projects. This book offers an alternative with PM 2.0, an updated approach that aligns more closely with the modern workflow. Discover the new project management tools that are changing the workflow Learn how to improve collaboration with stakeholders Explore new ideas and processes for better project governance Achieve more meaningful information reporting with traditional tools Project management is an integral component of successful business operations. With today's technology, teams are no longer limited by distance or time zones – so why are they being managed with approaches that are? This book provides a framework more relevant to the way people work today. For the project manager looking to increase efficiency and improve outcomes, Project Management 2.0 provides the information and tools that can make it happen.

**Information Dashboard Design** Project Management Metrics, KPIs, and Dashboards

Today's project manager has more to manage than just project scope, deliverables, communications and teams. They are also expected to manage large volumes of project-related data. And the expectation goes beyond just managing the data. It extends into creating great visualizations that allow stakeholders to fully digest that large volume of data in a manner that is quick, effective and clear. They are also expected to serve as facilitators in the use of visual thinking tools as a method for working through project issues, risks and problems. These new expectations require new skills. The era of multi-page, text-based project status reporting is over. The era of visual project management is here. Time to "skill up!"

**Performance Dashboards** John Wiley & Sons

Refer to this invaluable how-to guide for basic training on Salesforce Lightning. Salespeople and technical users and consultants will no longer have to resort to learning the interface on their own, which is very time consuming. Learn Salesforce Lightning is a step-by-step visual guide that offers immediate and valuable solutions to the new set of UI tools included in Lightning. With chapters

broken down into easily absorbed topics, you walk through the entire process of managing your daily activities within Salesforce, as well as basic customizations and system management. The book explains the primary use cases for Lightning, and simplifies some of the more complex features, such as opportunity stage management and the new dashboard builder. Topics covered include: Sales and service management Lightning Apps on the AppExchange Lightning dashboards and reports Lightning security Lightning Process Builder and more What You'll Learn Navigate the Salesforce Lightning interface Know where to go in the setup area to make customizations Create dynamic reports and dashboards View Lightning on a mobile device Train other users on common day-to-day activities within Lightning Who This Book Is for Salespeople, managers, and executives who are currently evaluating Salesforce.com, who recently purchased a license with Salesforce.com, or recently upgraded to the Lightning user interface. This book is also for Salesforce administrators, consultants, project managers, and technical users looking for basic training on Salesforce Lightning. **SharePoint for Project Management** Packt Publishing Ltd

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This book discusses the integrated concepts of statistical quality engineering and management tools. It will help readers to understand and apply the concepts of quality through project management and technical analysis, using statistical methods. Prepared in a ready-to-use form, the text will equip practitioners to implement the Six Sigma principles in projects. The concepts discussed are all critically assessed and explained, allowing them to be practically applied in managerial decision-making, and in each chapter, the objectives and connections to the rest of the work are clearly illustrated. To aid in understanding, the book includes a wealth of tables, graphs, descriptions and checklists, as well as charts and plots, worked-out examples and exercises. Perhaps the most unique feature of the book is its approach, using statistical tools, to explain the science behind Six Sigma project management and integrated in engineering concepts. The material on quality engineering and statistical management tools offers valuable support for undergraduate, postgraduate and research students. The book can also serve as a concise guide for Six Sigma professionals, Green Belt, Black Belt and Master Black Belt trainers.