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SAP Analysis for Microsoft Office--Practical Guide **SAP Business Analytics SAP BI Analysis Office - a Practical Guide Controlling-profitability Analysis with SAP Enterprise Management with SAP SEMTM / Business Analytics Enterprise Management with SAP SEM™/ Business Analytics Financial Planning and Analysis with SAP First Steps in SAP Predictive Analytics Reporting and Analysis with SAP BusinessObjects Manufacturing Performance Management using SAP OEE Real Time Analytics with SAP HANA Practical Data Science with SAP Learning SAP Analytics Cloud Practical Guide to SAP HANA and Big Data Analytics SAP Implementing SAP® CRM Profitability Analysis with SAP S/4hana Mastering the SAP Business Information Warehouse Value Flows into SAP Margin Analysis (CO-PA) in S/4HANA IBM Software for SAP Solutions SAP Analytics Cloud SAP Predictive Analytics SAP Bw/4hana 2.0 SAP Business Intelligence Quick Start Guide Leveraging SAP GRC in the Fight Against Corruption and Fraud SAP S/4HANA Embedded Analytics Architecting Solutions with SAP Business Technology Platform Practical Data Science with SAP Embedded Analytics in SAP S/4HANA Predictive Analysis with SAP SAP NetWeaver For Dummies Practical Guide to SAP S/4HANA Controlling SAP Analytics Cloud: Financial Planning and Analysis SAP Analytics Cloud Introducing Financial Planning and Analysis with SAP Analytics Cloud SAP HANA 2.0 Designing Dashboards with SAP Analytics Cloud RISE with SAP towards a Sustainable Enterprise The SAP HANA Project Guide Production Variance Analysis in SAP S/4HANA**

Curious about how to leverage SAP Predictive Analytics (SAP PA) to effectively mine data and unearth trends, patterns, and relationships? In

this book written for users and analysts, readers will explore the foundations of SAP Predictive Analytics. Review the architectural underpinnings and technical components that make up SAP PA. Explore how SAP PA works with SAP HANA. Walk through the installation steps and learn the differences between the desktop and enterprise versions. Explore SAP PA modules and components, including the predictive analytical library (PAL), the application function library (AFL), and the SAP HANA automated predictive library (APL). Leverage the data manager and learn how to create an event log aggregation. Get tips for performing text analysis and take an in depth look at automated analytics, including Expert Analytics. Dive into a sales and pipeline forecasting example using specific SAP PA functions and algorithms. By using practical examples, tips, and screenshots, this book explores:

- SAP PA architecture and technical components
- How SAP PA works with SAP HANA
- Core SAP PA modules and components
- Detailed sales/pipeline forecasting example

Enter the fast-paced world of SAP HANA 2.0 with this introductory guide. Begin with an exploration of the technological backbone of SAP HANA as a database and platform. Then, step into key SAP HANA user roles and discover core capabilities for administration, application development, advanced analytics, security, data integration, and more. No matter how SAP HANA 2.0 fits into your business, this book is your starting point. In this book, you'll learn about:

- a. Technology Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements.
- b. Tools Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration.
- c. Key Roles Understand how to use SAP HANA as a developer, administrator, data scientist, data center architect, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more. Highlights include: 1) Architecture 2) Administration 3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center Get insights and

guidance on various challenges within the industry and what business levers you can consider to effortlessly lead your business transformation through RISE with SAP Purchase of the print or Kindle book includes a free PDF eBook Key Features Gain actionable insights into end-to-end process performance with process analytics Scale performance and reliability to accelerate your journey to the cloud and beyond Get a clear overview of the enabling tools and services you can leverage for the transformation Book Description If you're unsure whether adopting SAP S/4HANA is the right move for your enterprise, then this book is for you. This practical and comprehensive guide will help you determine your next steps toward building a business case, while preparing you for all the possible scenarios and enabling you to make informed decisions during implementation. RISEwith SAP toward a Sustainable Enterprise is packed with clear and detailed advice, including a run-through of what it takes to design the landscape using RISE with SAP. As you go through the chapters, you'll get a solid understanding of precisely what services are available (such as Process Discovery, data migration, the fit-to-standard approach), and which scope items on RISE with SAP should be considered, allowing you to make the most of RISE with the SAP-based model. Finally, you'll get an overview of different industry-based use cases and how they can be brought to reality with the platform that's set up on the RISE with SAP offering. By the end of this book, you'll be able to build a detailed business case to determine if RISE with SAP is the right transformation engine for you, along with a clear idea of optimized landscape design on RISE with SAP that addresses the pain points for your implementation and support activities. What you will learn Understand the challenges faced by organizations and CXOs with the emerging market trends Know what to consider when creating a business case for RISE with SAP Explore deployment options within RISE with SAP and other functional and non-functional services Understand optimized landscape design on RISE with SAP along with effective implementation and support Take the optimum approach in adopting S/4HANA with levers like Process Discovery, testing, and automation Discover possibilities when dealing with SAP, the vendor ecosystem, and cloud products driven by industries Who this book is for This book is for CXOs and solutions and enterprise architects who've

been working in the SAP ecosystem and want practical and concise advice on how to get up and running with the adoption of S/4HANA by leveraging RISE with SAP as the enabling engine. This book is also for professionals working toward creating a business case and trying to identify all possible best practices around the adoption of RISE with SAP and associated industry use cases. Prior experience with either SAP or a different ERP will help you get the most out of this book. SAP HANA is the SAP product for in-memory computing. It streamlines transactions, analytics, planning, and data processing on a single in-memory database allowing businesses to operate in real-time. Over the course of the last few years, the authors have led many diverse SAP HANA projects with extraordinary success resulting in 10,000, or in some cases even 100,000, times improvement of system performance. In this book, the authors share their findings from SAP HANA projects to help ensure the success of your SAP HANA project. The SAP HANA project guide will also help you identify suitable scenarios for your company to get started with in-memory computing, while sketching out a long term plan to provide innovation to your entire business using SAP HANA. We'll cover the following key topics: - Delivering innovation with SAP HANA - Creating a business case for SAP HANA - Thinking in-memory - Managing SAP HANA projects Many companies struggle with the ability to quickly and accurately create easy-to-read reports. This book systematically explains how you can leverage SAP Analysis Office (AO) to support your company's reporting needs. AO combines the experience users had with Business Explorer (BEx) reporting over the last decade, with the additional pivoting functionality offered by Microsoft, along with standard Excel reports. Combining these functionalities, SAP created a powerful tool for your daily analysis as you will discover in this book. Tight integration with the SAP NetWeaver BW environment ensures that reporting users can access and refresh data. This book dives into: - Installation and prerequisites - Key functionality and detailed explanations like Analysis Excel pivot, ribbon, and context menus - Enhanced reporting with API and Visual Basic (VBA) - A comparison of Business Explorer (BEx) and Analysis Office (AO) functionality Mit diesem Leitfaden zum operativen Reporting mit SAP S/4HANA Embedded Analytics erstellen Sie aussagekräftige und

zeitgemäße Auswertungen auf Basis transaktionaler Daten, ohne den Umweg über ein Business Warehouse (BW) gehen zu müssen. Wie Ihnen das Tool zu einem »Reporting per Knopfdruck« verhelfen kann, zeigt Ihnen der Autor anhand konkreter Fragestellungen aus dem SAP-Finanzwesen und Controlling. Die Beispiele lassen sich problemlos auf andere Unternehmensbereiche übertragen. Aufbauend auf den technischen Grundlagen der Embedded Analytics von SAP lernen Sie, wie Sie zielorientiert Berichte finden und anderen Anwendern bereitstellen sowie bestehende Berichte mittels benutzerdefinierter analytischer Abfragen anpassen. Auch das Erzeugen komplett eigener Berichte über Core Data Services(CDS)- und HANA-Calculation-Views sowie die dazu notwendigen Modellierungstools in SAP S/4HANA – das Eclipse-Tool SAP HANA Studio und die SAP HANA Web-based Development Workbench – werden vorgestellt. Gerade für SAP-Key-User und SAP-Berater, die sich bisher speziell mit SAP BW befassen, bietet das vorliegende Buch einen perfekten Einstieg in die neue Echtzeit-Reporting-Welt von SAP S/4HANA.

- Grundlagen von Embedded Analytics verstehen und praxisgerecht anwenden -
Standardberichte finden und im Fiori Launchpad bereitstellen -
Erweiterung und Anpassung von Standardberichten - Schritt für Schritt von der Anforderung zum kundeneigenen Bericht

Learn how to fuse today's data science tools and techniques with your SAP enterprise resource planning (ERP) system. With this practical guide, SAP veterans Greg Foss and Paul Modderman demonstrate how to use several data analysis tools to solve interesting problems with your SAP data. Data engineers and scientists will explore ways to add SAP data to their analysis processes, while SAP business analysts will learn practical methods for answering questions about the business. By focusing on grounded explanations of both SAP processes and data science tools, this book gives data scientists and business analysts powerful methods for discovering deep data truths. You'll explore: Examples of how data analysis can help you solve several SAP challenges Natural language processing for unlocking the secrets in text Data science techniques for data clustering and segmentation Methods for detecting anomalies in your SAP data Data visualization techniques for making your data come to life To effectively plan production costs, you know that guesswork

and projections aren't enough. Optimize your production processes--and increase profitability--with this guide to production variance analysis in SAP S/4HANA. Start with the planning basics, and then perform costing runs and create cost estimates. See how to post actual costs with the Universal Journal, analyze variance during period-end processing, and assess scrap. Get details on SAP Fiori apps for reporting and the road ahead for variance analysis in this comprehensive resource! In this book, you'll learn about:

- a. Product Costing Compare planned versus actual costs in SAP S/4HANA. Walk through key product master data, and then create standard, preliminary, and mixed cost estimates. Post actual costs and analyze them using the Universal Journal and SAP Fiori apps.
- b. Variance Calculation Analyze variance at period-end close. Follow step-by-step instructions to configure and perform production variance analysis for the cost center, purchase price, and scrap. See how the Material Ledger and actual costing impact variance analysis.
- c. Reporting Explore your reporting options for production variance analysis in SAP S/4HANA: analysis reports, detailed reports, line item reports, production order reports, and cost center reports. Highlights include: 1) Cost estimation 2) Actual postings 3) Product cost analysis 4) Period-end close 5) Variance configuration 6) Cost center variance 7) Purchase price variance 8) Scrap variance 9) Universal Journal 10) Material Ledger 11) Reporting

From your customers purchasing habits to your employees key performance indicators, data can provide business insight and predict future market trends. With this comprehensive guide to SAPs Predictive Analysis toolset, anticipate market changes, drive decision making and unlock the potential of your data sources. Filled with practical examples, case studies, and business explanations, this book will simplify the complex predictive analysis process and teach you how to use SAPs Predictive Analysis toolset to understand what your data has been trying to tell you. Extensive coverage of the Predictive Analysis module, the PAL Library, R-Integration, and HANA will enable you to choose the best algorithm for your needs. Learn how to organize large amounts of data into comprehensive data models, visualizations, and reports with ease!

What's new with BI? In this complete guide, you'll learn to configure SAP Analytics Cloud and connect to key data sources. Then, you'll build

data models, create stories and dashboards, generate financial planning models, and use the analytics designer to develop custom widgets and applications. Explore new functionalities, like tunnel connection integration and the new planning model. With updated screenshots featuring the latest UI, this new edition has everything you need to make the most of your business's data! Highlights include: 1) Data modeling 2) Stories 3) Visualizations 4) Dashboards 5) Financial planning 6) Predictive analytics 7) Analytics designer 8) SAP Digital Boardroom 9) SAP Analytics Hub 10) Data integration 11) Configuration 12) SAP Business Technology Platform (SAP BTP)

In today's competitive business environment, most companies realize that the better they can manage their customer relationships, the more successful they will become. Customer Relationship Management (CRM) software systems are key tools for companies to manage the customer-facing processes of their businesses. However, many companies have resisted implementing this most critical customer-oriented application due in large part to the lack of a single-point resource on implementing a CRM system. This book attempts to fill that gap. Implementing SAP® CRM will help technologists and managers come to grips with the vision, concept, and technology of CRM. It begins by laying out the groundwork for understanding CRM. It explains the concept and context of CRM and the tangible business benefits of CRM adoption. Demonstrating a professional approach to the evaluation and selection of SAP, it details the critical success factors (CSFs), patterns, and anti-patterns of a successful SAP CRM implementation. CRM implementations can add significant benefit to the company's bottom line only if the company first transforms itself into a customer-centric and customer-responsive enterprise. This book explains what it means to be a customer-centric and responsive enterprise, and provides a framework for business operations based on customer relationships, rather than the traditional four Ps (product, positioning, price, promotion). It further spells out business process reengineering (BPR) strategies to configure internal business processes and operations with SAP CRM to improve customer-facing strategies, services, and relationships. Start making better business decisions backed by data About This Book Predict new opportunities and risks in a few mouse clicks Eliminate complexity with

tools that let you plan, analyze, and collaborate in context—in real time Discover, visualize, plan, and predict in a single product with agile BI tools Who This Book Is For This book targets IT professionals, business analysts, BI developers, managers, newcomers to SAP Analytics Cloud, and ultimately anyone who wants to learn from self-paced, professional guidance and needs a solid foundation in SAP Analytics Cloud. What You Will Learn A clear understanding of SAP Analytics Cloud platform Create data models using different data sources, including Excel and text files . Present professional analyses using different types of charts, tables, geo maps, and more Using stories, drill up and down instantly to analyze data from various angles Share completed stories with other team members or compile them in SAP Digital Boardroom agendas for presentation to major stakeholders Export the results of a story to a PDF file Save time by planning, analyzing, predicting, and collaborating in context Discover, visualize, plan, and predict in one product as opposed to separate solutions In Detail The book starts with the basics of SAP Analytics Cloud (formerly known as SAP BusinessObjects Cloud) and exposes almost every significant feature a beginner needs to master. Packed with illustrations and short, essential, to-the-point descriptions, the book provides a unique learning experience. Your journey of exploration starts with a basic introduction to the SAP Analytics Cloud platform. You will then learn about different segments of the product, such as Models, Stories, Digital Boardroom, and so on. Then, you are introduced to the product's interface: the Home screen, the main menu, and more. Then comes the hands-on aspect of the book, which starts with model creation. Next, you learn how to utilize a model to prepare different types of stories(reports) with the help of charts, tables, Geo Maps, and more. In the final chapters of this book, you will learn about Digital Boardroom, Collaboration, and Administration. Style and approach The easy-to-follow visual instructions provided in this book help business users and report developers create simple and complex stories (reports) quickly Get a look at the inner workings and gears of your enterprise with this book! With expert guidance from the authors, you'll learn to carefully map your business's financial path. From planning through integration, you'll understand the business steps and requirements needed to work with SAP's solutions for enterprise

performance management. Learn how EPM can help you create detailed financial plans, monitor actual costs against budget, and analyze profitability based on products or customer behavior.

1. Manage your Financial Performance Understand what enterprise performance management is, what it does to direct your financial performance, and what best practices you should follow.
2. Financial Planning and Analysis Lifecycle Strategy roll-out. Planning, budgeting, and forecasting. Profitability and cost management. Monitoring and reporting. Find the information you need to best implement these essential practices.
3. SAP EPM Applications Learn about the SAP EPM applications and how they enable organizations to meet their strategic financial goals and performance improvement initiatives.
4. Integration Know how to extend the reach of EPM. You'll learn about options for integrating SAP EPM with SAP ERP, BI tools, and more.
5. Move your SAP EPM Solution Forward Scope out the road map and latest evolutions in EPM applications, including rapid-deploymentsolutions, starter kits, and SAP EPM Unwired.

Highlights:
Performance management lifecycle Planning, budgeting, and forecasting
Financial close acceleration SAP Business Planning and Consolidation
Financial Information Management Disclosure Management Integration
Monitoring and reporting Profitability and cost management Strategy management

"This book is the definitive guide for SAP NetWeaver BI professionals. Based on their extraordinary expertise with the product, the authors provide deep insights about key innovations in the areas of user experience, query performance, integrated planning, and enterprise-wide data warehousing." —Stefan Sigg, Vice President, SAP NetWeaver Business Intelligence

The long-anticipated publication of this second edition reflects the growing success of SAP NetWeaver as well as the various Business Intelligence (BI) capabilities that are embedded with SAP BW version 7.0. Written by SAP insiders, this comprehensive guide takes into account the ever-changing features, functionality, and toolsets of SAP NetWeaver to bring you the most updated information on how to use SAP BW to design, build, deploy, populate, access, analyze, present, and administer data. You'll discover the options that are available in SAP NetWeaver and uncover a new means to improve business performance. This book reflects the process an organization

goes through during an implementation of the software. The authors begin with an introduction to BI and SAP NetWeaver and quickly progress to information modeling and enterprise data warehouse concepts. You'll learn how to access and deliver meaningful analytic information to the organization, as well as perform integrated planning functions. Finally, the authors share invaluable insight on warehouse administration, performance, and security. With more than 50 percent new or revised material, this second edition of Mastering the SAP Business Information Warehouse shows you how to: Extract data from online transaction processing systems Store transformed data in a way that best supports reporting and analysis Use the various Business Explorer tools such as BEx Report Designer, BEx Analyzer, BEx Broadcaster, and BEx Web Application Designer Schedule, monitor, troubleshoot, and archive data loads The companion Web site contains sample chapters in Wiki format and the authors' blog where readers may enter discussions about the book and SAP. Wiley Technology Publishing Timely. Practical. Reliable. Visit our Web site at www.wiley.com/compbooks/ Visit the companion Web site at www.wiley.com/compbooks/mcdonald The companion Web site contains the sample code presented in the text of the book, plus implementation templates. A practical handbook packed with expert advice on architectural considerations for designing solutions using SAP BTP to drive digital innovation Purchase of the print or Kindle book includes a free eBook in the PDF format Key Features Guide your customers with proven architectural strategies and considerations on SAP BTP Tackle challenges in building process and data integration across complex and hybrid landscapes Discover SAP BTP services, including visualizations, practical business scenarios, and more Book Description SAP BTP is the foundation of SAP's intelligent and sustainable enterprise vision for its customers. It's efficient, agile, and an enabler of innovation. It's technically robust, yet its superpower is its business centricity. If you're involved in building IT and business strategies, it's essential to familiarize yourself with SAP BTP to see the big picture for digitalization with SAP solutions. Similarly, if you have design responsibilities for enterprise solutions, learning SAP BTP is crucial to produce effective and complete architecture designs. This

book teaches you about SAP BTP in five parts. First, you'll see how SAP BTP is positioned in the intelligent enterprise. In the second part, you'll learn the foundational elements of SAP BTP and find out how it operates. The next part covers integration architecture guidelines, integration strategy considerations, and integration styles with SAP's integration technologies. Later, you'll learn how to use application development capabilities to extend enterprise solutions for innovation and agility. This part also includes digital experience and process automation capabilities. The last part covers how SAP BTP can facilitate data-to-value use cases to produce actionable business insights. By the end of this SAP book, you'll be able to architect solutions using SAP BTP to deliver high business value. What you will learn

Explore value propositions and business processes enabled by SAP's Intelligent and Sustainable Enterprise Understand SAP BTP's foundational elements, such as commercial and account models Discover services that can be part of solution designs to fulfill non-functional requirements Get to grips with integration and extensibility services for building robust solutions Understand what SAP BTP offers for digital experience and process automation Explore data-to-value services that can help manage data and build analytics use cases Who this book is for This SAP guide is for technical architects, solutions architects, and enterprise architects working with SAP solutions to drive digital transformation and innovation with SAP BTP. Some IT background and an understanding of basic cloud concepts is assumed. Working knowledge of the SAP ecosystem will also be beneficial. "Whether you're running account-based or costing-based CO-PA, this is your one-stop shop for profitability analysis with SAP S/4HANA! Get the step-by-step instructions you need for configuring master data, operating concerns, value flows + and setting up your system. Then run your profitability operations and master both planning and reporting. + sentence about running profitability operations, from this to that. With this guide to CO-PA, you're ready for SAP S/4HANA!"-- Enhance your SAP HANA skills using this step-by-step guide to creating and reporting data models for real-time analytics About This Book This book will help you to process analytical and transactional data in real time with the help of SAP HANA. Walk through the steps of the data modeling process and

build various data models and artifacts in SAP HANA Studio. Packed with rich examples and use cases that are closely focused on developing real-time applications. Who This Book Is For If you are a SAP HANA data modeler, developer, implementation/migration consultant, project manager, or architect who is responsible for implementing/migrating to SAP HANA, then this book is for you. What You Will Learn Get to grips with the basic building blocks of Analytics/Data models in the SAP HANA environment. Discover various schemas, modeling principles, Joins, and the architecture of the SAP HANA engine. Build data models and artifacts in Sap HANA Studio. Design decision tables and understand the concept of transport management in the SAP HANA landscape. Work with the different views in SAP HANA Studio. Explore full-text search and fuzzy search in SAP HANA. Create your own scenarios and use cases using sample data and code. In Detail SAP HANA is an in-memory database created by SAP. SAP HANA breaks traditional database barriers to simplify IT landscapes, eliminating data preparation, pre-aggregation, and tuning. SAP HANA and in-memory computing allow you to instantly access huge volumes of structured and unstructured data, including text data, from different sources. Starting with data modeling, this fast-paced guide shows you how to add a system to SAP HANA Studio, create a schema, packages, and delivery unit. Moving on, you'll get an understanding of real-time replication via SLT and learn how to use SAP HANA Studio to perform this. We'll also have a quick look at SAP Business Object DATA service and SAP Direct Extractor for Data Load. After that, you will learn to create HANA artifacts—Analytical Privileges and Calculation View. At the end of the book, we will explore the SMART DATA access option and AFL library, and finally deliver pre-packaged functionality that can be used to build information models faster and easier. Style and approach This is an easy-to-follow, step-by-step, rapid guide to help you learn analytics in SAP HANA through ample hands-on exercises and use case scenarios. This newly expanded and updated book is your comprehensive reference for all of the most relevant information on the CO-PA module. Here, you'll find all the information you need for a successful CO-PA implementation, which is presented with a process-oriented approach for explaining the fundamentals of profitability

management as it relates to the features and functionality of the CO-PA module. The author implements a cost-based scenario throughout the book, so that both cost-based and account-based scenarios are addressed. Learn how to fuse today's data science tools and techniques with your SAP enterprise resource planning (ERP) system. With this practical guide, SAP veterans Greg Foss and Paul Modderman demonstrate how to use several data analysis tools to solve interesting problems with your SAP data. Data engineers and scientists will explore ways to add SAP data to their analysis processes, while SAP business analysts will learn practical methods for answering questions about the business. By focusing on grounded explanations of both SAP processes and data science tools, this book gives data scientists and business analysts powerful methods for discovering deep data truths. You'll explore:

- Examples of how data analysis can help you solve several SAP challenges
- Natural language processing for unlocking the secrets in text
- Data science techniques for data clustering and segmentation
- Methods for detecting anomalies in your SAP data
- Data visualization techniques for making your data come to life
- 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

Learn how to configure, implement, enhance, and customize SAP OEE to address manufacturing performance management. Manufacturing Performance Management using SAP OEE will show you how to connect your business processes with your plant systems and how to integrate SAP OEE with ERP through standard workflows and shop floor systems for automated data collection. Manufacturing Performance Management using SAP OEE is a must-have comprehensive guide to implementing

SAP OEE. It will ensure that SAP consultants and users understand how SAP OEE can offer solutions for manufacturing performance management in process industries. With this book in hand, managing shop floor execution effectively will become easier than ever. Authors Dipankar Saha and Mahalakshmi Symsunder, both SAP manufacturing solution experts, and Sumanta Chakraborty, product owner of SAP OEE, will explain execution and processing related concepts, manual and automatic data collection through the OEE Worker UI, and how to enhance and customize interfaces and dashboards for your specific purposes. You'll learn how to capture and categorize production and loss data and use it effectively for root-cause analysis. In addition, this book will show you: Various down-time handling scenarios. How to monitor, calculate, and define standard as well as industry-specific KPIs. How to carry out standard operational analytics for continuous improvement on the shop floor, at local plant level using MII and SAP Lumira, and also global consolidated analytics at corporation level using SAP HANA. Steps to benchmark manufacturing performance to compare similar manufacturing plants' performance, leading to a more efficient and effective shop floor. Manufacturing Performance Management using SAP OEE will provide you with in-depth coverage of SAP OEE and how to effectively leverage its features. This will allow you to efficiently manage the manufacturing process and to enhance the shop floor's overall performance, making you the sought-after SAP OEE expert in the organization. What You Will Learn Configure your ERP OEE add-on to build your plant and global hierarchy and relevant master data and KPIs Use the SAP OEE standard integration (SAP OEEINT) to integrate your ECC and OEE system to establish bi-directional integration between the enterprise and the shop floor Enable your shop floor operator on the OEE Worker UI to handle shop floor production execution Use SAP OEE as a tool for measuring manufacturing performance Enhance and customize SAP OEE to suit your specific requirements Create local plant-based reporting using SAP Lumira and MII Use standard SAP OEE HANA analytics Who This Book Is For SAP MII, ME, and OEE consultants and users who will implement and use the solution. Imagine that it's the 1950s, and you are in charge of developing the U. S. interstate system. There are countless roads already

in use. The system can go in numerous different directions. Where do you begin? Starting to transform your business with SAP NetWeaver is that daunting. NetWeaver is both an application platform and an integration platform. It integrates your current IT systems to enable portals, collaboration, data management, and development environments. To grasp the complexities and possibilities of SAP ASAP, dig in with SAP NetWeaver For Dummies and explore: MySAP Business Suite SAP Enterprise Planning Resource (ERP), Customer Relationship Management (CRM), Supply Chain Management (SCM), Human Capital Management (HCM), Product Lifecycle Management (PLM), Supplier Relationship Management (SRM), and more Mobile Infrastructure that performs like a universal translator for mobile interfaces, including laptops, wireless phones, and PDAs Master Data Management, including using the content consolidation technique to “clean up” data, master data harmonization to distribute it, and central master data management to maintain a data repository Web Application Service and NetWeaver Developer Studio—tools that let you integrate and create your own customized applications

Written by Dan Woods, former CTO of The Street.com and CapitalThinking, and Jeffrey Word, the Director of Technology Strategy for SAP, this guide features real-life stories from businesses and examples of typical uses to help you cut through the complexities and get up and running. It includes a CD-ROM with: Detailed white papers and product overviews Stores from customers using SAP NetWeaver today Demos that show SAP NetWeaver in action A directory of resources for additional information

Like that interstate system, SAP NetWeaver doesn’t have to be integrated all at once. You choose the applications that have the most potential to benefit your company’s operations and bottom line. SAP NetWeaver For Dummies even gives you recommendations for rolling it out and suggests practical ways to get started and get quick returns on your SAP investment. Then you’re going full-speed ahead on the road to success!

- * Learn about the capabilities of the different reporting and analysis tools from SAP BusinessObjects
- * Determine which tool is the right choice for your business intelligence needs
- * Build your first report with each of the SAP BusinessObjects products

This book tells you everything you always wanted to know about getting started with the

SAP BusinessObjects business intelligence (BI) tools. What are the different capabilities of each tool? How should you choose one over another? How do you build your first report in each tool? If you want to understand what the SAP BusinessObjects BI platform can do for you, look no further. This book is your first step.

Reporting and Analysis Explore the basic business requirements for financial, sales, HR, and management analysis, and learn how each SAP BusinessObjects tool meets, or doesn't meet, these requirements.

Building Your First Report Dive into the details: Get step-by-step instructions and detailed screenshots for building your first report with each of the SAP BusinessObjects BI tools.

Best Practices Ensure that you get the most for your time and money by learning the best practices for working with SAP BusinessObjects BI tools.

Changes in SAP BusinessObjects 4.0 FP3 Stay up to date on the latest changes in SAP BusinessObjects 4.0, including feature pack 3, such as the introduction of the BI launch pad and BI workspaces.

Future Outlook Get a sneak peek at what SAP is working on for future releases of the SAP BusinessObjects BI platform.

Highlights * SAP Crystal Reports * SAP BusinessObjects Web Intelligence * SAP BusinessObjects Dashboards * SAP BusinessObjects Analysis * SAP BusinessObjects Explorer * SAP BusinessObjects Live Office * BI workspaces * BI launch pad

Focus on SAP business analytics business gains, key features, and implementation. The book includes example implementations of SAP business analytics, the challenges faced, and the solutions implemented. SAP Business Analytics explains both the strategy and technical implementation for gathering and analyzing all the information pertaining to an organization. Key features of the book are:

- A 360-degree view of an organization's data and the methods to gather and analyze that data
- The strategies that need to be in place to gather relevant data from disparate systems
- Details about the SAP business analytics suite of products
- The technical implementations used to gather data from disparate systems such as ERP and CRM
- Real business cases as examples

Analytics is the driving force in today's business, be it healthcare, marketing, telecommunications, or retail and hence the most vital part of any organization's strategy. What You'll Learn Gain an understanding of business analytics in general Absorb the technical

details of the SAP business analytics suite of products Discover the challenges faced during an enterprise-level analytics project implementation Learn the key points to be kept in mind during the technical implementation of an SAP business analytics project Who This Book Is For Analytics strategists, BI managers, BI architects, business analysts, and BI developers. "FP&A is now in the cloud! In this comprehensive guide, begin by provisioning your data for financial planning and analysis in SAP Analytics Cloud. Then follow step-by-step instructions to set up the planning process and use SAP Analytics Cloud's automated planning logic to calculate key metrics. Learn how to perform simulations to model what-if scenarios, streamline your planning workflow, and share results with stakeholders. With details on implementation best practices, this is your all-in-one resource!"-- Leave your crystal ball behind and peer into the future with SAP Predictive Analytics! Master predictive models--regression, time series forecasting, clustering, and more--and learn how to get SAP Predictive Analytics up and running. Discover the essential tools, from Predictive Factory and the Automated Modeler to the Data Manager and Social Network Analysis. Get predictive analysis working for you! Highlights include: Predictive models Classification models Regression models Time-series forecasting models Predictive Factory Automated Analytics Expert Analytics Social Network Analysis (SNA) Data Manager Installation Integration Meet your BI needs with SAP S/4HANA embedded analytics! Explore the system architecture and data model and learn how to perform analytics on live transactional data. Business user? Walk step-by-step through SAP Smart Business KPIs, dashboards, and multidimensional reporting. Analytics specialist? Master the virtual data model and report creation. Jack of all trades? Create CDS views, apply custom fields and logic, and learn to integrate SAP S/4HANA with SAP Analytics Cloud. This is your complete guide to SAP S/4HANA embedded analytics! Highlights include: 1) Architecture 2) Virtual data model (VDM) 3) CDS views 4) SAP Fiori apps 5) SAP Smart Business 6) Key performance indicators (KPIs) 7) Dashboards 8) Reporting 9) Data warehousing 10) SAP Analytics Cloud 11) Machine learning The SAP BusinessObjects Business Intelligence platform is a powerful reporting and analysis tool. This book is the ideal introduction to the

SAP BusinessObjects Business Intelligence platform, introducing you to its data visualization, visual analytics, reporting, and dashboarding capabilities. In order to make strategy happen there is a need for powerful management information systems. SAP focuses on the application of modern business administration concepts, e.g. Value Based Management, the Balanced Scorecard, the Management Cockpit or flexible planning methods. The book describes the methodology and implementation of a powerful tool for enterprise management. Practical examples show how SAP Strategic Enterprise Management/Business Analytics (SAP SEM/BA) can help to improve cross functional planning, reporting and analyzing. SAP SEM/BA is a leading edge IT-solution for top management and related departments in large enterprises and groups. It demonstrates the state of the art of modern management information and decision support systems. "Ready for SAP BW/4HANA 2.0? This comprehensive guide will teach you all there is to know about the next generation business warehouse from SAP! Start with a fresh installation or migrate from an existing system. Then understand the new architecture, explore administration tasks with SAP HANA Studio, learn to model and analyze data, and find out how to connect to frontend BI tools"-- Managing your SAP data in Microsoft Excel? This is your guide to using SAP Analysis for Microsoft Office! Get started with the basics, from creating your first workbook to navigating through reports. Then, follow step-by-step instructions to process data, analyze data, develop planning applications, customize reports, and work with tools such as formulas and macros. Including details on troubleshooting, UI customization, and more, this book is your all-in-one resource! In this book, you'll learn about: a. Reporting and Data Analysis Learn to work with reports in SAP Analysis for Microsoft Office: define parameters with prompts, adjust formatting and styles, and extend reports with local data. Filter, sort, and display your data using hierarchies, and refine data analysis with simple and advanced calculations. b. Planning Use your SAP data to develop planning workbooks. Plan your data both manually and with functions and sequences. Understand key settings for cell locking, the planning model, and more. c. Advanced Features Take your skills to the next level. Write formulas to use in your reports, and create and use macros in your workbooks, including steps to use API methods,

callbacks, and design rules. Highlights include: 1) Workbook creation 2) Report navigation 3) Prompts 4) Data processing, organization, and analysis 5) Planning applications 6) Report customization and formatting 7) Formulas 8) Macros 9) Configuration 10) Troubleshooting

SAP is a market leader in enterprise business application software. SAP solutions provide a rich set of composable application modules, and configurable functional capabilities that are expected from a comprehensive enterprise business application software suite. In most cases, companies that adopt SAP software remain heterogeneous enterprises running both SAP and non-SAP systems to support their business processes. Regardless of the specific scenario, in heterogeneous enterprises most SAP implementations must be integrated with a variety of non-SAP enterprise systems: Portals Messaging infrastructure Business process management (BPM) tools Enterprise Content Management (ECM) methods and tools Business analytics (BA) and business intelligence (BI) technologies Security Systems of record Systems of engagement

The tooling included with SAP software addresses many needs for creating SAP-centric environments. However, the classic approach to implementing SAP functionality generally leaves the business with a rigid solution that is difficult and expensive to change and enhance. When SAP software is used in a large, heterogeneous enterprise environment, SAP clients face the dilemma of selecting the correct set of tools and platforms to implement SAP functionality, and to integrate the SAP solutions with non-SAP systems. This IBM® Redbooks® publication explains the value of integrating IBM software with SAP solutions. It describes how to enhance and extend pre-built capabilities in SAP software with best-in-class IBM enterprise software, enabling clients to maximize return on investment (ROI) in their SAP investment and achieve a balanced enterprise architecture approach. This book describes IBM Reference Architecture for SAP, a prescriptive blueprint for using IBM software in SAP solutions. The reference architecture is focused on defining the use of IBM software with SAP, and is not intended to address the internal aspects of SAP components. The chapters of this book provide a specific reference architecture for many of the architectural domains that are each important for a large enterprise to establish common strategy, efficiency, and balance. The majority of the most important architectural

domain topics, such as integration, process optimization, master data management, mobile access, Enterprise Content Management, business intelligence, DevOps, security, systems monitoring, and so on, are covered in the book. However, there are several other architectural domains which are not included in the book. This is not to imply that these other architectural domains are not important or are less important, or that IBM does not offer a solution to address them. It is only reflective of time constraints, available resources, and the complexity of assembling a book on an extremely broad topic. Although more content could have been added, the authors feel confident that the scope of architectural material that has been included should provide organizations with a fantastic head start in defining their own enterprise reference architecture for many of the important architectural domains, and it is hoped that this book provides great value to those reading it. This IBM Redbooks publication is targeted to the following audiences: Client decision makers and solution architects leading enterprise transformation projects and wanting to gain further insight so that they can benefit from the integration of IBM software in large-scale SAP projects. IT architects and consultants integrating IBM technology with SAP solutions. Where do financial planning and cloud analytics intersect? Dig in and find out with this introduction. -- In order to make strategy happen there is a need for powerful management information systems. SAP focuses on the application of modern business administration concepts, e.g. Value Based Management, the Balanced Scorecard, the Management Cockpit or flexible planning methods. The book describes the methodology and implementation of a powerful tool for enterprise management. Practical examples show how SAP Strategic Enterprise Management/Business Analytics (SAP SEM/BA) can help to improve cross functional planning, reporting and analyzing. SAP SEM/BA is a leading edge IT-solution for top management and related departments in large enterprises and groups. It demonstrates the state of the art of modern management information and decision support systems. In this book written for SAP BI, big data, and IT architects, the authors expertly provide clear recommendations for building modern analytics architectures running on SAP HANA technologies. Explore integration with big data frameworks and predictive analytics

components. Obtain the tools you need to assess possible architecture scenarios and get guidelines for choosing the best option for your organization. Know your options for on-premise, in the cloud, and hybrid solutions. Readers will be guided through SAP BW/4HANA and SAP HANA native data warehouse scenarios, as well as field-tested integration options with big data platforms. Explore migration options and architecture best practices. Consider organizational and procedural changes resulting from the move to a new, up-to-date analytics architecture that supports your data-driven or data-informed organization. By using practical examples, tips, and screenshots, this book explores:

- SAP HANA and SAP BW/4HANA architecture concepts
- Predictive Analytics and Big Data component integration
- Recommendations for a sustainable, future-proof analytics solutions
- Organizational impact and change management

With SAP Fiori, SAP S/4HANA offers a modern user interface and a simplified new technical data model. The objectives are faster closing and improved performance for reconciliation activities. Using an example manufacturing company, this book presents the resulting new features for the area of Controlling. In addition to the process-related view of the workflows within the company, the book takes a practical look at the SAP Fiori apps in Controlling. You quickly get an overview of the most important innovations, changed Customizing settings, and current developments in all subcomponents in SAP S/4HANA Controlling. Readers who do not have much experience with HANA yet can first familiarize themselves with the new SAP Fiori interface before turning to the new (simplified) data structures of S/4HANA in Financials and Controlling, as well as the changes to master data and processes. You then follow the example company SPEED GmbH through central structures and processes in Product Cost Controlling. The author also looks at the integration of processes, allocations in SAP Controlling, current developments in Profitability Analysis, and planning and reporting with SAP S/4HANA.

- New features in Controlling with SAP S/4HANA
- Overview of the functions of all subcomponents
- Effects of S/4HANA on your business processes
- Practical explanations using a continuous example

This practical manual guides you step by step through the flows of actual values into SAP Profitability Analysis (CO-PA) and the forms these

flows take in S/4HANA, including the account-based CO-PA required there. The book presents the technical prerequisites and changes that SAP S/4HANA brings compared to the previous product, ERP, and discusses whether there is any truth in rumors such as “The Controlling module will no longer exist.” Using a simple, continuous example, the authors, who have many years of experience with SAP Controlling, illustrate how an SAP value flow progresses through the individual stages of the process: from a sales order, through production, right up to the issue of goods and invoicing. The book shows where you will find these values at each respective point in time in Financials (FI) and Controlling (CO). The authors explain both the business and the SAP technical view in detail and highlight the benefits of the innovative approach under S/4HANA, now known under the new name of “SAP Margin Analysis.” Furthermore, the book delivers a plea for CO-PA to be used as a tool for sales management — a tool that allows the widest possible variety of business analyses.

- Value flows based on the logistical sales and production process
- Comparison of costing-based and account-based CO-PA
- Presentation of the changes in the value flow compared to SAP ERP
- Continuous numerical example right up to closing activities

Discover the next generation of BI with this guide to SAP Analytics Cloud! Get your data into the system and see which data models to use in which situations. Next, learn about stories--how to create visualizations for them, publish them, and enhance them. With information on using SAP Analytics Cloud for financial planning, predictive analytics, dashboard creation, and more, this book is your one-stop shop! Highlights include: 1) Data modeling 2) Stories 3) Visualizations 4) Dashboards 5) Financial planning 6) Predictive analytics 7) SAP Analytics Cloud, analytics designer 8) SAP Digital Boardroom 9) SAP Analytics Hub 10) Data integration 11) Configuration

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