

## Sap Bw 4hana Sap

How do you run your warehouse with SAP S/4HANA? This comprehensive guide has the answers! Begin by setting up your embedded Extended Warehouse Management (EWM) system using organizational structures and master data. Then master your essential processes such as goods issue and receipt, putaway, picking, and taking inventory. Bring everything together with information on advanced tasks like cross-docking, value-added services, kitting, and integration with SAP TM and SAP GTS!--

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 key options, and explore the various SAP HANA editions. 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

This book delves into the fundamentals of SAP BW based on SAP HANA Advanced Data Store Objects (aDSOs). Explore the various aDSO types and templates available and learn how to quickly create aDSOs specific to your business needs. Create, manage, and use aDSOs tables enhanced reporting capabilities. Dive into new objects in SAP BW on SAP HANA including open ODS views, composite providers, and advanced DSOs. Explore data modeling with SAP HANA Studio, using composite providers, advanced DSOs, open ODS views, and InfoObjects. Walk through detailed example of how to use templates, embed aDSOs in queries, and create your first query using field-based modeling. Get detailed information and guidelines on how to create a data acquisition layer, corporate memory, and data warehouse layer for delta calculation and datamart. By using practical examples, tips, and screenshots, this book explores: - Fundamentals of Advanced Data Store Objects - Modeling with SAP HANA Studio - How to create an SAP HANA-optimized InfoProvider - Examples and screenshots based on real-world scenarios

Whether you're upgrading an existing billing system or moving to a subscription- or consumption-based model, SAP BRIM is ready--and here's is your guide! From subscription order management and charging to invoicing and contract accounting, get step-by-step instructions for each piece of the billing puzzle. For setup, execution, or analytics, follow a continuous case study through each billing process. With this book, join the future of billing! a. End-to-End Billing Learn the what and the why of SAP BRIM, and then master the how! Charging, invoicing, contract accounts receivable and payable, and subscription order management--see how to streamline billing with the SAP BRIM solutions. b. Configuration and Functionality Set up and use SAP BRIM tools: Subscription Order Management, SAP Convergent Charging, SAP Convergent Invoicing, FI-CA, and more. Implement them individually or as part of an integrated landscape. c. SAP BRIM in Action Meet Martex Corp., a fictional telecommunications case study and your guide through the SAP BRIM suite. Follow its path to subscription-based billing and learn from billing industry best practices! 1) SAP Billing and Revenue Innovation Management 2) Subscription order management 3) SAP Convergent Charging 4) SAP Convergent Invoicing 5) Contracts accounting (FI-CA) 6) SAP Convergent Mediation 7) Reporting and analytics 8) Implementation 9) Project management

MDX (Multi-Dimensional eXpressions) is extraordinarily powerful, and is used for both self-service reporting and advanced analytics. If you are going to do multi-dimensional analysis, you have to know MDX. MDX enables business users to perform analyses and generate reports that are next to impossible in any other query language, such as SQL, or even in BEX queries. This is the complete guide to generating effective reports and solving business problems using MDX in NetWeaver BW. First, the author introduces you to this extraordinarily powerful query and calculation language for both advanced analytics and self-service reporting. With expert guidance, you'll explore the idiosyncrasies of the MDX language and understand what object(s) each function takes as its inputs and what they generate as outputs. Then, get an in-depth look at self-service reporting and analytics with MDX and how well these tasks are accomplished depending in large part on the modeling of InfoCubes. You'll find out about techniques for improving query response time, including use of the SAP NetWeaver BW Accelerator.Finally, you'll also learn about the recent and substantial enhancements to the SAP NetWeaver BW MDX engine, the MDX-based OLAP BAPI, and the OLAP Data Access (ODA) component in SAP BusinessObjects.

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 Do you really walk the fundamentals of SAP software without having to work through 400+ pages? Get more? Yes! This book is for you! The author concentrates on the essentials and spare you all the details you do not need as a beginner. Using simple, step-by-step examples, walk through the fundamentals of the SAP Enterprise Resource Planning (ERP) system including navigation, transactions, organizational units, and master data. Instructional videos help you experience the look-and-feel of SAP software without requiring access to an SAP system. This second edition has been enhanced with an overview of the existing SAP product portfolio in addition to SAP ERP. Learn more about the technical side of SAP ERP including industry solutions, ABAP, and enhancement packages (EHP). Get a short introduction to BI, CRM, SRM, SCM, GRC, NetWeaver, SuccessFactors, and HANA. Demystify SAP acronyms and get clarity on the purpose of different SAP products.-- Learn how to navigate in SAP ERP - Learn SAP basics including transactions, organizational units, and master data - Watch instructional videos with simple, step-by-step examples - Get an overview of SAP products and new development trends

[SQL Script for SAP HANA](#)

[Implementing SAP S/4HANA](#)

[Cloud Programming in Sap Bw Incl. Hana](#)

[SAP Billing and Revenue Innovation Management](#)

[SAP Bw/4hana 2.0](#)

[SAP on Azure Implementation Guide](#)

[MDX Reporting and Analytics with SAP NetWeaver BW](#)

[Migrating to SAP S/4HANA](#)

[SAP Analysis for Microsoft Office--Practical Guide](#)

[Practical Guide to SAP HANA and Big Data Analytics](#)

[Comprehensive Guide on the Road to SAP BW/4HANA](#)

Tailor your SAP S/4HANA system to your business needs with SAP Cloud Platform and the SAP S/4HANA Cloud SDK. In this comprehensive guide to side-by-side extensibility, you'll learn to build, secure, and maintain applications that extend the functional scope and reach of SAP S/4HANA. Once the apps are up and running, integrate them with SAP S/4HANA and customize them further with in-app extensions. Optimize SAP S/4HANA for your business!--

MDX Reporting and Analytics with SAP NetWeaver BWSAP PRESS

Gain practical guidance for implementing data models on the SAP BW/4HANA platform using modern modeling concepts. You will walk through the various modeling scenarios such as exposing HANA tables and views through BW/4HANA, creating virtual and hybrid data models, and integrating SAP and non-SAP data into a single data model. Data Modeling with SAP BW/4HANA 2.0 gives you the skills you need to use the new SAP BW/HANA features and objects, covers modern modeling concepts, and equips you with the practical knowledge of how to use the best of the HANA and BW/4HANA worlds. What You Will Learn Discover the new modeling features in SAP BW/4HANA Combine SAP HANA and SAP BW/4HANA artifacts Leverage virtualization when designing and building data models Build hybrid data models combining InfoObject, OpenODS, and a field-based approach Integrate SAP and non-SAP data into single model Who This Book Is For BI consultants, architects, developers, and analysts working in the SAP BW/4HANA environment.

Learn how to migrate your SAP data to Azure simply and successfully. Key Features Learn why Azure is suitable for business-critical systems Understand how to migrate your SAP infrastructure to Azure Use Lift & shift migration, Lift & migrate, Lift & migrate to HANA, or Lift & transform to S/4HANA Book Description Cloud technologies have now reached a level where even the most critical business systems can run on them. For most organizations SAP is the key business system. If SAP is unavailable for any reason then potentially your business stops. Because of this, it is understandable that you will be concerned whether such a critical system can run in the public cloud. However, the days when you truly ran your IT system on-premises have long since gone. Most organizations have been getting rid of their own data centers and increasingly moving to co-location facilities. In this context the public cloud is nothing more than an additional virtual data center connected to your existing network. There are typically two main reasons why you may consider migrating SAP to Azure: You need to replace the infrastructure that is currently running SAP, or you want to migrate SAP to a new database. Depending on your goal SAP offers different migration paths. You can decide either to migrate the current workload to Azure as-is, or to combine it with changing the database and execute both activities as a single step. SAP on Azure Implementation Guide covers the main migration options to lead you through migrating your SAP data to Azure simply and successfully. What you will learn Successfully migrate your SAP infrastructure to Azure Understand the security benefits of Azure See how Azure can scale to meet the most demanding of business needs Ensure your SAP infrastructure maintains high availability Increase business agility through cloud capabilities Leverage cloud-native capabilities to enhance SAP Who this book is for SAP on Azure Implementation Guide is designed to benefit existing SAP architects looking to migrate their SAP infrastructure to Azure. Whether you are an architect implementing the migration or an IT decision maker evaluating the benefits of migration, this book is for you.

The best-selling book on SAP S/4HANA migration is back! Dive into this complete guide to SAP S/4HANA migrations paths, processes, and tools. Start with the basics: explore prerequisites for migration and learn about the on-premise, cloud, and hybrid operating models. Then get to know each migration path: brownfield, greenfield, or selective data transition. Understand the steps you'll take as you plan, prepare, and perform your migration, for any implementation path you choose. Your SAP S/4HANA migration starts today!

1) Your guide to SAP S/4HANA migration and implementation projects 2) Planning, preparation, implementation: get the information you need for each project phase 3) Detailed instructions for brownfield and greenfield scenarios 4) 2nd edition, updated and expanded a. Migration Paths Cloud, on-premise, or hybrid? Brownfield, greenfield, or selective data transition? Explore your migration options and then tailor your path to a successful migration. b. Processes Walk through each migration method with expert advice, instructions, and screenshots for system conversions, new implementations, and more. c. Tools Master the tools of the trade: SAP S/4HANA migration cockpit, SAP S/4HANA migration object modeler, and a survey of the latest migration and modeling tools. 1) Cloud, on-premise, and hybrid scenarios 2) System conversion 3) New implementation 4) Data migration 5) Selective data transition 6) SAP S/4HANA Cloud 7) SAP Activate 8) Migration object modeler 9) Migration cockpit 10) Rapid data migration There are a lot of different ways to go live with a BW on HANA system - do you know which path to take? Whether you're performing a new installation, a SAP S/4HANA migration object modeler, or a full migration, this book shows you how to choose the right scenario and perform the necessary steps to accomplish it - from creating HANA-optimized cubes to reporting.

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

[Administration and Performance Optimization](#)

[Implementing Machine Learning with SAP S/4HANA](#)

[The Comprehensive Guide](#)

[Embedded EWM](#)

[Practical Guide to Advanced DSOs in SAP](#)

[SAP BW/4HANA and BW on HANA](#)

[SAP S/4HANA Finance](#)

[SAP BW/4HANA](#)

[SAP S/4HANA Finance for Group Reporting](#)

[Implementing Agile Data Models Using Modern Modeling Concepts](#)

[SAP Activate](#)

Preparing consolidated financial statements for an enterprise with a parent and one or more subsidiaries requires a detailed review of underlying transactions in order to properly reflect results and financial position. For large, integrated, and multinational organizations, likely with millions of transactions, it is imperative that the financial accounting software facilitate this process. This expertly written guide focuses on leveraging SAP S/4HANA Finance for group reporting. Explore key functionality and how the universal journal has led to the evolution of the group reporting solution. Using a detailed case study, the author discusses configuration and master data and walks the reader through the period-end process for consolidation and explores reports using financial transactions that have already been entered into SAP S/4HANA Finance for group reporting. Explore reports delivered with SAP S/4HANA Finance for group reporting. This book is targeted at both finance professionals and the functional consultants who perform the configuration and execution of processes for preparing consolidated financial statements. By using practical examples, tips, and screenshots, this book covers: - SAP S/4HANA Finance for group reporting and the universal journal - Configuration and master data - Period-end process for consolidation - Reporting and analysis

This book dives into SAP BW on SAP HANA. Explore the fundamentals of data warehousing on SAP HANA and identify what is different about running in an SAP HANA environment. Readers can utilize this handbook prior to or post migration to maximize their ROI. Review data loading methods and virtualization options. Walk step by step through external data integration in SAP BW 7.4 including enhanced composite providers, open ODS views, and virtual tables. Explore the new reporting options for SAP BW on SAP HANA and look at changes to the BI analytical engine, calculated key figures, and query management to SAP BusinessObjects tools. Dive into data architecture and learn more about virtualization options for enterprise data warehouse in conjunction with SAP HANA. Get detailed instructions for upgrading, maintaining, and running SAP BW on SAP HANA including service packs, transports, and admin functions. Learn more about modeling in SAP BW enabled by SAP HANA in regards to moving from LSA to LSA+-. By using practical examples, tips, and screenshots, the author brings readers up to speed on running SAP BW on SAP HANA. - Tips for upgrading, maintaining, and running BW on HANA - Data loading methods and real-time data acquisition - New reporting paradigm for BW on HANA - HANA data architecture

SAP BW/4HANA is SAP's next generation data warehouse solution. It is a new product, built entirely on one of the most advanced in-memory platforms today. It provides a simple set of objects that is well suited for modeling an agile and flexible layered architecture of a modern data warehouse. SAP BW/4HANA comes with state-of-the-art user interfaces for administrators, developers, and end users as well as completely SAP HANA-optimized processes that let you leverage huge amounts of data in real time for competitive advantage. Along with these it is possible to prepare for the system conversion to SAP BW/4HANA by already adopting the future target capabilities in SAP Business Warehouse powered by SAP HANA. Converting a SAP BW system to SAP BW/4HANA is not a simple task. There is no "wizard" that magically converts everything. SAP provides a well-defined process to guide you through the renovation of data warehouse and with this I have prepared this book to explain the basic principle and scope of In-Place Conversion for SAP BW/4HANA. What about older BW releases? SAP BW 7.5 is still in maintenance until 2030, but you can not expect any new functionalities for it.

SAP S/4HANA is here, and the stakes are high. Get your project right with this guide to SAP Activate! Understand the road ahead: What are the phases of SAP Activate? Which activities happen when? Start by setting up a working system, then walk through guided configuration, and learn how to deploy SAP S/4HANA in your landscape: on-premise, cloud, or hybrid. Take advantage of SAP Activate's agile methodology, and get the guidance you need for a smooth and successful go-live! In this book, you'll learn about: a. Foundations Get up to speed with SAP Activate. Learn about key concepts like fit-to-standard and fit/gap analysis, understand the methodology, and walk through the key phases of project management. b. Tools and Technologies Open up your SAP Activate toolkit. See how to access SAP Activate content with SAP Best Practices Explorer, SAP Solution Manager, and more. Then, use SAP Best Practices and SAP Model Company to set up a working system for your workshops. c. Deployment Deploy SAP S/4HANA, step by step. Follow detailed instructions to plan, prepare for, and execute your on-premise or cloud deployment activities according to SAP Activate. Walk through key scenarios for a hybrid implementation in your landscape. Highlights include: 1) Deployment 2) Guided configuration 3) Agile project delivery 4) SAP Best Practices 5) SAP Model Company 6) Organizational change management 7) SAP S/4HANA 8) SAP S/4HANA Cloud 9) Hybrid landscapes 10) C\_ACTIVATED05 certification

Run your SAP system on Microsoft Azure with this guide to architecture design and system administration! Get to know Microsoft Azure and its prerequisites, service options, and supported SAP products. Plan and build your system to last with high availability and disaster recovery, and then see how to migrate and operate your system once it's live. Learn to configure and use encryption, backups, automation, compliance, and other key features. Make your cloud project painless! a. Designing Your System Begin with design considerations: sizing, availability, security, cost, and more. Then understand Microsoft Azure's architecture and recommended practices for architecture design and service configuration. Walk through network architecture, storage options, and optimizations for your system. b. Operating Your System Make sure your system is operating at peak efficiency with tools like SAP Solution Manager and Azure monitor, and keep the bottom line in mind with cost management tools. c. Protecting Your System Hope for the best, plan for the worst. Make sure your system can run without significant downtime (high availability) and can be restored in the event of failure (disaster recovery). Leverage backup mechanisms, shared storage, and encryption to make your system resilient! d. Preparing for Migration Evaluate your migration readiness, preview the states of any migration project, and begin planning your migration. 1) Architecture 2) Deployment models and infrastructure 3) High availability and disaster recovery 4) Automation 5) Governance and compliance 7) Backup and recovery 8) Migration 9) Operations and monitoring 10) Case studies

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 Managing your SAP BusinessObjects? 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 BW 7.4-- Practical Guide](#)

[Project Management for SAP S/4HANA](#)

[SAP HANA](#)

[An Introduction](#)

[Functionality and Configuration](#)

[SAP Analytics Cloud](#)

[Move your business data to the cloud](#)

[First Steps in SAP](#)

[Second, Extended Edition](#)

[Implementing SAP BW on SAP HANA](#)

[Implementing SAP HANA](#)

Good Programming in SAP BW using ABAP is my personal view on how to set up coding for managing millions of records in the most performant manner. Maybe, you will be surprised that there are not 500 pages devoted to the secrets of performant ABAP coding but that I have covered the main points of interest in less than 50 printed pages. Thus, you can start reading without wading through an endless theoretical discourse about ABAP. If you have prior experience with BW and ABAP, you will find many hints for improving your coding. If you are new to this topic, after reading this book, you can begin coding without falling into simple beginner traps.

Explore and use the agile techniques of SAP Activate Framework in your SAP Projects. About This Book Explore the three pillars of SAP Activate and see how it works in different scenarios. Understand and Implement Agile and Scrum concepts in SAP Activate. Get to Grisp with SAP Activate framework and manage your SAP Projects effectively. Who This Book Is For This book is for readers who want to understand the working of SAP Activate and use it to manage SAP projects. Prior knowledge of SAP Hana is must. What You Will Learn Understand the fundamentals of SAP S4HANA. Get familiar with the structure and characteristics of SAP Activate. Explore the application scenarios of SAP Activate. Use Agile and Scrum in SAP Projects effectively and efficiently Implement your learning into a sample project to explore and understand the benefits of SAP Activate methodology. In Detail It has been a general observation that most SAP consultants and professionals are used to the conventional waterfall methodology. Traditionally, this method has been there for ages and we all grew up learning about it and started practicing it in real world. The evolution of agile methodology has revolutionized the way we manage our projects and businesses. SAP Activate is an innovative, next generation business suite that allows producing working deliverables straight away. Manage your SAP Project with SAP Activate, will take your learning to the next level. The book promises to make you understand and practice the SAP Activate Framework. The focus is to take you on a journey of all the phases of SAP Activate methodology and make you understand all the phases with real time project examples. The author explains how SAP Activate methodology can be used through real-world use cases, with a comprehensive discussion on Agile and Scrum, in the context of SAP Project. You will get familiar with SAP S4HANA which is an incredibly innovative platform for businesses which can store business data, interpret it, analyze it, process it in real time, and use it when it's needed depending upon the business requirement. Style and approach An easy to follow approach with concepts explained via scenarios and project examples

Put machine learning to work in SAP S/4HANA! Get started by reviewing your available tools and implementation options. Then, learn how to set up services, train models, and manage applications. Discover how machine learning is implemented in key lines of business, from finance to sales. With details on extensibility and related SAP Cloud Platform services, you'll find everything you need to make the most of machine learning! In this book, you'll learn about: a. Tools and Technologies Get to know the machine learning toolkit you can use to consume models: SAP HANA, SAP Cloud Platform, SAP Analytics Cloud, SAP Intelligent Robot Process Automation, and more. b. Technical Implementation Perform the technical setup in SAP S/4HANA. Learn how to implement key services, train machine learning models, and manage applications, from data integration to user interface design. c. Business Implementation See how machine learning improves your lines of business. Explore machine learning in SAP S/4HANA business processes for finance, procurement, sales, inventory, and more. Highlights Include: 1) Predictive analytics 2) Predictive intelligence 3) Tools and technologies 4) Architecture 5) Embedded services 6) Technical implementation 7) Business implementation 8) Extensibility 9) SAP HANA 10) SAP Cloud Platform 11) SAP Analytics Cloud

As an administrator, your ongoing to-do list dominates your desk. This book enables you to learn the daily, monthly, quarterly, and yearly administration tasks you should be performing, and how to perform them. It can help you advance your SAP NetWeaver BW system from a B-movie to a blockbuster.

With a focus on user experience, this guide teaches readers how to successfully create SAP S/4HANA Fiori elements analytical applications. Follow step-by-step implementation instructions for three popular Fiori analyticalapplications: Open Orders, Accounts Receivable, and Credit Limit Utilization. Walk through the process of understanding user requirements, performing fit and gap analyses, deriving analytical insights, and creating applications.Identify reusable solutions that will save time and improve the quality of your developments. Review strategies for improving performance and the user experience.- Learn the analytical capabilities of Fiori elements templates- Master metadata-driven development using OData services and annotations based on CDS views- Integrate Fiori elements applications to create drill downs and insight to action scenarios- Become more productive and improve quality with reusable solutions

SAP BW/4HANA has introduced a new era in data warehousing at SAP. Further steps towards simplification, flexibility, and performance are now possible with SAP HANA as the proven technological basis. SAP BW/4HANA offers modern concepts for data management, operation, and modeling and thus opens the door for fully innovative application scenarios. This book will show you how the SAP HANA database influences the Business Warehouse and how you can optimize your system. As a practical guide, the book is aimed at experienced SAP BW experts as well as decision makers who need a well-grounded overview. The authors address the versions SAP BW/4HANA 1.0 and SAP BW 7.5 in equal measure, highlighting new functions and differences. The book also focuses on the migration options and conversion tools for moving to SAP BW/4HANA. Use this reference book to enter the world of SAP BW with SAP HANA as the database platform! - Migration, sizing, operation, data management with SAP BW/4HANA and SAP BW 7.5 on HANA - The new central source Systems SAP HANA and ODP - New modeling options, mixed scenarios, LSA+/-, and differences compared to SAP BW 7.5 - The role of BW in operational SAP reporting

What is SAP BW/4HANA? More importantly, what can it do for you? Between these pages, you'll explore the answers to these questions, from simplified data models and SAP BW/4HANA Analytics to automated data lifecycle management. You'll find step-by-step instructions for installation and setup, a guide to administrative tasks to keep your SAP BW/4HANA system in tip-top shape, and the low-down on security in your new system. Explore the data warehouse of the future! Highlights: -SAP HANA -SAP BW/4HANA Analytics -Installation and deployment -Data modeling -Reporting and analytics -Data lifecycle management -Administration -Security -Data warehousing solution

[SAP HANA 2.0](#)

[In-Place Conversion Approach to SAP BW/4HANA](#)

[SAP S/4HANA Embedded Analytics](#)

[SAP on Microsoft Azure](#)

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[Data Modeling with SAP BW/4HANA 2.0](#)

[Warehouse Management in SAP S/4HANA](#)

[Side-by-side Extensions With the Sap S/4hana Cloud Sdk](#)

[Implementing SAP Global Trade Services](#)

[SAP BW on SAP HANA](#)

*"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!--*

*For the executive: what SAP HANA is and how it can help you For the practitioner: details on data modeling, data provisioning, and the SAP HANA client tools For everyone: the latest and greatest developments Suite on SAP HANA, advanced applications for SAP HANA, and more 2nd edition updated and expanded HANA is shifting SAP into high gear don t get left in the dust. In this updated edition of our best-selling book, explore the what, why, when, and how of SAP HANA. From building a business strategy to administering a system (and all the pit stops in between), you'll have the big picture you need to get started. Buckle up, because this is one car that doesn t travel in the slow lane. Business Strategy Learn how big data, in-memory computing, and SAP HANA come together to influence your business strategies. From trend reporting to predictive analysis. Implementation Options Which type of SAP HANA implementation is right for you? Learn what you need to know about your different options, and get started planning an implementation: technical requirements, integration considerations.Data Modeling and Provisioning Introduce yourself to Studio and Information Composer, SAP HANA's data modeling tools. Then get information about data provisioning in SAP HANA, including step-by- step instructions for SAP Data Services. SAP BusinessObjects BI Understand how the SAP BusinessObjects BI platform hooks up to SAP HANA, including information on SAP BusinessObjects Design Studio and SAP Visual Intelligence. Administration Take a look into the SAP HANA Administration Console and understand the most important administrative tasks in an SAP HANA system.*

*"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.*

*See how SAP S/4HANA will change your BI processes! Explore the embedded analytics architecture and data model to learn how to perform analytics on live transactional data. Business user? Walk step-by-step through SAP Smart Business KPIs and multidimensional reporting. Analytics specialist? Master the virtual data model and creating KPIs. Jack of all trades? Create CDS views, apply custom fields and logic, or see what's coming up with machine learning. This is your complete guide to SAP S/4HANA embedded analytics!!--*

*This book introduces developers and architects to the methods and options for implementing smart SAP HANA solutions based on real-world projects, and field tests. It contains clear recommendations for setting up data models, optimizing performance, using the SAP HANA modeler and development perspectives, and for solving complex requirements efficiently. Using a case study to walk through SAP HANA design elements and options, the authors share practical examples, tips, and screenshots for explaining and demonstrating the intricacies of SAP HANA. This book provides SAP HANA design patterns with the best balance between performance, memory consumption, and maintainability. Learn how to leverage advanced modeling techniques for implementing a sustainable architecture and for solving further business problems. • Data modeling guidelines and common test approaches • Information view performance optimization • Modular solutions to complex requirements • Best practices and recommendations What will your financial transformation look like? This introduction to SAP S/4HANA Finance shows you next-generation finance in the new suite: financial accounting, management accounting, risk management, financial planning, and more. Consider how each process works in SAP S/4HANA, and explore the SAP Fiori apps that help you meet today's business user and reporting requirements. From previewing project planning to navigating deployment options, take your first steps toward financial transformation! a. The Basics Explore financial transformation with SAP's new platform. Discover the system, the database, the UI, and more--all from a business perspective. Then, understand how an SAP S/4HANA Finance implementation would impact your organization. b. Core Processes Financial transformation affects every process. See what SAP S/4HANA does for management accounting, treasury and risk management, financial close, consolidation, reporting, and more. c. From Planning to Go-Live Get a head start on project preparation! See how SAP S/4HANA Finance fits into your IT landscape, and explore your deployment options: on-premise, hybrid, or cloud. Highlights include: 1) Universal Journal 2) SAP HANA 3) Management accounting 4) Financial close and consolidation 5) Reporting and analytics 6) Treasury and Risk Management 7) SAP Fiori applications 8) Deployment and adoption 9) Financial transformation 10) SAP S/4HANA*

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