

Data Modeling In Sap Netweaver Bw 7 1

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

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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!

Sound functioning data models are not only a prerequisite to a successful BW landscape, but also fundamental to allowing an organization's reporting and analysis operations to mature, evolve, and expand with the company. This book provides practical coverage of all the concepts and technologies associated with a fundamentally strong data model, ensuring that a model not only satisfies a company's existing reporting and analysis needs today, but is also built to grow and adapt to a company's changing needs.

Fundamentals of Data Modeling Learn about the fundamentals of data modeling, including architecture, front-end tools, and the Data Warehousing Workbench.
Flexible Data Models for SAP NetWeaver BW Understand why and how to develop a flexible data model.
New Topics and Technologies Discover new technologies such as the nearline storage accelerator, planning applications, and the SAP BusinessObjects themes.
Case Studies Benefit from extensive case studies that use actual data modeling project examples to illustrate how to develop a data model and how to use the Business Content for specific business purposes.
Valuable Reference Content Leverage the substantial reference content provided in the appendices, including a list of common SAP abbreviations, transaction codes, programs, functional modules, tables, and delta processes.
Highlights Basic

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Principles of Data Modeling· SAP NetWeaver BW and SAP BusinessObjects· DataProviders· Layered, Scalable Architecture (LSA)· SAP Business Content· Enterprise Data Warehouse (EDW)· The Reporting Layer· Planning Applications· Data Retention

This book explains how to develop flexible data models with an Enterprise Data Warehouse (EDW) and extend those models with new requirements. Based on detailed, real-life examples, you will understand the structure of the data models and learn step-by-step development of an EDW.

- 1 The Enterprise Data Warehouse (EDW) Discover the EDW approach from scratch including its creation from the Corporate Information Factory (CIF), different layers, possible variations, and implementation in SAP NetWeaver BW.
- 2 Development of an EDW Based on Detailed Examples Become familiar with the complete development of an EDW based on step-by-step, easily transferable examples.
- 3 Extension by New Requirements Understand how to classify new requirements and extend the EDW model.
- 4 Business Warehouse Requirements Uncover the most frequent business requirements and their implementation, including the history of objects, the number of objects to be included, and the admission of future data.
- 5 Load Control Master the difference between historically stable and historically correct data, and learn how you can implement the load control by means of process chains.

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

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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

Machine Learning Techniques for Enterprise Data
How to Integrate Planning Processes, Organizational Structures and Capabilities, and Leverage SAP IBP Technology

Leveraging the Business Intelligence Capabilities of SAP NetWeaver

The Comprehensive Guide

Designing IT for Business Innovation

Workflow Business Process Automation

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

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data clustering and segmentation Methods for detecting anomalies in your SAP data Data visualization techniques for making your data come to life

"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

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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.

How can we optimize differentiating business processes and exploit their full potential? Here Volker Stiehl

provides answers, utilizing the various options that the BPMN (Business Process Model and Notation) standard offers for planning, implementing and monitoring

processes. The book presents an approach for

implementing an architecture for applications that strives

to find a balance between development and maintenance costs, sustainability, scalability and fault tolerance; that

meets flexibility requirements without becoming

inordinately complex itself; and that keeps the end

application as abstract as possible from the system

landscape in which it operates. Based on the semantic

enhancements found in version 2.0 of the BPMN

standard, which have made it possible to execute

process models, his approach exploits BPMN to create

and run complete application architectures. In this

context, BPMN is not just used to model the business

processes of the application, as the "B" in BPMN might

suggest; but also to model and execute the integration

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processes between the systems. Throughout the book, the software package SAP Process Orchestration is used to illustrate the implementation of the proposed architecture, yet all recommendations are intentionally kept generic so that they can be implemented on any other comparable platform as well. Software architects, IT managers, software developers and project managers, as well as students of information and business technology will find the book a valuable resource. The proposed application architecture offers them a detailed blueprint, the principles of which they can use to plan and implement process-driven distributed applications. 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

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functionalities for it.

Practical Data Science with SAP

A Practical Guide to SAP NetWeaver Business Warehouse (BW) 7.0

Data Modeling in SAP NetWeaver BW 7. 1

Auditing and GRC Automation in SAP

How Companies Use Variations for Business Excellence and How Enterprise Variations Are Enabled by SAP Management of Data Quality in Enterprise Resource Planning Systems

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 will cover the following key topics: - Delivering innovation with SAP HANA - Creating a business case for SAP HANA - Thinking in-memory - Managing SAP HANA projects 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

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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

□Logistic Core Operations with SAP□ not only provides an overview of core logistics processes and functionality□it also shows how SAP□s Business Suite covers logistic core operations, what features are supported, and which systems can be used to implement end-to-end processes in the following logistic core disciplines: Procurement, Distribution, Transportation, Warehouse Logistics and Inventory Management, and Compliance and Reporting. In this context the authors not only explain their integration, the organizational set-up, and master data, but also which solution fits best for a particular business need. This book serves as a solid foundation for understanding SAP software. No matter whether you are a student or a manager involved in an SAP implementation, the authors go far beyond traditional function and feature descriptions, helping you ask the right questions, providing answers, and making recommendations. The book assists you in understanding SAP terminology, concepts and technological components as well as their closed-loop integration. Written in a clear, straight-forward style and using practical examples, it contains valuable tips, illustrative screenshots and flowcharts, as well as best practices□showing how business requirements are mapped into software functionality.

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This book presents a comprehensive introduction to Integrated Business Planning (IBP), building on practitioner's experience and showcasing the value gains when moving from disconnected planning to IBP. It also proposes a road map for the transformation of planning, including technological initiatives, business priorities and organizational processes, and demonstrates how to motivate different IBP stakeholders to work together, when and how to connect strategic (to be understood as long term SC&O), tactical and operational planning and how to leverage functional and data integration features of SAP IBP. Real-world business-process use cases help to show the practical implications of implementing SAP IBP. Furthermore the book explores new capabilities, talent acquisition and retention, career development leadership, IBP Center of Expertise. A discussion of how disruptive technology trends like big data, Internet of Things, machine learning and artificial intelligence can influence IBP now and in the near future rounds out the book.

SAP Business Intelligence

An Introduction

Architecture, Concepts, and Implementation

SAP BW on SAP HANA

SAP BW/4HANA and BW on HANA

Mastering the SAP Business Information Warehouse

Companies are leveraging the power of big data and are tasked with putting an infrastructure in place that will allow for the analysis of this data. One essential piece of that infrastructure is the data warehouse (DWH). This book offers a comprehensive introduction to SAP Business Warehouse (BW). You'll learn about the primary features and functions of SAP NetWeaver BW, including architecture, data modeling, data extraction, data staging, and reporting. Learn

about the different types of InfoProviders available in SAP BW and get a detailed understanding of InfoObjects and InfoCubes. Walk through the ETL process and best practices for administering InfoCubes and DataStore objects. Get tips on how to optimize data access using aggregates and statistics. By using practical examples, tips, and screenshots, the author brings readers new to SAP BW up to speed on the fundamentals and best practices for providing reports to users. • Tips for loading data from a source system to SAP BW with SAP ETL • How to automate ETL tasks using process chains • Using SAP BW Business Content to accelerate the design of your BW objects • Leverage BEx Query Designer and BEx Analyzer * The complete guide to business intelligence with SAP * Learn everything you need to know about data warehousing and reporting with SAP * Covers data modeling, data collection, administration, and more Finally--the entire world of business intelligence in SAP comes in one volume! This comprehensive guide covers the full spectrum of SAP solutions for BI: both SAP NetWeaver 7.3 and SAP BusinessObjects 4.x. In this book, you'll learn everything you need to know regarding data modeling and retrieval, optimal use of reporting tools from SAP (BEx and BusinessObjects), and the essential updates in the new SAP NetWeaver release. BI in the Enterprise Learn how to plan your BI strategy

and which special features you should keep in mind for your BI project. Backend Find everything you need to know about essential topics in data warehousing: data modeling, extraction, administration, and authorization. Frontend Explore the entire portfolio of reporting: SAP Business Explorer (BEx), SAP Crystal Reports, SAP BusinessObjects Dashboards, SAP BusinessObjects Web Intelligence, SAP BusinessObjects Explorer, and SAP BusinessObjects Analysis.Consolidation and Planning Discover the most important tools based on SAP NetWeaver BW, such as BW Integrated Planning and the consolidation solution, SEM-BCS. Practical Information Examine the most important administration issues in a way that's both understandable and practical (based on the current releases: SAP NetWeaver BW 7.3 and SAP BusinessObjects 4.x). Highlights

- * BI in the enterprise**
- * Data modeling**
- * ETL**
- * Administration**
- * Permissions**
- * SAP Business Explorer**
- * SAP BusinessObjects Analysis**
- * SAP Crystal Reports**
- * SAP BusinessObjects Dashboards (formerly Xcelsius)**
- * SAP BusinessObjects Web Intelligence**
- * SAP BusinessObjects Explorer**
- * SAP BusinessObjects BI platform**
- * BW integrated planning**
- * SAP SEM-BCS**

Don't just manage? Excel at managing your master data with SAP NetWeaver MDM 7.1 using this book and eBook.

What does SAP HANA mean for you? This book is your introduction to all the essentials: from implementation options to the basics of data modeling and administration. With cutting-edge coverage of Smart Data Access, Vora, and more, this bestseller has everything you need to take your first steps with SAP HANA.

First Steps in SAP Business Warehouse (BW)
SAP

IBM Software for SAP Solutions
Inverting the Paradox of Excellence

SAP BW Data Modeling

SAP HANA

Over time, overemphasis and adherence to the same proven routines that helped your organization achieve success can also lead to its decline resulting from organizational inertia, complacency, and inflexibility.

Drawing lessons from one of the best models of success, the evolutionary model, *Inverting the Paradox of Excellence* explains why your organization must proactively seek out changes or variations on a continuous basis for ensuring excellence by testing out a continuum of opportunities and advantages. In other words, to maintain excellence, the company must be in a constant state of flux! The book introduces the patterns and anti-patterns of excellence and includes detailed case studies based on different dimensions of

variations, including shared values variations, structure variations, and staff variations. It presents these case studies through the prism of the "variations" idea to help you visualize the difference of the "case history" approach presented here. The case studies illustrate the different dimensions of business variations available to help your organization in its quest towards achieving and sustaining excellence. The book extends a set of variations inspired by the pioneering McKinsey 7S model, namely shared values, strategy, structure, stuff, style, staff, skills, systems, and sequence. It includes case history segments for Toyota, Acer, eBay, ABB, Cisco, Blackberry, Tata, Samsung, Volvo, Charles Schwab, McDonald's, Scania, Starbucks, Google, Disney, and NUMMI. It also includes detailed case histories of GE, IBM, and UPS.

A four-color journey through a complete Tableau visualization Tableau is a popular data visualization tool that's easy for individual desktop use as well as enterprise. Used by financial analysts, marketers, statisticians, business and sales leadership, and many other job roles to present data visually for easy understanding, it's no surprise that Tableau is an essential tool in

our data-driven economy. Visual Analytics with Tableau is a complete journey in Tableau visualization for a non-technical business user. You can start from zero, connect your first data, and get right into creating and publishing awesome visualizations and insightful dashboards. • Learn the different types of charts you can create • Use aggregation, calculated fields, and parameters • Create insightful maps • Share interactive dashboards Geared toward beginners looking to get their feet wet with Tableau, this book makes it easy and approachable to get started right away. This book provides you with highly detailed information on all of the most important BI features of the new SAP NetWeaver 2004s Release. Readers gain a profound understanding of SAP BI and quickly learn how to master the new release, while avoiding costly errors. Familiar subjects like data modeling, ETL, web reporting, and planning are combined with expert insights on essential new BI functions and core concepts, making this reference an invaluable companion for your daily work. The authors provide exclusive details on advanced developments in BEx Analyzer and BEx Web Application Designer, as well as the BEx

Report Designer, BI-integrated planning, the BI Accelerator and the SAP Visual Composer, ensuring that your most important questions are addressed with practical guidance. Real-life examples, volumes of screen captures and detailed graphics, as well as step-by-step instruction, enable you to quickly and easily familiarize yourself with all of the new BI functions. The book is intended for SAP consultants, team members and managers in the areas of IT, BI, and controlling.

BI in SAP NetWeaver 2004s is the official abbreviation for the successor of the Business Information Warehouse (BW), which has been completely revised by SAP with its latest release. This practical handbook focuses on the core tasks of SAP BW and gives well-founded insights into the system architecture.

15th International Conference, HCI

International 2013, Las Vegas, NV, USA, July 21-26, 2013, Proceedings, Part III

Big Data Benchmarking

Universal Worklist with SAP NetWeaver Portal

SAP HANA - Implementation Guide

Data Warehousing with SAP BW7 BI in SAP NetWeaver 2004s

The SAP HANA Deployment Guide

This book constitutes the thoroughly refereed post-

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workshop proceedings of the 5th International Workshop on Big Data Benchmarking, WBDB 2014, held in Potsdam, Germany, in August 2014. The 13 papers presented in this book were carefully reviewed and selected from numerous submissions and cover topics such as benchmarks specifications and proposals, Hadoop and MapReduce - in the different context such as virtualization and cloud - as well as in-memory, data generation, and graphs. This book provides system architects, technical consultants, and IT management the tools to design a system architectures to deploy SAP applications on SAP HANA. Explore production and non-production systems, deployment options, backup and recovery, data replication, high-availability, and virtualization in detail. Dive into on-premise deployment options and data provisioning scenarios. Walk through scale-up and scale-out options and data partitioning considerations. Review the advantages and disadvantages of storage and system replication options and when to use each. Clarify how to leverage HANA for single node and distributed systems. Dive into a discussion on software and hardware virtualization. Compare the options available and guide your decision using flowcharts your organization can leverage to choose the proper technology for your environment and specific needs. This book enables readers to carefully evaluate and implement a well-considered SAP HANA scenario. - SAP HANA sizing, capacity planning guidelines, and data tiering - Deployment options and data provisioning scenarios - Backup and recovery options and procedures - Software and hardware virtualization in SAP HANA This comprehensive technical guide shows developers, technical consultants, and solution architects all the ins and outs of the Universal Worklist in SAP NetWeaver Portal. This hands-on workshop takes you, step by step, from standard

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configuration to working with different user interfaces and covers workflow integration from any back-end systems. Readers get an exclusive look under the hood of the Universal Worklist functionality and gain insight on future application scenarios. By reading this guide you will be able to reconfigure existing applications to conform with the UWL, write UWL-specific applications or transactions and adapt data sets in order to have the appropriate work item IDs created. Many screenshots and code samples illustrate the processes in detail, allowing you work with the UWL functionality appropriately - just as you will soon be doing in your daily work. Highlights: - Standard UWL configuration: Connecting SAP systems, items in the UWL, changing the basic look - Customizing UWL: Custom views, custom work item handlers - Integrating other types of workflow: Ad-hoc workflow, publishing workflow, 3rd party workflow - UWL behind the scenes: Performance tuning, working around limitations, SAP function modules

Demystifying "SAP Business Automation" and shape tangible use cases that add values to your organisation, Customers & Business DESCRIPTION The book has been written in such a way that the concepts are explained in detail, giving adequate emphasis on examples. To make clarity of the programming examples, logic is explained properly as well discussed using comments in program itself. The book covers the topics right from the start of the software using snapshots of starting the software and writing programs into it. The real-time examples are discussed in detail from simple to complex taking into consideration the requirement of IT consultants. Various sample projects are included in the Book and are written in simple language so as to give IT consultants the basic idea of developing projects in SAP. The examples given in book are user-focused and have been highly updated including

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topics, figures and examples. The book features more on practical approach with more examples covering topics from simple to complex one addressing many of the core concepts and advance topics also. **KEY FEATURES** Examples, problem solutions, and tips and tricks for daily practice are given in a simple manner. Learn the Troubleshooting & performance optimization techniques Get to know the Hard coding - Categorization & Recommendations SAP Business Workflow Introduction, Terminology, Function Modules and Reports are given in a simple form. **WHAT WILL YOU LEARN SAP NetWeaver Gateway Realtime Case Study and demos on workflow for all the major SAP applications Step-by-step instructions for adapting data flows, agent determination, event definitions, and more SAP Workflow upgrade from 4.6 to 6.0 WHO THIS BOOK IS FOR SAP Consultants, SAP technical, Business analysts, Architects, Team Leads, Project Leads, Project Managers, Account Manager, Account Executives, CEO, CTO, COO, CIO, Sr. VP, Directors. Table of Contents**

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The SAP HANA Project Guide

SAP HANA 2.0

Comprehensive Guide on the Road to SAP BW/4HANA

Practical Data Modeling with SAP NetWeaver BW

Visual Analytics with Tableau

Logistic Core Operations with SAP

This book is intended to provide a comprehensive and practical understanding of SAP NetWeaver BW 7.0, utilizing a real-world, scenario-based approach to detail the core, fundamental components and features. You'll learn about the primary features and functions of SAP NetWeaver BW 7.0, including architecture, data modeling, data extraction, data staging, and more. Then, delve into the specifics of data modeling with SAP NetWeaver BW. Coverage includes InfoObjects, working with master data, InfoCubes, MultiProviders, and Infosets. The authors take an in-depth look at data sources in SAP NetWeaver BW 7.0, extracting data from flat files, working with generic extractors, and extracting data from SAP NetWeaver BW. Plus, find out what's important regarding data transformation and staging. Topics covered include data

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transfer process, real-time data acquisition, typical staging architectures, etc. Finally, you'll explore an overview of administration and monitoring topics within SAP NetWeaver BW 7.0, including process chains, data upload monitoring, the BW administration cockpit, and working with aggregates.

Find meaning in your business data. Build, manage, and secure calculation views and table functions with the SAP Web IDE for SAP HANA. See how SAP Web IDE, SAP HANA Live, and SAP S/4HANA embedded analytics all interact to create effective data models. Explore advanced modeling concepts compatible with SAP HANA 2.0, like predictive modeling and geospatial analysis. Begin designing the perfect model today

- a. Getting Started Understand the general modeling concepts you need to build effective data models. Get comfortable with the SAP Web IDE, model components, and dimensional schemas.
- b. Build, Manage, Secure Get step-by-step instructions to create table functions and calculation views, and learn how to manage models in the SAP Web IDE.. Then, tackle the SAP HANA security concepts you need to lock down your data models.
- c. Advanced Topics See how SAP HANA Live and SAP S/4HANA embedded analytics factor in to

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your models, through virtual data models and core data service views. Then explore advanced features, including predictive models, spatial analysis, and more. 1) SAP HANA 2.0 2) Data Modeling 3) SAP Web IDE 4) Information views 5) Calculation views 6) Table functions 7) Model management 8) Model migration 9) SAP HANA Live 10) SAP S/4HANA embedded analytics 11) Security and authorizations

Information Technology professionals can use this book to move beyond the excitement of web services and service oriented architecture (SOA) and begin the process of finding actionable ideas to innovate and create business value. In *Enterprise SOA: Designing IT for Business Innovation*, SAP's blueprint for putting SOA to work is analyzed from top to bottom. In addition to design, development, and architecture, vital contextual issues such as governance, security, change management, and culture are also explored. This comprehensive perspective reduces risk as IT departments implement ESA, a sound, flexible architecture for adapting business processes in response to changing market conditions. This book answers the following questions: What forces created the need for Enterprise Services

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Architecture? How does ESA enable business process innovation? How is model-driven development used at all levels of design, configuration, and deployment? How do all the layers of technology that support ESA work together? How will composite applications extend business process automation? How does ESA create new models for IT governance? How can companies manage disruptive change? How can enterprise services be discovered and designed? How will the process of adapting applications be simplified? Based on extensive research with experts from the German software company SAP, this definitive book is ideal for architects, developers, and other IT professionals who want to understand the technology and business relevance of ESA in a detailed way--especially those who want to move on the technology now, rather than in the next year or two.

The five-volume set LNCS 8004--8008 constitutes the refereed proceedings of the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, NV, USA in July 2013. The total of 1666 papers and 303 posters presented at the HCII 2013 conferences was carefully reviewed and selected from 5210 submissions. These papers address the

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latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of human-computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. This volume contains papers in the thematic area of human-computer interaction, addressing the following major topics: identity, privacy and trust; user studies; interaction for society and community; HCI for business and innovation.

SAP NetWeaver BW and SAP BusinessObjects Enterprise SOA

SAP NetWeaver For Dummies

Process-Driven Applications with BPMN

Manufacturing Performance Management using SAP OEE

Implementing SAP CRM

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.

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

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

Over the last few years, financial statement scandals, cases of fraud and corruption, data protection violations, and other legal violations have led to numerous liability cases, damages claims, and losses of reputation. As a reaction to these developments, several regulations have been issued: Corporate Governance, the Sarbanes-Oxley Act, IFRS, Basel II and III, Solvency II and BilMoG, to name just a few. In this book, compliance is understood as the process, mapped not only in an internal control system, that is intended to guarantee conformity with legal requirements but also with internal policies and enterprise objectives (in particular, efficiency and profitability). The current literature primarily confines itself to mapping controls in SAP ERP and auditing SAP systems. Maxim Chuprunov not only addresses this subject but extends the aim of internal controls from legal compliance to include efficiency and profitability and then well beyond, because a basic understanding of the processes involved in IT-supported compliance management processes are not delivered along with the software. Starting with the

requirements for compliance (Part I), he not only answers compliance-relevant questions in the form of an audit guide for an SAP ERP system and in the form of risks and control descriptions (Part II), but also shows how to automate the compliance management process based on SAP GRC (Part III). He thus addresses the current need for solutions for implementing an integrated GRC system in an organization, especially focusing on the continuous control monitoring topics. Maxim Chuprunov mainly targets compliance experts, auditors, SAP project managers and consultants responsible for GRC products as readers for his book. They will find indispensable information for their daily work from the first to the last page. In addition, MBA, management information system students as well as senior managers like CIOs and CFOs will find a wealth of valuable information on compliance in the SAP ERP environment, on GRC in general and its implementation in particular.

SAP BI Analysis Office - a Practical Guide

5th International Workshop, WBDB 2014, Potsdam, Germany, August 5-6- 2014, Revised Selected Papers

SAP HANA Advanced Modeling

SAP NetWeaver MDM 7.1 Administrator's Guide

Human-Computer Interaction: Users and Contexts of Use

Integrated Business Planning

This book dives into SAP BW on SAP HANA. Explore the

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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 connections 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 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

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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

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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.

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

Data Modeling for SAP HANA 2.0

SAP HANA Advanced Data Modeling

In-Place Conversion Approach to SAP BW/4HANA

Implementing and Configuring Overall Equipment Effectiveness

Procurement, Production and Distribution Logistics