

## Sap Query Reporting Practical Guide

Translation of: Praxishandbuch SAP--Datenarchivierung.

This book provides comprehensive guidance to analyze and optimize performance in SAP BW Release 3.5. First, the author introduces you to basic SAP BW concepts (architecture, data modeling), key methods and tools for systematic performance analysis, as well as exclusive data design tips. Then, benefit from expert insights on indices, statistics, database optimizers, and critical aspects of reporting performance. Full-length chapters deal with aggregates as well as extraction and loading performance. In addition, InfoCube partitioning and compression are discussed extensively. This unique reference gives administrators the background knowledge, practical guidance, and all the tools needed to effectively analyze and tune BW performance immediately. Plus, BW developers benefit from detailed data design descriptions and expert tips that cannot be found elsewhere.

In this IBM® Redbooks® publication, we give an overview of different data management topics related to a typical SAP® data center. The intrinsic functionality of SAP is not designed to completely handle all the tasks of a data center by itself, but the SAP system offers several interface possibilities to attach external tools to it to accomplish this task We explain SAP basic concepts and the issues with SAP data management. We introduce Tivoli® Storage Manager and all of its products that are related to SAP data management. We provide some comparison between database backup and recovery tools. Finally, we discuss data archiving using IBM DB2® CommonStore for SAP, and discuss high availability requirements and disaster recovery considerations. The second part of this book discusses a practical implementation of SAP backup and recovery with Tivoli Storage Manager. We implement this setup on two separate SAP systems: one running DB2 and the other running Oracle® database. We also implement LAN-free backup and FlashCopy® scenarios. In the sample implementation section, we show many different tasks, such as backup and restore, database recovery, backup monitoring, and tuning. We also cover some advanced backup/availability considerations, such as split mirror backup and standby databases. This book helps individuals that operate an SAP environment to devise a strategy for a sound and comprehensive data backup solution using the IBM Tivoli Storage Management product family.

Wrap your head around pricing and the condition technique with this nuts-and-bolts guide! First become versed in the fundamentals: condition types, master data settings, and condition lists. Then employ standard configurations, from condition records to pricing in sales documents. Use function modules, deploy user exits, and create custom workarounds to pick the right price for your products!

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

Here, readers will learn how to revolutionize their data presentation with SAP BusinessObjects Web Intelligence 4.0. You can either build a foundational understanding of WebI by beginning with the fundamentals; or you can jump straight into the advanced discussions that are new to the latest release.

· Learn to create effective reports for specific enterprise reporting needs· Maximize the usability of BW applications with multiple BEx tools· Discover a cache of hidden reporting functionalityThis book provides you with a detailed, how-to guide for using SAP NetWeaver Business Warehouse (BW) 7.x and the BEx tools to generate enterprise reports. It will teach you how to design and distribute effective, attractive reports that meet critical business objectives.When, Why, and How to Use BEx ReportingUnderstand the common business scenarios and problems associated with reporting with SAPNetWeaver BW and learn how reporting can be used to avoid problems.Retrieving Data from SAP NetWeaver BW 7.xLearn how to retrieve data, prepare the data, and present the data for reporting and enterprise-wide distribution.Building Effective BW QueriesExplore the basic process for creating a query from scratch using the BEx Query Designer, which is a critical component in the foundation of a quality business intelligence user experience.Providing Queries to Your UsersDiscover different avenues for delivering BW queries to users, including SAP-delivered web templates, custom web templates, or the BEx analyzer Excel interface.Running Queries in ExcelLearn how users can run BW reports directly in Microsoft Excel using SAP's BEx analyzer tool, and how Excel workbooks can be customized to improve productivity.

With this practical guide, you ll learn how to develop mappings, adapters, and proxies for SAP NetWeaver Process Integration. Each exercise includes detailed descriptions for all development and configuration objects (including monitoring), and then concludes with an integration example. The book is suitable for SAP NetWeaver PI beginners, and can also serve as a reference guide for experienced users. Presentation from a Developer s Perspective Provides a detailed overview of the features and capabilities of SAP NetWeaver PI from a developer s point of view. Comprehensive Exercises Explains mappings, adapters, and proxies using practical, hands-on development of components. Concrete Activity Guidelines Offers detailed tutorials with numerous programming examples to explain the implementation of all development and configuration objects. Multilayer Scenario Uses an integration example to explain the process of implementing a sales process (inquiry, quotation, ordering, and billing). Presentation Across Releases Provides an overview of all procurement processes, along with a list of the transactions in the SAP system.

Utilize the power of SQL queries to bring Business Intelligence to your small to medium-sized business with this book and eBook.

"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/](http://www.wiley.com/compbooks/) Visit the companion Web site at [www.wiley.com/compbooks/mcdonald](http://www.wiley.com/compbooks/mcdonald) The companion Web site contains the sample code presented in the text of the book, plus implementation templates.

Basic Principles of Query Reporting Learn about the relationships between QuickViewer, user groups, the InfoSet, and SAP Query. This book explains how to localize tables and which query utilities support you in your work. All Major Query Features Discover everything you need to know about selection and layout variants, drilldown functions, icons, ABC analyses, and much more. Designing User-Friendly Reports Master challenging reporting requirements, including ABAP coding. Utilize ranked lists and statistics, Microsoft Excel integration, and much more. Query Administration How do you transport queries? How do you improve performance? What do you need to consider with regard to authorizations? Here, you find the answers to these questions and others. Immediately Usable Queries for Download Highlights · Fundamentals - SAP Tables and Table Links - QuickViewer, SAP Query, Query Utilities · Query Functions - InfoSet and SAP Query in Detail - Selection and Layout Variants - Traffic Light Icons, Drilldown, Graphics, and ABC Analyses · Designing User-Friendly Queries - Statistics and Ranked Lists - ABAP Fundamentals - Integration with Microsoft Excel · Query Management - Transport System - Data Retrieval and Function Modules - Authorizations and Transaction Creation · Real-Life Examples

CD-ROM contains: Examples presented in text.

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 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

Revised edition of the authors' SAP SuccessFactors employee central, [2016]

SAP Query Reporting Practical Guide SAP Query Reporting Practical Guide SAP PRESS

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

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

This IBM® Redbooks® publication explains how IBM Cognos® Business Intelligence (BI) administrators, authors, modelers, and power users can use the dynamic query layer effectively. It provides guidance for determining which technology within the dynamic query layer can best satisfy your business requirements. Administrators can learn how to tune the query service effectively and preferred practices for managing their business intelligence content. This book includes information about metadata modeling of relational data sources with IBM Cognos Framework Manager. It includes considerations that can help you author high-performing applications that satisfy analytical requirements of users. This book provides guidance for troubleshooting issues related to the dynamic query layer of Cognos BI. Related documents: Solution Guide : Big Data Analytics with IBM Cognos BI Dynamic Query Blog post : IBM Cognos Dynamic Query Extensibility

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

Perform fast interactive analytics against different data sources using the Trino high-performance distributed SQL query engine. With this practical guide, you'll learn how to conduct analytics on data where it lives, whether it's Hive, Cassandra, a relational database, or a proprietary data store. Analysts, software engineers, and production engineers will learn how to manage, use, and even develop with Trino. Initially developed by Facebook, open source Trino is now used by Netflix, Airbnb, LinkedIn, Twitter, Uber, and many other companies. Matt Fuller, Manfred Moser, and Martin Traverso show you how a single Trino query can combine data from multiple sources to allow for analytics across your entire organization. Get started: Explore Trino's use cases and learn about tools that will help you connect to Trino and query data Go deeper: Learn Trino's internal workings, including how to connect to and query data sources with support for SQL statements, operators, functions, and more Put Trino in production: Secure Trino, monitor workloads, tune queries, and connect more applications; learn how other organizations apply Trino

If you are a business analyst, BI developer, or an IT professional who wants to learn the A to Z of how to work with Web Intelligence reporting tools and different types of data, then this book is for you. The only thing you need is a basic understanding of what Business Intelligence is and data concepts.

Capturing global market using sap tools, techniques & best practices 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 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 Comprehensive coverage of SAP UI5, Fiori, Webdynpro, Object oriented ALV with SALV Factory method laying more stress on Realtime case studies. The Book also covers numerous practical examples on LSMW tool, ALE, IDOC, SAP Query tool, SAP Quick viewer tool, SAP Report Painter tool, BAPI, Web services, DME tool, SAP MDM data conversion Simple language, crystal clear approach, straight forward comprehensible presentation. Adopting user-friendly classroom lecture style. The concepts are duly supported by several examples. The Book cover the topics in a manner which fulfil the skill gap among industry and academia. Examples discussed on SAP tools, methodologies and techniques are helpful for developing projects for IT consultants. WHAT WILL YOU LEARN This book will Óneed to haveÓ title for various reasons as articulated below. Gaining Customers by adopting and implementing different SAP tools, methodologies and techniques in organizations / projects / programs Help in sustaining Customer Relationships as the core of all successful working relationships are two essential characteristics: trust and commitmentÊ Help in delivering ÓSuperior Value and Getting an Equitable ReturnÓ as understanding value in business markets and doing business based on value delivered gives suppliers the means to get an equitable return for their effortsÊ This document is a compilation of SAP ABAP/4 coding and efficiency standards and will provide guidance in creating readable, maintainable code. It is intended for all developers in the SAP R/3 systemÊ This book may work as dictionary and generates a comprehensive list of value elements 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 \_1. Ê Ê DME Overview 2. Ê Ê Purpose of Sap MDM Data Conversion Document 3. Ê Ê Conversion Methodologies 4. Ê Ê Web Services 5. Ê Ê BAPI User Guide 6. Ê Ê SAP Report Painter 7.

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\* 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

Accounting standards are changing! Get up to speed and dive into the fundamentals of SAP Revenue Accounting. Review the basic legal principles that determine the reporting of revenues and common technical challenges, as well as the legal basis for ASC 606. Walk step-by-step through the revenue recognition process according to ASC 606. Get best practices on how to prepare your system for an implementation and get a list of activities required to implement the Revenue Accounting and Reporting (FI-RA) business add-on in SAP ERP. Identify the three steps required to transition from the old to the new revenue recognition standard. Review the impact of the Business Rule Framework Plus (BRFplus). Get tips and best practices for data consistency and reporting. By using detailed examples, tips, and screenshots, this book covers critical accounting standard topics including: - ASC 606 statutory requirements - Integration between SAP SD, PS, FI-RA, and FI-GL - Troubleshooting data migration challenges - BRFplus in revenue accounting

The definitive reference for building actionable business intelligence—completely revised for SAP BusinessObjects BI 4.0. Unleash the full potential of business intelligence with fact-based decisions, aligned to business goals, using reports and dashboards that lead from insight to action. SAP BusinessObjects BI 4.0: The Complete Reference offers completely updated coverage of the latest BI platform. Find out how to work with the new Information Design Tool to create universes that access multiple data sources and SAP BW. See how to translate complex business questions into highly efficient Web Intelligence queries and publish your results to the BI Launchpad. Learn how to create dashboards from data sourced through a universe or spreadsheet. The most important concepts for universe designers, report and dashboard authors, and business analysts are fully explained and illustrated by screenshots, diagrams, and step-by-step instructions. Establish and evolve BI goals Maximize your BI investments by offering the right module to the right user Create robust universes with the Information Design Tool, leveraging multiple data sources, derived tables, aggregate awareness, and parameters Develop a security plan that is scalable and flexible Design Web Intelligence reports from basic to advanced Create sophisticated calculations and advanced formatting to highlight critical business trends Build powerful dashboards to embed in PowerPoint or the BI Launchpad Use Explorer to visually navigate large data sets and uncover patterns

SAP BI Edge is a powerful business intelligence (BI) solution for midsize companies. This book offers a comprehensive overview of what to expect and where you should start building your reporting framework. You'll get detailed information on reporting tools, like Information Designer, Universe Designer, BI Launchpad, Crystal Reports, and Dashboards (formerly Xcelsius). Get tips for creating an InfoSet strategy and leverage it to run reports. Learn how to use the Information Design Tool (IDT) to design data models and layer your data to create universes. Identify the common queries you will need to get started and walk through how to publish SAP reporting data in a web format and create practical management dashboards. By using practical examples, tips, screenshots, and a case study the author brings readers new to SAP BI Edge up to speed on the fundamentals. - Installation and setup tips for SAP BI Edge with SAP ERP - Query and reporting tools best practices - How to build a dynamic SAP ERP data model based on your configuration - Step-by-step instructions on how to create a SAP BI universe

This comprehensive guide reveals the key elements of successful B2B integration and collaborative e-commerce, by highlighting business needs, technologies, and development strategies. It equips companies with practical guidelines for quickly implementing an effective B2Bi strategy, and prepares them for the next wave of B2B integration and collaborative e-commerce. It clarifies the intricate dependencies among all the components of B2Bi, including integration patterns, enterprise application integration (EAI), business process management (BPM), Internet security, XML, Web services, middleware technologies, and integration brokers. Included are future technologies that will have a significant impact on B2Bi architectures, such as intelligent software agents, wireless technologies, and peer-to-peer computing. This reference provides a suitable framework for the design, development, and implementation of B2B integration, along with several case studies. Editors: Dr Marcus Healey — Strategy Consultant for InfoFirst Inc., USA Dr Shyam Samtani (Language Editor) — Professor of English, P G Department of English, Indore Christian College, India

Contributors: Kenneth Tamburello — Senior Consultant Specialist at Bluesphere (an EDS company), USA Deepak Bajaj — Course Coordinator of Project Management, University of Technology Sydney (UTS), Australia Dimple Sadhwani — Senior Software Engineer, Island ECN, USA Pawan Samtani — Country Operations Manager, Oracle Corporation, India Contents: The Big Picture:IntroductionComponents, Benefits, Challenges and Applications of B2B IntegrationEstablished Integration Components:Integration PatternsEnterprise Application Integration (EAI)Business Process Management (BPM)Extensible Markup Language (XML)XML Standards for E-BusinessMiddleware TechnologiesIntegration BrokersInternet SecurityEvolving Integration Components:Web ServicesWireless TechnologiesSoftware AgentsB2Bi-Enabled Applications:Supply Chain Management (SCM)E-Marketplaces and Collaborative NetworksConclusion:B2B to P2P Evolution Readership: MBA students, business executives, IT managers and programmers, and CIOs.

From basic transactions to troubleshooting, this title helps you execute your daily Controlling tasks with fewer steps and greater ease. It shows you how to manage master data, set up planning and budgeting work, and conduct actual postings using routine CO capabilities and new technologies integrated alongside the Controlling component.

Training materials provided by SAP are not user-friendly and do not facilitate the learning of the complex screens in R/3 system. This book walks users through the process of creating, customizing, and generating reports using SAP.

SAP Query Reporting is everything an SAP user needs to know to create your own reports in SAP using Query tools, no programming required! Designed as a hands-on learning aid, you will be able to follow along and perform each new skill learned on your own SAP system. The book's tutorial style, step-by-step instruction will teach you everything you need to know to use the SAP Query tools, including its configuration, advanced usage, and integration to Microsoft. Additionally the book gives best business practice recommendations for the technology and internal business use of the tools. Learn to: Understand query security, table reads, and table joins Perform basic and advanced calculations Incorporate pictures and graphics into reports Configure shortcuts and tran codes, schedule jobs and email PDFs Utilize SAP Reporting with Microsoft Office applications

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

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.

Core Data Services (CDS) is SAP's method of defining persistent data models in the database layer. CDS is a key piece of the SAP HANA landscape, speeding up data retrieval by pushing database processing to the database engine. This book provides a practical introduction to the SQL-based functionality and methods. Learn how to use SAP HANA Studio to utilize perspectives to create objects in the SAP HANA database, including the SAP HANA development perspective. Use syntax to create non-CDS database artifacts via SAP HANA Studio development perspective using SAP HANA XS Classic. Explore CDS artifacts, how to use SAP HANA XS to define an artifact, and dive into a detailed example of how to create objects using a CDS concept. Learn how to create CDS objects using SAP HANA web-based development workbench, SAP Web IDE for SAP HANA, and SAP HANA Studio ABAP Workbench. Explore two methods to extract data from CDS views using ABAP. - Get an introduction to CDS and

SAP HANA Studio - Create CDS views and code new structures in ABAP - Use templates, associations, and annotations - Explore select clauses and aggregate functions

Don't just read about SAP BW - get your hands dirty with this updated, must-have guide. Tackle all of the common tasks you'll encounter when working with SAP BW, from creating objects, to extracting and transforming data, to mastering the BEx tools. Keep your skills sharp with information new to this edition, including updates for SAP BW 7.4 and BW on SAP HANA. Throughout the book, follow along with a comprehensive case study to cement your knowledge.

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

Take an in-depth look at how basic financial accounting processes work in SAP S/4HANA in this practical guide. Learn about the SAP Fiori launchpad and how to find your way around the many apps available for finance with the help of screenshots and examples. Understand the finance organizational structure and master data and discover some of the SAP Best Practices for finance such as accounts payable and receivable, credit management, asset accounting, cash and bank management, and closings. Explore different ways to enter and upload G/L journal entries and what is meant by the Universal Journal. Run through the bank postings and different options for the bank statements. Go deeper into the structure of asset accounting, including the chart of depreciation, depreciation areas, asset classes, and depreciation methods. Learn about multidimensional reporting, KPIs, and the various analytical apps supplied with SAP S/4HANA.

- Financial accounting processes in SAP S/4HANA - Finance organizational structure, key financial master data - Daily transactions using SAP Fiori apps - SAP Fiori apps for displaying and reporting financial data

Practical Guide to Human Resource Information Systems (HRIS) is a comprehensive presentation on global HRIS implementations and the associated challenges faced in such global projects. It begins with the basic HR and IT concepts and guides the readers through the complete life cycle of HRIS applications, spanning from planning to execution. Both HR and IT play an equal role in the development of HRIS applications. This book will help students from both HR and IT streams in assimilating the intricacies of implementation of HRIS projects. HR is one of the most popular ERP product implementation topics in today's business world. Its implementation needs a practical discussion using examples from real world. The examples, the case study and discussions in the book follow an international approach rather than discussing only a single country HRIS implementations. A real-life case study that flows through various chapters of the book brings out challenges in the implementation of HR specific projects. In today's global economy, HR is changing fast and dives into areas such as strategy outsourcing, mergers and acquisitions (M & A). This book covers all these areas and other topics that are relevant to today's HR world, providing more value to the readers. It provides illustrations to assist readers in visualizing the topics discussed and in developing a sound understanding of the integration and data aspects of HRIS systems. This book will be useful as a text for a course in HRIS wherever prescribed for the MBA (HR) and MBA (IT) students. The book encourages self-directed study and thought process, based on references provided at the end of each chapter, and hence will also be useful to consultants, HR professionals, and IT professionals working with HR departments.

A guide to SAP BusinessObjects Web Intelligence that can sharpen your data presentations. From creating a report, to displaying data via charts, to sharing reports with others, it covers everything from the basics to the actionable details that inform your work. It also includes expanded coverage of new topics like SAP HANA and mobility.

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