

Sap Bw 4hana Master Guide

In this book written for SAP BI, big data, and IT architects, the authors expertly provide clear recommendations for building modern analytics architectures running on SAP HANA technologies. Explore integration with big data frameworks and predictive analytics components. Obtain the tools you need to assess possible architecture scenarios and get guidelines for choosing the best option for your organization. Know your options for on-premise, in the cloud, and hybrid solutions. Readers will be guided through SAP BW/4HANA and SAP HANA native data warehouse scenarios, as well as field-tested integration options with big data platforms. Explore migration options and architecture best practices. Consider organizational and procedural changes resulting from the move to a new, up-to-date analytics architecture that supports your data-driven or data-informed organization. By using practical examples, tips, and screenshots, this book explores: - SAP HANA and SAP BW/4HANA architecture concepts - Predictive Analytics and Big Data component integration - Recommendations for a sustainable, future-proof analytics solutions - Organizational impact and change management

With 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 analytical applications: 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

Ready to improve the handling of your master data? Walk through implementing, configuring, and using SAP Master Data Governance (SAP MDG)! Whether your organization requires custom applications or works with out-of-the-box central governance, consolidation, and mass processing, you'll find detailed instructions for every step. From data, process, and UI modeling to data replication, master your data! Highlights include: 1) Deployment 2) Data modeling 3) Process modeling 4) Data quality 5) Data replication 6) Data migration 7) Consolidation 8)

Operations 9) Mass processing 10) Integrations 11) Extensions 12) Analytics
"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"-- Dive into this expertly written introduction to embedded analytics in SAP. Get quickly up to speed on the most-important embedded analytics concepts and tools available in SAP S/4HANA. Walk through project activities and get the answer to the question—how much of SAP standard can I use? Obtain an overview of front-end tools including KPIs, multidimensional reporting client, and view/query browser. Learn how to build your own KPIs and reports. Explore custom query options, including those based on CDS technology and BW modeling tools. Get practical advice for managing roles and authorizations. Dive into a list of the most-frequently asked questions. - Explore SAP S/4HANA Embedded Analytics - Look at front-end tools including multidimensional clients - Learn how to build your own KPIs and reports - Identify custom query options
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.

This guide introduces readers to the fundamentals of cloud computing with SAP technologies and applications and dives deep into SAP S/4HANA Cloud, essentials edition, formerly known as SAP S/4HANA Public Cloud or multitenant edition (MTE). Explore and evaluate SAP S/4HANA deployment models and compare and contrast the similarities and differences between them. Obtain a multi-dimensional understanding of SAP S/4HANA Cloud, essentials edition, including business functionality coverage, landscape and systems, configuration and extensions, release strategy, user experience, and the implementation framework, SAP Activate. Walk through the detailed criteria and arm yourself with the information you need to make a fully informed decision on whether S/4HANA

Cloud, essentials edition is the right choice for your organization. - Basics of cloud computing in SAP and SAP Cloud strategy - Analysis of SAP S/4HANA deployment models - DNA of S/4HANA Cloud, essentials edition - SAP S/4HANA Cloud assessment criteria and considerations

Preparing for your SAP HANA 2.0 technology associate exam? Make the grade with this C_HANATEC_16 certification study guide! From installation and configuration to monitoring and troubleshooting, this guide will review the key technical and functional knowledge you need to pass with flying colors. Explore test methodology, key concepts for each area, and practice questions and answers. Your path to SAP HANA 2.0 certification begins here! In this book, you'll learn about: a. The Test Whether this is your first SAP HANA 2.0 certification or your third, you need to know what's going to be tested. This guide follows the exact structure of the exam, so deepen your knowledge of SAP HANA 2.0 and walk through new certification topics. b. Core Content Review major subject areas like deployment, database administration, security, monitoring, migration, and more. Then master important terminology and key takeaways for each subject. c. Q&A After reviewing each chapter, put your knowledge to the test with questions and answers for each section and improve your test-taking skills. Highlights include: 2) System architecture and deployment 3) Installation and configuration 4) Database administration 5) Tenant databases 6) Scale-out systems 7) Database security 8) Backup and recovery 9) System replication 10) Monitoring and troubleshooting 11) Root cause analysis 12) Migration 13) C_HANATEC_16 exam

Practical Guide to SAP HANA and Big Data AnalyticsEspresso Tutorials GmbH Get MM on SAP S/4HANA! Set up the master data your system needs to run its material management processes. Learn how to define material types, MRP procedures, business partners, and more. Configure your essential processes, from purchasing and MRP runs to inventory management and goods issue and receipt. Discover how to get more out of SAP S/4HANA by using batch management, special procurement types, the Early Warning System, and other built-in tools. Highlights include: 1) Materials master data 2) Vendor master data 3) Business partners 4) Purchasing information data 5) Batch management 6) Material requirements planning (MRP) 7) Inventory management 8) Goods issue/goods receipt (GI/GR) 9) Material Ledger 10) Invoice verification 11) Document management 12) Reporting

SAP's latest product, SAP S/4HANA, is revolutionizing how we approach finance by re-architecting data persistency and by merging accounts and cost elements. This book offers a fundamental introduction to SAP S/4HANA Finance, explaining how Accounting and Controlling have merged, and how they integrate with planning and group reporting. Learn about the new con-figuration options, updated data models, and what this means for reporting in the future. Obtain a first-hand look at the new user interfaces in SAP Fiori. Review the new universal journal, asset accounting, material ledger, and margin analysis functionality. Examine the steps required to migrate to SAP S/4HANA Finance and walk through the deployment options. Explore the new possibilities for reporting and analysis. Learn how to set up roles and business catalogs to provide

users with access to the Fiori applications, and gain an understanding of the various types of applications. By using practical examples, tips, and screenshots, this book helps readers to:

- Understand the basics of SAP S/4HANA Finance
- Explore the new architecture, updated configuration options, and SAP Fiori
- Examine SAP S/4HANA Finance migration steps
- Understand alternative deployment options, such as a central finance deployment

Pop the hood on SAP S/4HANA with this guide to its technical and application architecture! Understand the new data and programming models that underpin SAP S/4HANA and see how they differ from SAP ERP. Learn about technology components, like embedded analytics and integration. Then walk through the architecture of individual application areas like finance and logistics to see how they work and interact. Considering SAP S/4HANA Cloud? Explore scoping, compliance, performance, and more. Get the complete blueprint to SAP S/4HANA!

- Technical Architecture** Build your understanding of SAP S/4HANA's technical foundation. Explore capabilities like analytics, interfaces, enterprise search, and the SAP Fiori user experience. See how the virtual data model and the ABAP RESTful programming model work.
- Application Architecture** Learn about SAP S/4HANA's master data types. Then step through each application area to explore its key architecture components: sales and service operations, procurement, project management, manufacturing, transportation management, extended warehouse management, and finance.
- SAP S/4HANA Cloud** Discover the architecture of SAP S/4HANA Cloud, whether it's identity and access management, security and compliance, or side-by-side extensions. Learn how SAP S/4HANA Cloud manages tasks and explore the fundamentals of configuration.

- 1) SAP S/4HANA
- 2) SAP S/4HANA Cloud
- 3) Master data
- 4) Sales and service
- 5) Logistics and manufacturing
- 6) Transportation management
- 7) Extended warehouse management
- 8) Finance
- 9) Identity and access management
- 10) Security and compliance
- 11) Cloud operations
- 12) Side-by-side extensions

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

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

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