

Sqlscript Fur Sap Hana Performante Datenbankabfra

This book offers a comprehensive guide to implementing SAP and HANA on private, public and hybrid clouds. Cloud computing has transformed the way organizations run their IT infrastructures: the shift from legacy monolithic mainframes and UNIX platforms to cloud based infrastructures offering ubiquitous access to critical information, elastic provisioning and drastic cost savings has made cloud an essential part of every organization's business strategy. Cloud based services have evolved from simple file sharing, email and messaging utilities in the past, to the current situation, where their improved technical capabilities and SLAs make running mission-critical applications such as SAP possible. However, IT professionals must take due care when deploying SAP in a public, private or hybrid cloud environment. As a foundation for core business operations, SAP cloud deployments must satisfy stringent requirements concerning their performance, scale and security, while delivering measurable improvements in IT efficiency and cost savings. The 2nd edition of "SAP on the Cloud" continues the work of its successful predecessor released in 2013, providing updated guidance for deploying SAP in public, private and hybrid clouds. To do so, it discusses the technical requirements and considerations necessary for IT professionals to successfully implement SAP software in a cloud environment, including best-practice architectures for IaaS, PaaS and SaaS deployments. The section on SAP's in-memory database HANA has been significantly extended to cover Suite on HANA (SoH) and the different incarnations of HANA Enterprise Cloud (HEC) and Tailored Datacenter Integration (TDI). As cyber threats are a significant concern, it also explores appropriate security models for defending SAP cloud deployments against modern and sophisticated attacks. The reader will gain the insights needed to understand the respective benefits and drawbacks of various deployment models and how SAP on the cloud can be used to deliver IT efficiency and cost-savings in a secure and agile manner.

The International Conference on Systems Science 2013 (ICSS 2013) was the 18th event of the series of international scientific conferences for researchers and practitioners in the fields of systems science and systems engineering. The

conference took place in Wroclaw, Poland during September 10-12, 2013 and was organized by Wroclaw University of Technology and co-organized by: Committee of Automatics and Robotics of Polish Academy of Sciences, Committee of Computer Science of Polish Academy of Sciences and Polish Section of IEEE. The papers included in the proceedings cover the following topics: Control Theory, Databases and Data Mining, Image and Signal Processing, Machine Learning, Modeling and Simulation, Operational Research, Service Science, Time series and System Identification. The accepted and presented papers highlight new trends and challenges in systems science and systems engineering.

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

This volume presents the revised and peer reviewed contributions of the 'EPR Future 2014' conference held in Dornbirn/Austria on November 17-18th, 2014. The book assembles latest research and recent practice on enterprise information systems in general and specifically on core topics like business process management (BPM), business intelligence (BI) and enterprise resource planning (ERP) systems. To master the challenges of enterprise information systems comprehensively, this book contains chapters with a business as well as an IT focus to consider enterprise information systems from various viewpoints.

Vereinfachung der Entwicklung von Geschäftsanwendungen durch Konsolidierung von Programmierkonzepten und -technologien

Multidimensional Views on Enterprise Information Systems

HPI Future SOC Lab : Proceedings 2013

SAP/ABAP HANA Programming

Learn to design and build SAP HANA applications with ABAP/4

The driving force of SAP Hana

Diese kumulative Arbeit zeigt anhand der eigenen Fachveröffentlichungen als Forschungsansatz die komplexen Datenstrukturen der Kundenvertragsabrechnung im SAP IS-U auf und legt dar, dass zielgerichtete, d.h. am Unternehmensinteresse ausgerichtete, Auswertungen im SAP IS-U strukturiert möglich und sinnvoll sind, um daraus folgend Business Intelligence - Anwendungen (analog konsolidierender Reporting-Dashboards oder ähnliches) zu generieren. Entscheidend ist an dieser Stelle die Festlegung, dass das Ziel die Herstellung einer weitreichenden Sicht auf die vorhandenen Möglichkeiten ist, so dass auch ältere Veröffentlichungen in diese Ausarbeitung einbezogen wurden.

Microsoft Power BI is a cloud-based service that helps you easily visualize and share insights from your organization's data. This book will get you started with Business Intelligence using the Power BI tool, covering essential concepts like installation, building basic dashboards and visualizations to make your data come to life.

SAP Hana is popular due to its large main memories and massive parallel job processing capabilities. It makes SAP Hana real fast. The motive of this book is to develop a good understanding of how SAP Hana is used. The book doesn't need any experience with SAP HANA or software development. It's a self-learning guide that even beginners can use.

Everything about SAP HANA is explained like architecture, modeling, reporting, SQL script, and so on. This book is full of information, hands-on and real life project experience learning. In this edition, you will identify various components of SAP HANA and its working process.

Though the book size is small, it tried to justify almost all important topics of SAP HANA with examples and images. These includes SLT, the connection between SAP system and HANA, Data services, etc. You will also learn how to use SQL script in HANA. By the end of this book, you will be able to integrate SAP HANA pretty much with any platform. Over a time you can use this edition as a handbook and harness your SAP Hana skills. So all and above this edition will save a lot of your expenses spend behind other courses and learning resources. Table

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Dieser Herausgeber-Band bietet eine umfassende Einführung in das Gebiet Big Data. Neben einer Markteinschätzung und grundlegenden Konzepten (semantische Modellbildung, Anfragesprachen, Konsistenzgewährung etc.) werden wichtige NoSQL-Systeme (Key/Value Store, Column Store, Document Store, Graph Database) vorgestellt und erfolgreiche Anwendungen aus unterschiedlichen Perspektiven erläutert. Eine Diskussion rechtlicher Aspekte und ein Vorschlag zum Berufsbild des Data Scientist runden das Buch ab. Damit erhält die Leserschaft Handlungsempfehlungen für die Nutzung von Big-Data-Technologien im Unternehmen.

Physik studiert - und dann?

Microsoft Power BI Quick Start Guide

Learn HANA in 24 Hours

Understand how successful software works

24 Interviews aus der Arbeitswelt

Building a Columnar Database on RAMCloud

Dieses Praxishandbuch entführt Sie in die technische Welt von SAP HANA. Wer dort erstmals eintaucht, steht gleich zu Beginn vor Fragen zum Aufbau der Systemlandschaft mit passender Hard- und Software, Skalierung und Dimensionierung. Die anschließenden Kernpunkte der Verwaltung einer SAP-HANA-Datenbank werden Ihnen anhand des kompletten Lebenszyklus aufgezeigt: von der Installation, über den täglichen Betrieb, das Sicherstellen der Betriebskontinuität bis hin zur Fehleranalyse, -behebung und -vermeidung. Sie erhalten eine kurze Einführung in die Werkzeuge, die Ihnen für die Bewältigung dieser unterschiedlichen Aufgaben zur Verfügung stehen – allen voran das SAP HANA Cockpit. Auch grundlegende Sicherheitsaspekte in den Bereichen Benutzerverwaltung, Auditing und Verschlüsselung finden Berücksichtigung. Das Buch wendet sich an Systemadministratoren und Berater, die sich neu in SAP HANA einarbeiten oder bereits erste Erfahrungen gemacht haben und ein handliches Nachschlagewerk für die wichtigsten Fragen der Planung und Administration einer SAP-HANA-Landschaft suchen. - Architekturkonzepte von SAP HANA verstehen und anwenden - Sizing, Skalierbarkeit, Mandantenfähigkeit, Hochverfügbarkeit - Probleme vermeiden, frühzeitig erkennen und beseitigen - einfach nachvollziehbar anhand der SAP HANA, express edition

Enrich your skill set with Open SQL and CD5 views DESCRIPTION The book has been written in such a way that the concepts are explained in detail, giving adequate emphasis on examples. To provide clarity on the programming examples, logic is properly explained and discussed by using comments in program itself. The topics covered in this book include starting the software using snapshots of the same and writing programs. Simple to complex SAP/ ABAP HANA examples are provided in detail, considering the requirement of IT consultants the basic idea of developing projects in it. The examples provided in this book are user-focused and are provided through sections, figures and

examples. KEY FEATURES Comprehensive coverage of SAP / ABAP HANA with emphasis on real-time case studies. Practical examples along with Screen personas, SAP Fiori cloud, OPEN SQL, Native SQL & ADBC, CDS support in SAP NW ABAP 7.4 SP5, SAP HANA Studio, performance enabler Rules & guidelines. Simple language, crystal clear approach, straight forward comprehensible presentation. Concepts are duly supported with examples. Topic coverage with the aim to fill the skill gap among industry and academia. SAP Business Suite powered by SAP HANA are helpful for developing projects for IT consultants WHAT WILL YOU LEARN Gaining Customers by adopting and implementing SAP HANA in organisations / projects / programs Facilitating to maintain Customer Relationships as the core of all successful working relationships are two essential characteristics: trust and commitment. To demonstrate their trustworthiness and commitment to customers, progressive suppliers periodically provide evidence to customers of their accomplishments. Help in delivering “Superior Value and Getting an Equitable Return” as understanding value in business markets and doing business based on value delivered gives suppliers the means to get an equitable return for their efforts. 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 system. This document is based primarily on ABAP/4. WHO THIS BOOK IS FOR Person from IT domain having software background, preferably with SAP technical or techno functional or functional or domain knowledge. Table of Contents 1. Introduction 2. General Programming Standards 3. ABAP Internal Names 4. ABAP/4 Dictionary 5. Security Authorisations considerations 6. ABAP/4 Coding Techniques

SAP Hana is popular due to its large main memories and massive parallel job processing capabilities. It makes SAP Hana real fast. The motive of this book is to develop a good understanding of how SAP Hana is used. The book doesn't need any experience with SAP HANA or software development. It's a self-learning guide that even beginners can use. Everything about SAP HANA is explained like architecture, modeling, reporting, SQL script, and so on. This book is full of information, hands-on and real life project experience learning. In this edition, you will identify various components of SAP HANA and its working process. Though the book size is small, it tried to justify almost all important topics of SAP HANA with examples and images. These includes SLT, the connection between SAP system and HANA, Data services, etc. You will also learn how to use SQL script in HANA. By the end of this book, you will be able to integrate SAP HANA pretty much with any platform. Over a time you can use this edition as a handbook and harness your SAP Hana skills. So all and above this edition will save a lot of your expenses spend behind other courses and learning resources. Table Content Chapter 1: Introduction 1. Introduction SAP HANA 2. Why to choose SAP HANA? 3. SAP HANA In-Memory Strategy 4. SAP HANA Advantages 5. SAP HANA Compare to BWA (Business Warehouse Accelerator) Chapter 2: Hana Architecture 1. SAP HANA Architecture 2. SAP HANA Landscape 3. SAP HANA Sizing Chapter 3: SAP HANA Studio 1. Pre-Requisite for SAP HANA Studio 2. Supported Platform 3. Download & Install SAP HANA Studio 4. Add System in SAP HANA Studio 5. Work With SAP

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The “HPI Future SOC Lab” is a cooperation of the Hasso-Plattner-Institut (HPI) and industrial partners. Its mission is to enable and promote exchange and interaction between the research community and the industrial partners. The HPI Future SOC Lab provides researchers with free of charge access to a complete infrastructure of state of the art hard- and software. This infrastructure includes components, which might be too expensive for an ordinary research environment, such as servers with up to 64 cores. The offerings address researchers particularly from but not limited to the areas of computer science and business information systems. Main areas of research include cloud computing, parallelization, and In-Memory technologies. This technical report presents results of research projects executed in 2013. Selected projects have presented their results on April 10th and September 24th 2013 at the Future SOC Lab Day events.

SQLScript für SAP HANA

SAP HANA Cookbook

Enabling Real-Time Business Intelligence

SAP in 24 Hours, Sams Teach Yourself

SAP Hana Modeling Practical World

Proceedings of ERP Future 2014

This book demystifies the developments and defines the buzzwords in the wide open space of digitalization and finance, exploring the space of FinTech through the lens of the financial services professional and what they need to know to stay ahead. With chapters focusing on the customer interface, payments, smart contracts, workforce automation, robotics, crypto currencies and beyond, this book aims to be the go-to guide for professionals in financial services and banking on how to better understand the digitalization of their industry. The book provides an outlook of the impact digitalization will have in the daily work of a CFO/CRO and a structural influence to the financial

management (including risk management) department of a bank.

This book constitutes the thoroughly refereed conference proceedings of the 6th International Workshop on Business Intelligence for the Real-Time Enterprise, BIRTE 2012, held in Istanbul, Turkey, in August 2012, in conjunction with VLDB 2012, the International Conference on Very Large Data Bases. The BIRTE workshop series provides a forum to discuss and advance the science and engineering enabling real-time business intelligence and the novel applications that build on these foundational techniques. This volume contains ten research papers, which were carefully reviewed and selected from 13 submissions.

Der Einsatz der Sprache HANA SQLScript hat zwei generelle positive Effekte: Einsparung von Speicherplatz in der HANA-Datenbank und Verkürzung der Laufzeit für ein zu installierendes Projekt. Dieses Buch ist Ihr Einstieg in die SAP-Welt von SQLScript! Der Autor zeigt Ihnen Prozeduren, Funktionen und Calculation Views, beispielsweise zur Beschleunigung von BW-Transformationen oder auch für virtuelles Staging von SAP-BW-Daten. Sie lernen die komplette HANA-SQLScript-Syntax von einfachen bis hin zu fortgeschrittenen Anweisungen kennen und wie Sie damit Prozesse beschleunigen, vereinfachen und auch monitoren. Dieses Buch richtet sich sowohl an Projektleiter, die nachvollziehen möchten, was in den implementierten Prozessen geschieht und wie man diese verbessern kann, als auch an Entwickler, die mithilfe dieses Buches eine effiziente HANA-Entwicklung mit SQLScript-Funktionalitäten vornehmen können. Der Autor ist überzeugt, dass SQLScript zukünftig mehr und mehr den ABAP-Code ersetzen wird, da gerade in BW/4HANA oder SAP S/4HANA eine optimale Performance nur durch Ausführung in der Datenbank statt auf dem Applikationsserver erreichbar ist. - Einführung in SAP HANA SQLScript - Anwendungsbeispiele von SQLScript in Prozeduren, Funktionen und BW/4HANA - SQLScript in ABAP Core Data Services (CDS) für Reportingzwecke - Tipps und Tricks für den performanten Einsatz von SQLScript

This book examines the field of parallel database management systems and illustrates the great variety of solutions based on a shared-storage or a shared-nothing architecture. Constantly dropping memory prices and the desire to operate with low-latency responses on large sets of data paved the way for main memory-based parallel database management systems. However, this area is currently dominated by the shared-nothing approach in order to preserve the in-memory performance advantage by processing data locally on each server. The main argument this book makes is that such an unilateral development will cease due to the combination of the following three trends: a) Today's network technology features remote direct memory access (RDMA) and narrows the performance gap between accessing main memory on a server and of a remote server to and even below a single order of magnitude. b) Modern storage systems scale gracefully, are elastic and provide high-availability. c) A modern storage system such as Stanford's RAM Cloud even keeps all data resident in the main memory. Exploiting these characteristics in the context of a main memory-based parallel database management system is desirable. The book demonstrates that the advent of RDMA-enabled network technology makes the creation of a parallel main memory DBMS based on a shared-

storage approach feasible.

ABAP Development for SAP HANA

ABAP-Programmierung unter SAP HANA

The Impact of Digital Transformation and FinTech on the Finance Professional

Exception-basierte Datenanalyse im SAP IS-U kommunaler

Energieversorgungsunternehmen

6th International Workshop, BIRTE 2012, Held at the 38th International Conference on Very Large Databases, VLDB 2012, Istanbul, Turkey, August 27, 2012, Revised Selected Papers

Computational Intelligence in Intelligent Data Analysis

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

Mit SAP S/4HANA brach für das Enterprise Resource Planning ein neues Zeitalter an. Neben der deutlich gesteigerten Performance und Reintegration von Geschäftsbereichen hat die Einführung der In-Memory-Datenbank SAP HANA auch die ABAP-Programmierung modernisiert. Die zweite Auflage dieses Buchs berücksichtigt die noch einmal deutlich verbesserte SAP-HANA-Unterstützung und zeigt, was die damit einhergehenden Änderungen für Sie als Entwickler bedeuten. Es führt Sie in den Aufbau und Umgang mit der Entwicklungsumgebung Eclipse inklusive ABAP Development Tools (ADT) ein. Sie lernen SQLScript kennen und erfahren, wann Sie bevorzugt Native SQL statt ABAP SQL für das Programmieren von Datenbankprozeduren einsetzen. Die Autoren stellen Ihnen darüber hinaus die veränderte View-Modellierung im SAP HANA Studio vor und erläutern, wie SAP-HANA-Anwendungen in das Produktivsystem transportiert werden. Anhand ausführlicher Übungsprogramme zu einem durchgängigen Beispiel finden Anfänger einen leichten Einstieg in die SAP-HANA-Programmierung. Fortgeschrittene erhalten zudem viele neue Anregungen, etwa, wie ABAP-Code untersucht und Laufzeitaspekte überwacht und analysiert werden können. - Entwicklungsumgebung: HANA-Objekte mit

Eclipse entwickeln - Datenbankprogrammierung: Sichten auf der SAP-HANA-Datenbank anlegen - Vergleich: SQLScript versus die alten ABAP-Befehle - HANA-spezifische Techniken: Textsuche und Entscheidungstabellen

Der vorliegende Sammelband enthält Beiträge zum Thema SAP HANA, einer Softwareplattform, die im Kern aus einer In-Memory-Datenbank besteht. Im ersten Beitrag werden die theoretischen Grundlagen gelegt und der aktuelle Markt für In-Memory-Datenbanken untersucht. Anhand eines konkreten Fallbeispiels wird im darauffolgenden Beitrag die Vorgehensweise bei einer SAP-HANA-Migration erläutert. Anschließend werden mögliche Migrationsstrategien für einen Systemwechsel von SAP ERP nach SAP HANA diskutiert. Der vierte Beitrag geht auf den SAP Solution Manager ein, mit dem die Einführung von SAP HANA unterstützt wird. Schließlich werden Backup- und Recovery-Konzepte untersucht, die eine wichtige Rolle bei In-Memory-Datenbanken spielen.

Design, develop, and master efficient Power BI solutions for impactful business insights Key Features Get to grips with the fundamentals of Microsoft Power BI Combine data from multiple sources, create visuals, and publish reports across platforms Understand Power BI concepts with real-world use cases Book Description Microsoft Power BI Complete Reference Guide gets you started with business intelligence by showing you how to install the Power BI toolset, design effective data models, and build basic dashboards and visualizations that make your data come to life. In this Learning Path, you will learn to create powerful interactive reports by visualizing your data and learn visualization styles, tips and tricks to bring your data to life. You will be able to administer your organization's Power BI environment to create and share dashboards. You will also be able to streamline deployment by implementing security and regular data refreshes. Next, you will delve deeper into the nuances of Power BI and handling projects. You will get acquainted with planning a Power BI project, development, and distribution of content, and deployment. You will learn to connect and extract data from various sources to create robust datasets, reports, and dashboards. Additionally, you will learn how to format reports and apply custom visuals, animation and analytics to further refine your data. By the end of this Learning Path, you will learn to implement the various Power BI tools such as on-premises gateway together along with staging and securely distributing content via apps. This Learning Path includes content from the following Packt products: Microsoft Power BI Quick Start Guide by Devin Knight et al. Mastering Microsoft Power BI by Brett Powell What you will learn Connect to data sources using both import and DirectQuery options Leverage built-in and custom visuals to design effective reports Administer a Power BI cloud tenant for your organization Deploy your Power BI Desktop files into the Power BI Report Server Build efficient data retrieval and transformation processes Who this book is for Microsoft Power BI Complete Reference Guide is for those who want to learn and use the Power BI features to extract maximum information and make intelligent decisions that boost their business. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, then Learning Path is for you. It consists of real-world examples on Power BI and goes deep into the technical issues, covers additional protocols, and much more.

Schnittstellenprogrammierung in SAP ABAP

SAP on the Cloud

The Architecture of SAP ERP

Big Data

Definitive Guide to Learn SAP HANA for Beginners

Grundlagen, Systeme und Nutzungspotenziale

Du studierst Physik oder willst Physik studieren? Du findest Physik spannend, kannst dir aber noch nicht so ganz vorstellen, welche Berufswege man damit später einschlagen kann? Dieses Buch gibt dir einen Einblick in die Welt jenseits des Studiums: 24 Physikerinnen und Physiker aus den unterschiedlichsten Berufsrichtungen geben in Interviews einen Einblick in ihr Tätigkeitsfeld und ihren Weg dorthin. Persönliche und berufsorientierte Tipps helfen bei der beruflichen Orientierung. Aus dem Inhalt: Physikerinnen und Physiker im Beruf

Industrie - Forschung auf den Markt bringen Software - Mit dem Algorithmus zur Lösung Wissensvermittlung - Physik greifbar machen Wissenschaft in Anwendung - Arbeitsweisen übertragen Physik und Gesellschaft - die Physik bietet noch mehr
Mit SAP S/4HANA ist für das Enterprise Resource Planning ein neues Zeitalter angebrochen: Neben der deutlich gesteigerten Performance und Reintegration von Geschäftsbereichen hat die Einführung der In-Memory-Datenbank SAP HANA auch die ABAP-Programmierung modernisiert. Dieses Buch baut auf dem HANA-optimierten ABAP-Release 7.4 auf und zeigt, was die damit einhergehenden Änderungen für Sie als Entwickler bedeuten. Es führt Sie in den Aufbau und Umgang mit der neuen Entwicklungsumgebung Eclipse ein. Sie lernen SQLScript kennen und erfahren, wann Sie besser Native SQL als Open SQL für das Programmieren von Datenbankprozeduren einsetzen. Der Autor stellt Ihnen darüber hinaus die veränderte View-Modellierung im SAP HANA Studio vor und erläutert, wie SAP-HANA-Anwendungen in das Produktivsystem transportiert werden. Anhand ausführlicher Übungsprogramme zu einem durchgängigen Beispiel finden Anfänger einen leichten Einstieg in die SAP-HANA-Programmierung. Fortgeschrittene erhalten zudem viele neue Anregungen, etwa, wie ABAP-Code untersucht sowie Laufzeitaspekte überwacht und analysiert werden können. - Entwicklungsumgebung: HANA-Objekte mit Eclipse entwickeln - Datenbankprogrammierung: Sichten auf der SAP-HANA-Datenbank anlegen - HANA-spezifische Funktionen: SQLScript versus die alten ABAP-Befehle - Änderungen mit Codebeispielen ab Release 7.40

Written for BRFplus consultants, ABAP developers, and solution architects, this expert guide offers tips and techniques for optimizing the use of BRFplus in scenarios where business rules need to be applied to many business cases simultaneously. Explore how to push past the breaking point of BRFplus rules by enabling scalability and process any size of population dependent only on the physical resources available. Review BRFplus basics. Dive into design rules for a single-run scenario and learn how to avoid poor-performance traps. Analyze principles for designing business rules for mass-execution scenarios. Obtain guidelines for designing ABAP programs to enable parallel processing of business logic, which is critical for handling big data. Get an introduction to the Application Interface Framework (AIF) and learn how to create HANA Rules Framework (HRF) using analytical mode in BRFplus. Readers will learn how to: - Use BRFplus in a single-run scenario - Create BRFplus rules for mass execution - Design ABAP programs to enable parallel processing of business logic - Monitor BRFplus with the SAP Application Interface Framework

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

Practical Guide to SAP HANA and Big Data Analytics

Performante Datenbankabfragen für SAP HANA erstellen

Microsoft Power BI Complete Reference

Database Design for the Low-Latency Enabled Data Center

Build dashboards and visualizations to make your data come to life

Proceedings of the International Conference on Systems Science 2013 (ICSS 2013)

An easy-to-understand guide, covering topics using practical scenarios and live examples, and answering all possible questions. If you are a solution architect, developer, modeler, sales leader, business transformation managers, directors, COO, or CIO; this book is perfect for you. If you are interested in other technologies and want to jump-start into SAP, this book gives you the chance to learn SAP HANA. Basic knowledge of RDBMS concepts enough is to get you started.

Dieses Buch bietet einen einfachen Einstieg in die Welt der ABAP-Schnittstellen. Es führt in alle relevanten klassischen Technologien für die System-zu-System-Kommunikation mit ABAP ein, einschließlich synchroner und asynchroner Techniken. Im Mittelpunkt steht zunächst das RFC-Protokoll, mit dem Sie Anwendungen erstellen und das Ihnen als Grundlage für moderne Schnittstellen wie Web Services in ABAP dient. Erfahren Sie, wie Sie in nur drei Minuten einen RFC (Remote Function Call) anlegen und begleiten Sie den Autor anschließend durch ein detailliertes Beispiel. Tauchen Sie ein in das Erstellen und Verwenden von BAPIs, IDocs und ALE und verschaffen Sie sich einen Überblick über SAP Connectors. Schließlich lernen Sie zusätzliche wichtige Aspekte der Verwendung von Funktionsbausteinen in SAP S/4HANA kennen. Am Ende der Lektüre können Sie entscheiden, welche Schnittstellentechnologie für Ihr Projekt zu wählen ist und direkt mit der Implementierung beginnen. - Überblick über klassische SAP-ABAP-Schnittstellentechniken - Remote Function Call (RFC) und BAPIs - IDoc und ALE für System-System-Kommunikation - Einsatz von Remote Function Module (RFM) und BAPIs in SAP S/4HANA

Thoroughly updated and expanded! Includes new coverage on HANA, the cloud, and using SAP's applications! In just 24 sessions of one hour or less, you'll get up and running with the latest SAP technologies, applications, and solutions. Using a straightforward, step-by-step approach, each lesson strengthens your understanding of SAP from both a business and technical perspective, helping you gain practical mastery from the ground up on topics such as security, governance, validations, release management, SLA, and legal issues. Step-by-step instructions carefully walk you through the most common questions, issues,

and tasks. Quizzes and exercises help you build and test your knowledge. Notes present interesting pieces of information. Tips offer advice or teach an easier way to do something. Cautions advise you about potential problems and help you steer clear of disaster. Learn how to... Understand SAP terminology, concepts, and solutions Install SAP on premises or in the cloud Master SAP's revamped user interface Discover how and when to use in-memory HANA databases Integrate SAP Software as a Service (SaaS) solutions such as Ariba, Successfactors, Fieldglass, and hybris Find resources at SAP's Service Marketplace, Developer Network, and Help Portal Avoid pitfalls in SAP project implementation, migration, and upgrades Discover how SAP fits with mobile devices, social media, big data, and the Internet of Things Start or accelerate your career working with SAP technologies SAP HANA is the SAP product for in-memory computing. It streamlines transactions, analytics, planning, and data processing on a single in-memory database allowing businesses to operate in real-time. Over the course of the last few years, the authors have led many diverse SAP HANA projects with extraordinary success resulting in 10,000, or in some cases even 100,000, times improvement of system performance. In this book, the authors share their findings from SAP HANA projects to help ensure the success of your SAP HANA project. The SAP HANA project guide will also help you identify suitable scenarios for your company to get started with in-memory computing, while sketching out a long term plan to provide innovation to your entire business using SAP HANA. We'll cover the following key topics: - Delivering innovation with SAP HANA - Creating a business case for SAP HANA - Thinking in-memory - Managing SAP HANA projects

SAP BW/4HANA und BW auf HANA, 2. erweiterte Auflage

Learn HANA in 1 Day

ABAP-Programmierung unter SAP S/4HANA - 2., erweiterte Auflage

Advances in Systems Science

Real Time Analytics with SAP HANA

Bring your data to life with the powerful features of Microsoft Power BI

This book provides various insights on the overall HANA modeling process, which essentially involves the activities such as requirement analysis for the KPIs, solution design, creating information models (views), implementing SQL Script based solutions, performance optimization of the models, testing and validations. It will help the learners, in understanding the practical application of various SAP HANA modeling concepts to achieve complex reporting requirements. The contents of this book includes various building blocks of HANA modeling solutions: Key features and use cases of SAP HANA platform to address various requirements related to analytics Project planning approaches such as requirement analysis, implementation methodology and solution design aspects related to native HANA Implementing Calculation views for different reporting requirements - Modeling Concepts and practical

examplesSQL Script programming concepts and applications Data validation and debugging techniques related to HANA modelsBest practices for modeling HANA views, managing the changes and transportsPerformance analysis tools and optimization methods for HANA modelsCase studies and solution approaches using graphical modeling and SQL script This book - compiled by software architects from SAP - is a must for consultants, developers, IT managers, and students working with SAP ERP, but also users who want to know the world behind their SAP user interface.

Complex systems and their phenomena are ubiquitous as they can be found in biology, finance, the humanities, management sciences, medicine, physics and similar fields. For many problems in these fields, there are no conventional ways to mathematically or analytically solve them completely at low cost. On the other hand, nature already solved many optimization problems efficiently. Computational intelligence attempts to mimic nature-inspired problem-solving strategies and methods. These strategies can be used to study, model and analyze complex systems such that it becomes feasible to handle them. Key areas of computational intelligence are artificial neural networks, evolutionary computation and fuzzy systems. As only a few researchers in that field, Rudolf Kruse has contributed in many important ways to the understanding, modeling and application of computational intelligence methods. On occasion of his 60th birthday, a collection of original papers of leading researchers in the field of computational intelligence has been collected in this volume.

Previous edition: ABAP development for SAP HANA / Thorsten Schneider, Eric Westenberger, and Hermann Gahm. 2014.

Nativ und Embedded, SAP BW auf HANA, SAP BW/4HANA

SAP HANA - Datenmodellierung

Ein Vorgehensmodell

Leveraging SAP BRFplus in Big Data Scenarios

Praxishandbuch SAP HANA – Administration