

## Chapter Sap Business Intelligence Overview

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 Learn to get the most out of your business data to optimize your business about This Book This book will enable and empower you to break free of the shackles of spreadsheets Learn to make informed decisions using the data at hand with this highly practical, comprehensive guide This book includes real-world use cases that teach you how analytics can be put to work to optimize your business, build a fictional transactional dataset in raw form, you'll work your way up ultimately creating a fully-functional warehouse and a fleshed-out BI platform Who This Book Is For This book is for anyone who has wrangled with data to try to perform automated data analysis through visualizations for themselves or their customers. This highly-customized guide is for developers who know a bit about analytics but don't know how to make use of it in the field of business intelligence. What You Will Learn Create a BI environment that enables self-service reporting Understand SQL and the aggregation of data Develop a data model suitable for analytical reporting Connect a data warehouse to the analytic reporting tools Understand the specific benefits behind visualizations with D3.js, R, Tableau, QlikView, and Python Get to know the best practices to develop various reports and applications when using BI tools Explore the field of data analysis with all the data we will use for reporting in Detail Business Intelligence (BI) is at the crux of revolutionizing enterprise. Everyone wants to minimize losses and maximize profits. Thanks to Big Data and improved methodologies to analyze data, Data Analysts and Data Scientists are increasingly using data to make informed decisions. Just knowing how to analyze data is not enough, you need to start thinking how to use data as a business asset and then perform the right analysis to build an insightful BI solution. Efficient BI strives to achieve the automation of data for ease of reporting and analysis. Through this book, you will develop the ability to think along the right lines and use more than one tool to perform analysis depending on the needs of your business. We start off by preparing you for data analytics. We then move on to teach you a range of techniques to fetch important information from various databases, which can be available to optimize your business. The book aims to provide a full end-to-end solution for an environment setup that can help you make informed business decisions and deliver efficient and automated BI solutions to any company. It is a complete guide for implementing Business intelligence with the help of the most powerful tools like D3.js, R, Tableau, Qlikview and Python that are available on the market. Style and approach Packed with real-world examples, this pragmatic guide helps you polish your data and make informed decisions for your business. We cover both business and data analysis perspectives, blending theory and practical hands-on work so that you perceive data as a business asset. The SAP BusinessObjects Business Intelligence platform is a powerful reporting and analysis tool. This book is the ideal introduction to the SAP BusinessObjects Business Intelligence platform, introducing you to its data visualization, visual analytics, reporting, and dashboarding capabilities. IBM® Cognos® Business Intelligence (BI) helps organizations meet strategic objectives and provides real value for the business by delivering the information everyone needs while also reducing the burden on IT. This IBM Redbooks® publication addresses IBM Cognos Business Intelligence V10.1. You can use this book to - Understand core features of IBM Cognos BI V10.1 - Learn HANA in 24 Hours

A practical guide to working within the SAP® Business Framework  
SAP NetWeaver For Dummies  
Enhancing Enterprise Intelligence: Leveraging ERP, CRM, SCM, PLM, BPM, and BI  
An Analysis based on the Resource-based View  
Data Intensive Storage Services for Cloud Environments

**Enter the fast-paced world of SAP HANA 2.0 with this introductory guide. Begin with an exploration of the technological backbone of SAP HANA as a database and platform. Then, step into key SAP HANA user roles and discover core capabilities for administration, application development, advanced analytics, security, data integration, and more. No matter how SAP HANA 2.0 fits into your business, this book is your starting point. In this book, you'll learn about: a. Technology Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements. b. Tools Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration. c. Key Roles Understand how to use SAP HANA as a developer, administrator, data scientist, data center analyst, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more. Highlights include: 1) Architecture 2) Administration 3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center**

With the evolution of digitized data, our society has become dependent on services to extract valuable information and enhance decision making by individuals, businesses, and government in all aspects of life. Therefore, emerging cloud-based infrastructures for storage have been widely thought of as the next generation solution for the reliance on data increases. Data Intensive Storage Services for Cloud Environments provides an overview of the current and potential approaches towards data storage services and its relationship to cloud environments. This reference source brings together research on storage technologies in cloud environments and various disciplines useful for both professionals and researchers.

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-Requirement for SAP HANA Studio 2. Supported Platform 3. Download & Install SAP HANA Studio 4. Add System in SAP HANA Studio 5. Work With SAP HANA Studio Chapter 4: SQL Script, Practices, Technologies, and Management Chapter 5: SAP HANA SQL 1. SAP HANA SQL 2. SAP HANA Identifiers 3. SAP HANA Data Type 4. SAP HANA Operator 5. SAP HANA SQL FUNCTIONS 6. SAP HANA SQL EXPRESSIONS 7. SAP HANA SQL Stored Procedure 8. SAP HANA Create Sequence 9. SAP HANA Create Trigger Chapter 5: Data Provisioning 1. Overview of Replication Technology 2. SLT (SAP Landscape Transformation Replication Server) 3. SAP DS (SAP Data Services) 4. SAP HANA Direct Extractor Connection (DXC) 5. Flat file Upload to SAP HANA Chapter 6: Modeling 1. SAP HANA Modelling Overview 2. Join Method in SAP HANA 3. SAP HANA Best Practices for Creating Information Models 4. SAP HANA Attribute View 5. SAP HANA Analytic View 6. SAP HANA Calculation View 7. SAP HANA Analytic Privileges 8. SAP HANA Information Composer 9. SAP HANA Import and Export 10. SAP HANA Performance Optimization Technique Chapter 7: Security 1. SAP HANA Security Overview 2. SAP HANA Authentication 3. SAP HANA Authorization 4. SAP HANA User and Role Administration 5. SAP HANA License Management 6. SAP HANA Auditing Chapter 8: Reporting 1. Reporting in SAP BI (Business Intelligence) Overview 2. Reporting in Webi of SAP Business Objects (BO) on HANA 3. Reporting in Crystal Report 4. Reporting in SAP Lumira 5. Reporting in Microsoft Excel

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

Practices, Technologies, and Management

Introduction to Information Systems, Third Canadian Edition

Creating Universes with SAP BusinessObjects

Digital Transformation

Process Analytics

Logistic Core Operations with SAP

*Master the SAP product ecosystem, the client environment, and the feasibility of implementing critical business process with the required technical and functional configuration. SAP Project Management Pitfalls is the first book to provide you with real examples of the pitfalls that you can avoid, providing you with a road-map to a successful implementation. Jay Kay, a SAP Program Manager for Capgemini, first takes a deep dive into common pitfalls in implementing SAP ERP projects in a complex IT landscape. You will learn about the potential causes of failures, study a selection of relevant project implementation case studies in the area, and see a range of possible countermeasures. Jay Kay also provides background on each - the significance of each implementation area, its relevance to a service company that implements SAP projects, and the current state of research. Key highlights of the book: Tools and techniques for project planning and templates for allocating resources Industry standards and innovations in SAP implementation projects in the form of standard solutions aimed at successful implementation Managing SAP system ECC upgrades, EHP updates and project patches Learn effective ways to implement robust SAP release management practices (change management, BAU) Wearing a practitioner's insight, Jay Kay explores the relevance of each failed implementation scenario and how to support your company or clients to succeed in a SAP implementation. There are many considerations when implementing SAP, but as you will learn, knowledge, insight, and effective tools to mitigate risks can take you to a successful implementation project.*

*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 analytics in SAP HANA through exercises and use case scenarios.*

*"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 administrative 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*

*Provides an overview to the exam's topics, including a "Need to Know" list that identifies areas that must be understood-in-depth. Includes exercises that can be performed, usually with a smallest BW server. Contains practice test questions that assess the readersknowledge of the current exam topics. Serves as a complement to the classroom training provided bySAP.*

SAP NetWeaver BW and SAP BusinessObjects

Mastering SQL Queries for SAP Business One

SAP Business Intelligence Quick Start Guide

A Step-by-step Guide

Actionable business insights from the SAP BusinessObjects BI platform

Building Better BI with SAP BI 7.0

"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 architecture. You'll learn how to access and deliver meaningful 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/combooks/](http://www.wiley.com/combooks/) Visit the companion Web site at [www.wiley.com/combooks/mcdonald](http://www.wiley.com/combooks/mcdonald) The companion Web site contains the sample code presented in the text of the book, plus implementation templates.

This book examines the managerial dimensions of business intelligence (BI) systems. It develops a set of guidelines for value creation by implementing business intelligence systems and technologies. In particular the book looks at BI as a process - driven by a mix of human and technological capabilities - to serve complex information needs in building insights and providing aid in decision making. After an introduction to the key concepts of BI and neighboring areas of information processing, the book looks at the complexity and multidimensionality of BI. It tackles both data integration and information integration issues. Bodies of knowledge and other widely accepted collections of experience are presented and turned into lessons learned. Following a straightforward introduction to the processes and technologies of BI the book embarks on BI maturity and agility, the components, drivers and inhibitors of BI culture and soft BI factors like attention, sense and trust. Eventually the book attempts to provide a holistic view on business intelligence, possible structures and tradeoffs and embarks to provide an outlook on possible developments in BI and analytics.

Enhancing Enterprise Intelligence: Leveraging ERP, CRM, SCM, PLM, BPM, and BI takes a fresh look at the benefits of enterprise systems (ES), focusing on the fact that ES collectively contribute to enhancing the intelligence quotient of an enterprise. The book provides an overview of the characteristic domains (i.e., business functions, processes, a

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 (RO) 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 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.

SAP BusinessObjects BI 4.0 The Complete Reference 3/E

How to Avoid the Most Common Pitfalls of an SAP Solution

Business Intelligence Tools for Small Companies

Real Time Analytics with SAP HANA

Exploiting IBM PowerVM Virtualization Features with IBM Cognos 8 Business Intelligence

Technology Made Simple for the Technical Recruiter

Business professionals who want to advance their careers need a strong understanding of how to utilize business intelligence. This new book provides a comprehensive introduction to the basic business and technical concepts they ' ll need to know. It integrates case studies that demonstrate how to apply the material. Business professionals will also find suggested further readings that will help them gain knowledge and help them succeed.

Focus on SAP business analytics business gains, key features, and implementation. The book includes example implementations of SAP business analytics, the challenges faced, and the solutions implemented. SAP Business Analytics explains both the strategy and technical implementation for gathering and analyzing all the information pertaining to an organization. Key features of the book are: A 360-degree view of an organization ' s data and the methods to gather and analyze that data The strategies that need to be in place to gather relevant data from disparate systems Details about the SAP business analytics suite of products The technical implementations used to gather data from disparate systems such as ERP and CRM Real business cases as examples Analytics is the driving force in today ' s business, be it healthcare, marketing, telecommunications, or retail and hence the most vital part of any organization ' s strategy. What You'll Learn Gain an understanding of business analytics in general About the technical details of the SAP business analytics suite of products Discover the challenges faced during an enterprise-level analytics project

implementation Learn the key points to be kept in mind during the technical implementation of an SAP business analytics project Who This Book Is For Analytics strategists, BI managers, BI architects, business analysts, and BI developers

Curious about how to leverage SAP Predictive Analytics (SAP PA) to effectively mine data and unearth trends, patterns, and relationships? In this book written for users and analysts, readers will explore the foundations of SAP Predictive Analytics. Review the architectural underpinnings and technical components that make up SAP PA. Explore how SAP PA works with SAP HANA. Walk through the installation steps and learn the differences between the desktop and enterprise versions. Explore SAP PA modules and components, including the predictive analytical library (PAL), the application function library (AFL), and the SAP HANA automated predictive library (APL). Leverage the data manager and learn how to create an event log aggregation. Get tips for performing text analysis and take an in depth look at automated analytics, including Expert Analytics. Dive into a sales and pipeline forecasting example using specific SAP PA functions and algorithms. By using practical examples, tips, and screenshots, this book explores - SAP PA architecture and technical components - How SAP PA works with SAP HANA - Core SAP PA modules and components - Detailed sales/pipeline forecasting example

Show your students how to master and maximize enterprise resource planning (ERP) software -- which continues to become more critical in business today - with the latest edition of Monk/Wagner's successful CONCEPTS IN ENTERPRISE RESOURCE PLANNING. Equip students to use ERP tools to increase growth and productivity as they learn how to effectively combine an organization's data into one comprehensive, integrated system. CONCEPTS IN ENTERPRISE RESOURCE PLANNING, 4E reflects the latest trends and updates in ERP software while demonstrating how to make the most of this important technology. The authors introduce the basic functional areas of business and how they are related. The book demonstrates how information systems that are not effectively integrated fail to support business functions and business processes that extend across functional area boundaries. By contrast, students clearly see how integrated information systems help organizations improve business processes and provide managers with accurate, consistent, and current data for making informed strategic decisions. All-new sidebar cases and real examples throughout this edition not only thoroughly introduce the practical aspects of enterprise resource planning, but also prepare readers for ongoing ERP success in business today and tomorrow. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

SAP BW

Business Intelligence with SAP BI Edge

Learning SAP Analytics Cloud

Definitive Guide to Learn SAP HANA for Beginners

A Best Practices Guide for Implementing Business Analytics Using SAP

SAP Business Analytics

**Infohansgabe: Abstract.** The worldwide process of globalization makes it necessary for a firm to collect information about its external environment (competitors, stakeholders, products, markets, etc.) and to relate it with the internal information of the firm. In 1985 Porter and Millar (1985) described an information revolution that affects competition in different ways. Collecting internal and external data is the necessary first step to gain a basis for strategic decisions and successful actions. The evaluation of this data for decision-making processes and the ability to see important relations and structures in the data can be supported by new IT-applications, called Business Intelligence (henceforth BI). This thesis examines the latest developments of information technologies from a Resource-based perspective of Strategic Management. The general question that motivates this thesis and needs to be answered is: Can the use of Business Intelligence Applications lead to a sustainable competitive advantage? One a more concrete level it asks, if Business Intelligence solutions can be resources that lead directly to a long-lasting competitive advantage or at least to a temporary advantage. Answering those questions pursues the aim of making a step towards the operationalization of the Resource-based View (RBV) and the more specialized Dynamic Capability View (DCV). The subject of the analysis is a specific Business Intelligence software solution, which has been chosen because it is representative of all BI applications. It is offered worldwide on the markets for analytical applications in Europe, Asia and America and based on the common data warehouse technology. This thesis is supposed to provide the base for possible further empirical work regarding this topic. The empirical work of this thesis is done in the mode of a case study concentrating on a set of information technology products. The examination of a specific application that is offered on the market Business Intelligence on an analysis based on the Resource-based view enables the proving of statements about BI with the help of concrete examples. The case study is based to substantial parts on information derived from personal interviews with Siemens Business Services, Germany and information available in the Internet. The first part of this thesis (section 2) gives an introduction and categorization of Business Intelligence. Using the example of the [...]

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

Your Hands-On Guide to SAP Business Information Warehouse Give your company the competitive edge by delivering up-to-date, pertinent business reports to users inside and outside your enterprise. SAP Business Information Warehouse Reporting shows you how to construct Enterprise Data Warehouses, create workbooks and queries, analyze and format results, and supply meaningful reports. Learn how to use the BEx and Web Servers, Web Application Designer Composer, and Information Broadcaster. You will also find out how to forecast future business trends, build enterprise portals and websites, and tune performance. Group data into InfoCubes and DataStore Objects and generate reports using queries and workbooks Work with the BEx Analyzer, Web Analyzer, and Query Designer Build queries and reports using the Business Administration Workbooks Add attachments and drill-through using Document Integration and RRI Format and distribute results using Report Designer and Information Broadcaster Extend functionality with Enterprise Portal, Data Modeling, and Visual Composer Deploy charts, maps, diagrams, and unit of measure conversions Predict trends and possible outcomes using SBC and Integrated Planning Generate HTML pages using Enterprise Reporting and Web Application Designer Create BI-based corporate Web and intranet sites using SAP Enterprise Portal

Business Intelligence (BI) promises an organization the capability of collecting and analyzing internal and external data to generate knowledge and value, providing decision support at the strategic, tactical, and operational levels. Business Intelligence is now impacted by the Big Data phenomena and the evolution of society and users, and needs to take into account high-level semantics, reasoning about unstructured and structured data, and to provide a simplified access and better understanding of diverse BI tools accessible through mobile devices. In particular, BI applications must cope with additional heterogeneous (often Web-based) sources, e.g., from social networks, blogs, competitors', suppliers', or distributors' data, governmental or NGO-based analysis and papers, or from research publications. The lectures held at the First European Business Intelligence Summer School (eBISS), which are presented here in an extended and refined format, cover not only established BI technologies like data warehouses, OLAP query processing, or performance issues, but extend into new aspects that are important in this new environment and for novel applications, e.g., semantic technologies, social network analysis and graphs, services, large-scale management, or collaborative decision making. Combining papers by leading researchers in the field, this volume will equip the reader with the state-of-the-art background necessary for inventing the future of BI. It will also provide the reader with an excellent basis and many pointers for further research in this growing field.

Mastering the SAP Business Information Warehouse

SAP® R/3® Interfacing using BAPIs

The Comprehensive Guide

A Guide to Free and Low-Cost Solutions

Building Intelligent Enterprises

First Steps in SAP Predictive Analytics

Building Intelligent Enterprises by leveraging the emerging and next-generation technologies to accelerate the adoption of digital transformation The speed of innovation and emerging IT technologies are changing at a very fast pace and enterprises are eager to join the digital revolution so they can stand above the competition and succeed as the enterprise of tomorrow. This book is an attempt to make the enterprise intelligent by providing the path to digital transformation and the adoption of new IT methods, tools and technologies. This book has been organized to cover the following topics: Digital Transformation, Design Thinking, Agile, DevOps, Robotic Process Automation, Internet of Things, Artificial Intelligence, Machine Learning, Blockchain, Drones, Augmented and Virtual Reality, 3D Printing, Big Data, Analytics, Cloud Computing, APIs, and SAP Leonardo. No prior knowledge of any technical coding or language is necessary to understand the content of this book. End-to-end storyline to accelerate the enterprise's digital transformation journey How an enterprise can stay relevant, compete, and perform in the digital economy How to leverage these technologies to build intelligent enterprises Understand and apply the emerging technologies across key business processes Industry-specific Use Cases for all technologies as a reference point to build the business case for implementation The book is very well suited towards the C-Suite executives, both IT and business leaders, directors and managers, project managers, solution architects, and all professionals who have an interest and desire to keep up-to-date with the latest technological trends, looking for a career change, want to help enterprise adapt and onboard the digital roadmap, or have an agenda to digitize key processes within the enterprise to make it intelligent.

Imagine that it's the 1950s, and you are in charge of developing the U. S. interstate system. There are countless roads already in use. The system can go in numerous different directions. Where do you begin? Starting to transform your business with SAP NetWeaver is that daunting. NetWeaver is both an application platform and an integration platform. It integrates your current IT systems to enable portals, collaboration, data management, and development environments. To grasp the complexities and possibilities of SAP ASAP, dig in with SAP NetWeaver For Dummies and explore: MySAP Business Suite SAP Enterprise Planning Resource (ERP), Customer Relationship Management (CRM), Supply Chain Management (SCM), Human Capital Management (HCM), Product Lifecycle Management (PLM), Supplier Relationship Management (SRM), and more Mobile Infrastructure that performs like a universal translator for mobile interfaces, including laptops, wireless phones, and PDAs Master Data Management, including using the content consolidation technique to "clean up" data, master data harmonization to distribute it, and central master data management to maintain a data repository Web Application Service and NetWeaver Developer Studio—tools that let you integrate and create your own customized applications Written by Dan Woods, former CTO of The Street.com and CapitalThinking, and Jeffrey Word, the Director of Technology Strategy for SAP, this guide features real-life stories from businesses and examples of typical uses to help you cut through the complexities and get up and running. It includes a CD-ROM with: Detailed white papers and product overview Stores from customers using SAP NetWeaver today Demos that show SAP NetWeaver in action A directory of resources for additional information Like that interstate system, SAP NetWeaver doesn't have to be integrated all at once. You choose the applications that have the most potential to benefit your company's operations and bottom line. SAP NetWeaver For Dummies even gives you recommendations for rolling it out and suggests practical ways to get started and get quick returns on your SAP investment. Then you're going full-speed ahead on the road to success!

Das Buch führt in verständlicher Weise in die praktische Nutzung der Business Application Programming Interfaces (BAPIs) ein und klärt zunächst die wesentlichen Begriffe, die hinter dieser neuen SAP®-Technologie stehen. Das Buch zeigt eine empfehlenswerte Vorgehensweise für die Einführung und Realisierung der System-Kopplung zwischen R/3® am Beispiel von Lotus Notes. An Hand eines in nahezu jedem Unternehmen relevanten Ablaufs wird exemplarisch die Umsetzung eines Geschäftsprozesses der Kundenauftragsabwicklung gezeigt. Das neue Wissen wird mit Hilfe der beigelegten CD, die auch ScreensCams beinhaltet, plastisch und leicht verständlich vermittelt. Das Buch verfolgt im wesentlichen zwei Ziele: Es zeigt, welchen Nutzen die BAPIs bieten, um externe Systeme an ein R/3® System anzubinden, und wie hoch der Realisierungsaufwand ist. Es versetzt den Leser in die Lage, die Funktionsweise von R/3® und die angebotenen BAPIs und Lotus Notes nicht nur schnell zu verstehen, sondern auch Geschäftsprozesse schnell und zuverlässig in die Praxis umzusetzen.

Start making better business decisions backed by data About This Book Freedom, opportunities and risks in a few mouse clicks Eliminate complexity with tools that let you plan, analyze, and collaborate in context—in real time Discover, visualize, plan, and predict in a professional product with rich features Who This Book Is For This book targets IT professionals, business analysts, BI developers, managers, newcomers to SAP Analytics Cloud, and ultimately anyone who wants to learn from self-paced, professional-grade and needs a solid foundation in SAP Analytics Cloud. What You Will Learn A clear understanding of SAP Analytics Cloud platform Create data models using different data sources, including Excel and text files Present professional analyses using different types of charts, tables, geo maps, and more Using stories, drill up and down instantly to analyze data from various angles Share completed stories with other team members or compile them in SAP Digital Boardroom agendas for presentation to major stakeholders Export the results of a story to a PDF file Save time by planning, analyzing, predicting, and collaborating in context Discover, visualize, plan, and predict in one product as opposed to separate solutions In Detail The book starts with the basics of SAP Analytics Cloud (formerly known as SAP BusinessObjects Cloud) and exposes almost every significant feature a beginner needs to master. Packed with illustrations and short, essential, to-the-point descriptions, the book provides a unique learning experience. Your journey of exploration starts with a basic introduction to the SAP Analytics Cloud platform. You will then learn about different segments of the product, such as Models, Stories, Digital Boardroom, and so on. Then, you are introduced to the product's interface: the Home screen, the main menu, and more. Then comes the hands-on aspect of the book, which starts with model creation. Next, you learn how to utilize a model to prepare different types of stories/reports) with the help of charts, tables, Geo Maps, and more. In the final chapters of this book, you will learn about Digital Boardroom, Collaboration, and Administration. Style and approach The easy-to-follow visual instructions provided in this book help business users and report developers create simple and complex stories (reports) quickly

Practical Business Intelligence

Business Intelligence

A Comprehensive Approach to Information Needs, Technologies and Culture

A Technical Skills Primer

SAP HANA 2.0

IBM Software for SAP Solutions

SAP Business Intelligence (BI) is a tool to analyze raw data and derive meaning inferences. SAP BI gives single point access to data from various sources. Robust reports and visualization are available to analyze the data. SAP BI can analyze multidimensional data, easily integrates with other applications and has a mobile app. Here is what is covered in the book - Table Of Content Chapter 1: Introduction SAP BI Chapter 2: Overview of SAP BI Architecture Chapter 3: All About Infoobject Infoarea & Infoobject Catalog Chapter 4: How To Create an INFOAREA Chapter 5: How to create an INFOOBJECT CATALOG Chapter 6: How To Create an INFOOBJECT with Characteristics Chapter 7: How to Create INFOOBJECTS with Key Figures Chapter 8: What is DSO? Why Use It? Chapter 9: What is Standard DSO? How To Create One? Chapter 10: What is Write Optimized DSO? How To Create One? Chapter 11: What is Direct Update DSO? How To Create One? Chapter 12: What is InfoSet? Chapter 13: What is an InfoCube? How To Create One? Chapter 14: How To Load Master Data from Flat File? Chapter 15: How To Load Transaction Data From Flat File? Chapter 16: How to Load Master Data from ECC? Chapter 17: How To Load Transaction Data From ECC? Chapter 18: All About Classical & Extended Star Schema Chapter 19: All About Process Chains in SAP BI/BW Chapter 20: Installing BW Standard

Content Chapter 21: Introduction to BEX Query Designer and Query Elements Chapter 22: Learn About Key & Characteristics Settings CFK, RFK & Formulas Chapter 23: SAP BW / BI Interview Questions & Answers

This book is for those who are serious about keeping their skills up-to-date in the competitive field of technical resource placement. Recruiting can be challenging with little background in technology, technology roles, or an understanding of how the two interact. In this book, you will learn the fundamentals of technology from basic programming terms, to database vocabulary, network lingo, operating system jargon, and other crucial skill sets. Topics covered include: What questions to ask candidates How to determine when someone is embellishing his or her skills Types of networks and operating systems Software development strategies Software testing Database job roles And much more! Armed with indispensable information, the alphabet soup of technology acronyms will no longer be intimidating, and you will be able to analyze client and candidate requirements with confidence. Written in clear and concise prose Technology Made Simple for the Technical Recruiter is an indispensable resource for any technical recruiter."

This IBM® Redbooks® publication addresses topics to leverage the virtualization strengths of the IBM Power platform to solve customer system resource utilization challenges and maximize system throughput and capacity. This IBM Redbooks publication will help you leverage the strengths of the POWER platform, provide implementation scenarios with Cognos® 8 Business Intelligence (BI) with the comprehensive set of the IBM PowerVMTM virtualization features, and identify and document best practices for exploiting the IBM PowerVM virtualization features within Cognos BI deployments to maximize utilization of system resources and maximize Cognos throughput and capacity. This book is targeted toward technical professionals (BI consultants, technical support staff, IT architects, and IT specialists) responsible for providing business intelligence solutions and support for Cognos BI on POWER® systems.

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

Inventory Management, Warehousing, Transportation, and Compliance

SAP BW Certification

SAP Business Information Warehouse Reporting

First European Summer School, eBISS 2011, Paris, France, July 3-8, 2011, Tutorial Lectures

Concepts in Enterprise Resource Planning

Learn HANA in 1 Day

**The goal of Introduction to Information Systems, 3rd Canadian Edition remains the same: to teach all business majors, especially undergraduate ones, how to use information technology to master their current or future jobs and to help ensure the success of their organization. To accomplish this goal, this text helps students to become informed users; that is, persons knowledgeable about information systems and information technology. The focus is not on merely learning the concepts of IT but rather on applying those concepts to facilitate business processes. The authors concentrate on placing information systems in the context of business, so that students will more readily grasp the concepts presented in the text. The theme of this book is What's In IT for Me? This question is asked by all students who take this course. The book will show you that IT is the backbone of any business, whether a student is majoring in Accounting, Finance, Marketing, Human Resources, or Production/Operations Management. Information for the Management Information Systems (MIS) major is also included.**

**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 Introduction SAP HANA Why to choose SAP HANA? SAP HANA In-Memory Strategy SAP HANA Advantages SAP HANA Compare to BWA (Business Warehouse Accelerator) Chapter 2: Hana Architecture SAP HANA Architecture SAP HANA Landscape SAP HANA Sizing Chapter 3: SAP HANA Studio Pre-Requisite for SAP HANA Studio Supported Platform Download & Install SAP HANA Studio Add System in SAP HANA Studio Work With SAP HANA Studio Chapter 4: SQL Script, Data Type, Trigger, Sequence, Operator, Function, Expression, Identifiers What is SAP HANA SQL SAP HANA Identifiers SAP HANA Data Type SAP HANA Operator SAP HANA SQL FUNCTIONS SAP HANA SQL EXPRESSIONS SAP HANA SQL Stored Procedure SAP HANA Create Sequence SAP HANA Create Trigger Chapter 5: Data Provisioning Overview of Replication Technology SLT (SAP Landscape Transformation Replication Server) SAP DS (SAP DATA Services) SAP HANA Direct Extractor Connection (DXC) Flat file Upload to SAP HANA Chapter 6: Modeling SAP HANA Modelling Overview Join Method in SAP HANA SAP HANA Best Practices for Creating Information Models SAP HANA Attribute View SAP HANA Analytic View SAP HANA Calculation View SAP HANA Analytic Privileges SAP HANA Information Composer SAP HANA Import and Export SAP HANA Performance Optimization Technique Chapter 7: Security SAP HANA Security Overview SAP HANA Authentication SAP HANA Authorization SAP HANA User and Role Administration SAP HANA License Management SAP HANA Auditing Chapter 8: Reporting Reporting In SAP BI (Business Intelligence) Overview Reporting In Webi of SAP Business Objects (BO) on HANA Reporting In Crystal Report Reporting In SAP Lumira Reporting In Microsoft Excel**

**Learn how to transition from Excel-based business intelligence (BI) analysis to enterprise stacks of open-source BI tools. Select and implement the best free and freemium open-source BI tools for your company's needs and design, implement, and integrate BI automation across the full stack using agile methodologies.**

**Business Intelligence Tools for Small Companies provides hands-on demonstrations of open-source tools suitable for the BI requirements of small businesses. The authors draw on their deep experience as BI consultants, developers, and administrators to guide you through the extract-transform-load/data warehousing (ETL/DWH) sequence of extracting data from an enterprise resource planning (ERP) database freely available on the internet, transforming the data, manipulating them, and loading them into a relational database. The authors demonstrate how to extract, report, and dashboard key performance indicators (KPIs) in a visually appealing format from the relational database management system (RDBMS). They model the selection and implementation of free and freemium tools such as Pentaho Data Integrator and Talend for ELT, Oracle XE and MySQL/MariaDB for RDBMS, and QlikSense, Power BI, and MicroStrategy Desktop for reporting. This richly illustrated guide models the deployment of a small company BI stack on an inexpensive cloud platform such as AWS. What You'll Learn You will learn how to manage, integrate, and automate the processes of BI by selecting and implementing tools to: Implement and manage the business intelligence/data warehousing (BI/DWH) infrastructure Extract data from any enterprise resource planning (ERP) tool Process and integrate BI data using open-source extract-transform-load (ETL) tools Query, report, and analyze BI data using open-source visualization and dashboard tools Use a MOLAP tool to define next year's budget, integrating real data with target scenarios Deploy BI solutions and big data experiments inexpensively on cloud platforms Who This Book Is For Engineers, DBAs, analysts, consultants, and managers at small companies with limited resources but whose BI requirements have outgrown the limitations of Excel spreadsheets; personnel in mid-sized companies with established BI systems who are exploring technological updates and more cost-efficient solutions**

**This book is aimed at both new developers as well as experienced developers. If you are a new SAP BusinessObjects Universe developer who is looking for a step-by-step guide supported with real-life examples and illustrated diagrams, then this book is for you. If you are a seasoned BusinessObjects Universe developer who is looking for a fast way to map your old experience in Universe designer to the newer Information Design Tool, then this book is for you as well.**

**A Business Information Warehouse Study Guide**

**Concepts and Techniques for Querying and Analyzing Process Data**

**An Introduction**

**Learn SAP BI in 24 Hours**

**SAP Project Management Pitfalls**

**Leveraging the Business Intelligence Capabilities of SAP NetWeaver**

This book starts with an introduction to process modeling and process paradigms, then explains how to query and analyze process models, and how to analyze the process execution data. In this way, readers receive a comprehensive overview of what is needed to identify, understand and improve business processes. The book chiefly focuses on concepts, techniques and methods. It covers a large body of knowledge on process analytics – including process data querying, analysis, matching and correlating process data and models – to help practitioners and researchers understand the underlying concepts, problems, methods, tools and techniques involved in modern process analytics. Following an introduction to basic business process and process analytics concepts, it describes the state of the art in this area before examining different analytics techniques in detail. In this regard, the book covers analytics over different levels of process abstractions, from process execution data and methods for linking and correlating process execution data, to inferring process models, querying process execution data and process models, and scalable process data analytics methods. In addition, it provides a review of commercial process analytics tools and their practical applications. The book is intended for a broad readership interested in business process management and process analytics. It provides researchers with an introduction to these fields by comprehensively classifying the current state of research, by describing in-depth techniques and methods, and by highlighting future research directions. Lecturers will find a wealth of material to choose from for a variety of courses, ranging from undergraduate courses in business process management to graduate courses in business process analytics. Lastly, it offers professionals a reference guide to the state of the art in commercial tools and techniques, complemented by many real-world use case scenarios.

CD-ROM contains: Examples presented in text.

IBM Cognos Business Intelligence V10.1 Handbook