

## Installation Guide For Informatica Powercenter Users

Learn how to use, deploy, and maintain Apache Spark with this comprehensive guide, written by the creators of the open-source cluster-computing framework. With an emphasis on improvements and new features in Spark 2.0, authors Bill Chambers and Matei Zaharia break down Spark topics into distinct sections, each with unique goals. You'll explore the basic operations and common functions of Spark's structured APIs, as well as Structured Streaming, a new high-level API for building end-to-end streaming applications. Developers and system administrators will learn the fundamentals of monitoring, tuning, and debugging Spark, and explore machine learning techniques and scenarios for employing MLlib, Spark's scalable machine-learning library. Get a gentle overview of big data and Spark Learn about DataFrames, SQL, and Datasets—Spark's core APIs—through worked examples Dive into Spark's low-level APIs, RDDs, and execution of SQL and DataFrames Understand how Spark runs on a cluster Debug, monitor, and tune Spark clusters and applications Learn the power of Structured Streaming, Spark's stream-processing engine Learn how you can apply MLlib to a variety of problems, including classification or recommendation

Managing Data in Motion describes techniques that have been developed for significantly reducing the complexity of managing system interfaces and enabling scalable architectures. Author April Reeve brings over two decades of experience to present a vendor-neutral approach to moving data between computing environments and systems. Readers will learn the techniques, technologies, and best practices for managing the passage of data between computer systems and integrating disparate data together in an enterprise environment. The average enterprise's computing environment is comprised of hundreds to thousands computer systems that have been built, purchased, and acquired over time. The data from these various systems needs to be integrated for reporting and analysis, shared for business transaction processing, and converted from one format to another when old systems are replaced and new systems are acquired. The management of the "data in motion" in organizations is rapidly becoming one of the biggest concerns for business and IT management. Data warehousing and conversion, real-time data integration, and cloud and "big data" applications are just a few of the challenges facing organizations and businesses today. Managing Data in Motion tackles these and other topics in a style easily understood by business and IT managers as well as programmers and architects. Presents a vendor-neutral overview of the different technologies and techniques for moving data between computer systems including the emerging solutions for unstructured as well as structured data types Explains, in non-technical terms, the architecture and components required to perform data integration Describes how to reduce the complexity of managing system interfaces and enable a scalable data architecture that can handle the dimensions of "Big Data" Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

PowerCenter - The Complete Reference is a one-stop guide for PowerCenter developers of all different levels: beginners, intermediate, advanced, expert an enterprise level. Step by step instructions with illustrations and about 100 screen shots guide you in learning every aspect of PowerCenter at your own pace. Start from the beginning or directly jump to a chapter to learn a specific aspect such as Web Services or XML. Learn PowerCenter or advance your PowerCenter skills at your own pace. Every part and chapter is uniquely designed around an aspect of the technology so that readers can pickup any specific chapter and learn it

Principles and Paradigms

Developing Data Migrations and Integrations with Salesforce

Learn Informatica in 24 Hours

Managing Data in Motion

Business Information Warehouse for SAP

Big Data Integration

A Guide to Modern Databases and the NoSQL Movement

The aim of the book is to lay the foundation in using the popular commercial tools for developing data warehouse in a very short time. With illustrative examples and case studies, the complete process of data warehouse development is explained using Informatica, Cognos, Business Objects and DataStage tools.

Prepare for Microsoft Exam 70-761—and help demonstrate your real-world mastery of SQL Server 2016 Transact-SQL data management, queries, and database programming. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: • Filter, sort, join, aggregate, and modify data • Use subqueries, table expressions, grouping sets, and pivoting • Query temporal and non-relational data, and output XML or JSON • Create views, user-defined functions, and stored procedures • Implement error handling, transactions, data types, and nulls This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have experience working with SQL Server as a database administrator, system engineer, or developer • Includes downloadable sample database and code for SQL Server 2016 SP1 (or later) and Azure SQL Database Querying Data with Transact-SQL About the Exam Exam 70-761 focuses on the skills and knowledge necessary to manage and query data and to program databases with Transact-SQL in SQL Server 2016. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of essential skills for building and implementing on-premises and cloud-based databases across organizations. Exam 70-762 (Developing SQL Databases) is also required for MCSA: SQL 2016 Database Development certification. See full details at: [microsoft.com/learning](http://microsoft.com/learning)

Cowritten by Ralph Kimball, the world's leading data warehousing authority, whose previous books have sold more than 150,000 copies Delivers real-world solutions for the most time- and labor-intensive portion of data warehousing-data staging, or the extract, transform, load (ETL) process Delineates best practices for extracting data from scattered sources, removing redundant and inaccurate data, transforming the remaining data into correctly formatted data structures, and then loading the end product into the data warehouse Offers proven time-saving ETL techniques, comprehensive guidance on building dimensional structures, and crucial advice on ensuring data quality

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

Software Engineer, Island ECN, USAPawan Samtani — Country Operations Manager, Oracle Corporation, India

Your Guide to Data Warehousing and BW

Practical Techniques for Extracting, Cleaning, Conforming, and Delivering Data

Designing, Building, and Deploying Messaging Solutions

E-Book

A Practical Guide to Collaborative E-commerce

A Practitioner's Guide to Optimizing Response Time

Deliver Value Through Rapid Implementations

This book offers readers a comprehensive guide to the evolution of the database field from its earliest stages up to the present—and from classical relational database management systems to the current Big Data metaphor. In particular, it gathers the most significant research from the Italian database community that had relevant intersections with international projects. Big Data technology is currently dominating both the market and research. The book provides readers with a broad overview of key research efforts in modelling, querying and analysing data, which, over the last few decades, have become massive and heterogeneous areas.

The big data era is upon us: data are being generated, analyzed, and used at an unprecedented scale, and data-driven decision making is sweeping through all aspects of society. Since the value of data explodes when it can be linked and fused with other data, addressing the big data integration (BDI) challenge is critical to realizing the promise of big data. BDI differs from traditional data integration along the dimensions of volume, velocity, variety, and veracity. First, not only can data sources contain a huge volume of data, but also the number of data sources is now in the millions. Second, because of the rate at which newly collected data are made available, many of the data sources are very dynamic, and the number of data sources is also rapidly exploding. Third, data sources are extremely heterogeneous in their structure and content, exhibiting considerable variety even for substantially similar entities. Fourth, the data sources are of widely differing qualities, with significant differences in the coverage, accuracy and timeliness of data provided. This book explores the progress that has been made by the data integration community on the topics of schema alignment, record linkage and data fusion in addressing these novel challenges faced by big data integration. Each of these topics is covered in a systematic way: first starting with a quick tour of the topic in the context of traditional data integration, followed by a detailed, example-driven exposition of recent innovative techniques that have been proposed to address the BDI challenges of volume, velocity, variety, and veracity. Finally, it presents merging topics and opportunities that are specific to BDI, identifying promising directions for the data integration community.

This is a practical step by step hand-on guide to learn and master Informatica. Informatica is widely used ETL tool and provided end to end data integration and management solution. This book introduces Informatica in detail. It provides a detailed step by step installation tutorial of Informatica. It teaches various activities like data cleansing, data profiling, transforming and scheduling the workflows from source to target in simple steps, etc. Here is what you will learn - Chapter 1: Introduction to Informatica Chapter 2: Informatica Architecture Tutorial Chapter 3: How to Download & Install Informatica PowerCenter Chapter 4: How to Configure Client and Repository in Informatica Chapter 5: Source Analyzer and Target Designer in Informatica Chapter 6: Mappings in Informatica: Create, Components, Parameter, Variable Chapter 7: Workflow in Informatica: Create, Task, Parameter, Reusable, Manager Chapter 8: Workflow Monitor in Informatica: Task & Gantt Chart View Examples Chapter 9: Debugger in Informatica: Session, Breakpoint, Verbose Data & Mapping Chapter 10: Session Properties in Informatica Chapter 11: Introduction to Transformations in Informatica and Filter Transformation Chapter 12: Source Qualifier Transformation in Informatica with EXAMPLE Chapter 13: Aggregator Transformation in Informatica with Example Chapter 14: Router Transformation in Informatica with EXAMPLE Chapter 15: Joiner Transformation in Informatica with EXAMPLE Chapter 16: Rank Transformation in Informatica with EXAMPLE Chapter 17: Sequence Transformation in Informatica with EXAMPLE Chapter 18: Transaction Control Transformation in Informatica with EXAMPLE Chapter 19: Lookup Transformation in Informatica & Re-usable Transformation Example Chapter 20: Normalizer Transformation in Informatica with EXAMPLE Chapter 21: Performance Tuning in Informatica ???Download Today ~ Free to Read for Kindle Unlimited Subscribers!???

Data is getting bigger and more complex by the day, and so are your choices in handling it. Explore some of the most cutting-edge databases available - from a traditional relational database to newer NoSQL approaches - and make informed decisions about challenging data storage problems. This is the only comprehensive guide to the world of NoSQL databases, with in-depth practical and conceptual introductions to seven different technologies: Redis, Neo4J, CouchDB, MongoDB, HBase, Postgres, and DynamoDB. This second edition includes a new chapter on DynamoDB and updated content for each chapter. While relational databases such as MySQL remain as relevant as ever, the alternative, NoSQL paradigm has opened up new horizons in performance and scalability and changed the way we approach data-centric problems. This book presents the essential concepts behind each database alongside hands-on examples that make each technology come alive. With each database, tackle a real-world problem that highlights the concepts and features that make it shine. Along the way, explore five database models - relational, key/value, columnar, document, and graph - from the perspective of challenges faced by real applications. Learn how MongoDB and CouchDB are strikingly different, make your applications faster with Redis and more connected with Neo4J, build a cluster of HBase servers using cloud services such as Amazon's Elastic MapReduce, and more. This new edition brings a brand new chapter on DynamoDB, updated code samples and exercises, and a more up-to-date account of each database's feature set. Whether you're a programmer building the next big

thing, a data scientist seeking solutions to thorny problems, or a technology enthusiast venturing into new territory, you will find something to inspire you in this book. What You Need: You'll need a \*nix shell (Mac OS or Linux preferred, Windows users will need Cygwin), Java 6 (or greater), and Ruby 1.8.7 (or greater). Each chapter will list the downloads required for that database.

Business Intelligence Demystified

New Trends in Data Warehousing and Data Analysis

Eclectic Wicca

Data Integration Best Practice Techniques and Technologies

Oracle Exalytics Revealed

Learn Informatica in 1 Day

Informatica Power Center

"Eclectic Wicca is a breath of fresh air, both grounded in scholarship and deep knowledge and DIY ways to take what works for you and run with it." —Cerridwen Greenleaf, author of *Book Are you seeking more contentment in your daily life? Could you use more abundance, including improved health, greater prosperity, and more love? This charmingly illustrated book will enhance your every day with rites, secrets, and Wiccan wisdom from author Mandi See. Eclectic Wicca pushes past the notion of an aged crone in this book for twenty-first-century women. Longtime Wiccan Mandi See shows how the path of Wicca can be customized to suit your lifestyle. In her words, "This book is for anyone who has a personal desire to take control of their life with nature and understand why they do the things they do." Brimming with lore from this wisdom tradition, Eclectic Wicca explores every aspect of "the good life" from: How to create your personal power center Which herbs and plants have properties to heal Celebrations for Sabbats and high holidays Wiccan meditations Wiccan visualizations Wiccan spells and incantations and more insights covering astrological aspects Phases of the moon Candle color alchemy And, exactly which gods and goddesses to invoke Whether you are just getting started or want to deepen your spiritual practice, the inspired ideas in Eclectic Wicca will empower you to create a happy life filled with the best kind of magic.*

Harness the power and simplicity of Informatica PowerCenter 10.x to build and manage efficient data management solutions About This Book Master PowerCenter 10.x components to monitor, and schedule ETL processes with a practical approach. An ideal guide to building the necessary skills and competencies to become an expert Informatica PowerCenter developer. This book is a guide to fetching/transforming and loading huge volumes of data in a very effective way, with reduced resource consumption Who This Book Is For If you wish to deploy Informatica PowerCenter in your environments and build a career in data warehousing, then this book is for you. Whether you are a software developer/analytic professional and are new to Informatica or an experienced developer, you will learn all the features of Informatica 10.x. A basic knowledge of programming and data warehouse concepts is essential. What You Will Learn Install or upgrade the components of the Informatica PowerCenter tool Work on various aspects of administrative skills and on the various developer Informatica PowerCenter screens such as Designer, Workflow Manager, Workflow Manager, and Repository Manager. Get practical hands-on experience of various sections of Informatica PowerCenter, such as navigator, toolbar, workspace, control panel, and so on Leverage basic and advanced features of the debugger, target load plan, and incremental aggregation to process data Implement data warehousing concepts such as schemas and SCDs using Informatica Migrate various data sources and targets, to another region using the Designer and Repository Manager screens Enhance code performance using tips such as pushdown optimization and partitioning Informatica PowerCenter is an industry-leading ETL tool, known for its accelerated data extraction, transformation, and data management strategies. This book will be your quick guide to exploring Informatica PowerCenter's powerful features such as working on sources, targets, transformations, performance optimization, scheduling, deploying for processing, and managing your data at scale. You will learn how to install and configure tools. You will learn to implement various data warehouse and ETL concepts, and use PowerCenter 10.x components to build mappings, tasks, workflows, and so on. You will come across features such as transformations, SCD, XML processing, partitioning, constraint-based loading, Incremental aggregation, and many more. Moreover, you'll also learn to use Informatica PowerCenter visualizations for data profiling using the advanced monitoring dashboard functionality offered by the new version. Using data transformation technique, performance tuning, and the advanced features, this book will help you understand and process data for training or production purposes. The step-by-step approach and adoption of real-time scenarios will guide you through all core functionalities offered by Informatica PowerCenter version 10.x. Style and approach You'll get hand-on with sources, targets, transformations, performance optimization, schema design, XML processing, and managing your data, and learn everything you need to become a proficient Informatica PowerCenter developer.

Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design integration solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk Server, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive examples that show you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, maintain, and troubleshoot a messaging system once it is in use, get this book.

Clear your doubts about Business Intelligence and start your new journey KEY FEATURES ? Includes successful methods and innovative ideas to achieve success with BI. ? Vendor-neutral and based on experience. ? Highlights practical challenges in BI journeys. ? Covers financial aspects along with technical aspects. ? Showcases multiple BI organization models and the success factors. DESCRIPTION The book demystifies misconceptions and misinformation about BI. It provides clarity to almost everything related to BI in a simplified and unbiased way. It covers top-level definition of BI, terms used in the BI definition, coinage of BI, details of the different main uses of BI, processes that support the main uses, side benefits, and the level of importance of BI based on various parameters, main phases in the BI journey and the challenges faced in each of the phases in the BI journey. It clarifies myths about self-service BI and real-time BI.

the structure of a typical internal BI team, BI organizational models, and the main roles in BI. It also clarifies the doubts around roles in BI. It explores the different components that BI uses and explains how to calculate the total cost of the ownership of BI and ROI for BI. It covers several ideas, including unconventional ideas to achieve BI success and also learn about different types of BI architectures, commonly used technologies, tools, and concepts in BI and provides clarity about the boundary of BI w.r.t technologies, tools, and concepts. The book provides a strong foundation and provides the right perspective about BI. It enables you to start or restart your journey with BI. WHAT YOU WILL LEARN ? Builds a strong conceptual foundation and provides the right perspective and clarity on BI uses, challenges, and architectures. ? Enables you to make the right decisions on the BI structure, organization model, and budget. ? Explains which BI tools are required for your business. ? Applies successful BI ideas. WHO THIS BOOK IS FOR This book is a must-read for business managers, BI aspirants, CxOs, and all those who want to drive value with data-driven insights. TABLE OF CONTENTS 1. What is Business Intelligence? 2. Why do Businesses need BI? 3. Types of Business Intelligence 4. Challenges in Business Intelligence 5. Success in Business Intelligence 6. Financials of Business Intelligence 7. Ideas for Success with BI 8. Introduction to IBI 9. BI Architectures 10. Demystify Tech, Tools, and Concepts in BI

Exam Ref 70-761 Querying Data with Transact-SQL

Applied DAX with Power BI: From Zero to Hero with 15-minute Lessons

Cloud Computing

COBOL

Dictionary of Acronyms and Technical Abbreviations

A Guide for Developers and Administrators

Popular Science

Migrate your data to Salesforce and build low-maintenance and high-performing data integrations to get the most out of Salesforce and make it a "go-to" place for all your organization's customer information. When companies choose to roll out Salesforce, users expect it to be the place to find any and all information related to a customer—the coveted Client 360° view. On the day you go live, users expect to see all their accounts, contacts, and historical data in the system. They also expect that data entered in other systems will be exposed in Salesforce automatically and in a timely manner. This book shows you how to migrate all your legacy data to Salesforce and then design integrations to your organization's mission-critical systems. As the Salesforce platform grows more powerful, it also grows in complexity. Whether you are migrating data to Salesforce, or integrating with Salesforce, it is important to understand how these complexities need to be reflected in your design. Developing Data Migrations and Integrations with Salesforce covers everything you need to know to migrate your data to Salesforce the right way, and how to design low-maintenance, high-performing data integrations with Salesforce. This book is written by a practicing Salesforce integration architect with dozens of Salesforce projects under his belt. The patterns and practices covered in this book are the results of the lessons learned during those projects. What You'll Learn Know how Salesforce's data engine is architected and why Use the Salesforce Data APIs to load and extract data Plan and execute your data migration to Salesforce Design low-maintenance, high-performing data integrations with Salesforce Understand common data integration patterns and the pros and cons of each Know real-time integration options for Salesforce Be aware of common pitfalls Build reusable transformation code covering commonly needed Salesforce transformation patterns Who This Book Is For Those tasked with migrating data to Salesforce or building ongoing data integrations with Salesforce, regardless of the ETL tool or middleware chosen; project sponsors or managers nervous about data tracks putting their projects at risk; aspiring Salesforce integration and/or migration specialists; Salesforce developers or architects looking to expand their skills and take on new challenges

An in-depth Oracle Press guide to Oracle Exalytics In-Memory Machine Written by Oracle ACE Director Mark Rittman, this e-book offers comprehensive coverage of Oracle Exalytics In-Memory Machine, the best-in-class, preintegrated BI platform. After an overview of the product and its capabilities, you'll get complete details on installation, configuration, administration, maintenance, and creation of the in-memory adaptive data mart that powers the "speed-of-thought" dashboards. Expert tips for integrating with both Oracle and non-Oracle enterprise data sources are included. Enable your organization to analyze large amounts of data via rich, visual dashboards using Oracle Exalytics In-Memory Machine and this Oracle Press guide.

Rapid access to information is a prime requirement in any organization that wants to have a competitive edge in today's fast changing markets. How to retrieve information? How to capture data? How to format it? The answer lies in Data Warehousing. This HOTT Guide will give you access to all the essential information about the newest data storehouse: through articles by expert trendwatchers on strategic considerations, how-to reports defining the various ways to extract the data needed for critical business decisions, technical papers clarifying technologies and tools, business cases and key concepts that will provide the reader with a comprehensive overview of a business solution that is already indispensable.

This Dictionary covers information and communication technology (ICT), including hardware and software; information networks, including the Internet and the World Wide Web; automatic control; and ICT-related computer-aided fields. The Dictionary also lists abbreviated names of relevant organizations, conferences, symposia and workshops. This reference is important for all practitioners and users in the areas mentioned above, and those who consult or

write technical material. This Second Edition contains 10,000 new entries, for a total of 33,000.

File Processing

A Detail Paradigm to Support Azure SQL on Cloud and Dp 300 Study Guide

A Practical Guide to Collaborative E-Commerce

Informatica Big Data Management

Migrating Objects

Administering Relational Databases on Microsoft Azure

Seven Databases in Seven Weeks

Naeem, a top SAP professional, covers just what people need to know about BW. This essential guide--and the only BW offering at this time--provides straightforward information to help users reach the top of their field. CD includes the best resources for SAP's BW.

The primary purpose of this book is to capture the state-of-the-art in Cloud Computing technologies and applications. The book will also aim to identify potential research directions and technologies that will facilitate creation a global market-place of cloud computing services supporting scientific, industrial, business, and consumer applications. We expect the book to serve as a reference for larger audience such as systems architects, practitioners, developers, new researchers and graduate level students. This area of research is relatively recent, and as such has no existing reference book that addresses it. This book will be a timely contribution to a field that is gaining considerable research interest, momentum, and is expected to be of increasing interest to commercial developers. The book is targeted for professional computer science developers and graduate students especially at Masters level. As Cloud Computing is recognized as one of the top five emerging technologies that will have a major impact on the quality of science and society over the next 20 years, its knowledge will help position our readers at the forefront of the field.

Written by a Microsoft MVP, this book teaches you the practical skills to take the most of DAX from whatever angle you'd like to approach it. It's written for data analysts using Power BI or Power Pivot, BI developers targeting Analysis Services Tabular, and in general anyone who's interested in DAX. You'll learn DAX methodically with self-paced lessons that build upon your previous knowledge to introduce progressively more challenging concepts. Each lesson starts with providing the necessary theoretical background, followed by step-by-step exercises. Most lessons are five to six pages long, and it should take you no more than 15 minutes to complete the practices. Do one lesson per day and become a DAX expert in a month! The book page at <https://prologika.com/daxbook> provides sample chapters, source code, and a discussion forum where the author welcomes your feedback and questions. WHAT'S INSIDE: CALCULATED COLUMNS Create custom columns Navigate relationships Assemble dashboards with a few clicks Aggregate and rank data Implement groups and bins Create calculated tables MEASURES Implicit and explicit measures Work with user selection Create variables Overwrite filter context Group data Apply time intelligence QUERIES Create and test DAX queries Implement query measures Analyze query performance Implement paginated reports ADVANCED TOPICS Recursive relationships Many-to-many relationships Virtual relationships Different join types Data security patterns and much more ...

This comprehensive guide reveals the key elements of successful B2B integration and collaborative e-commerce, by highlighting business needs, technologies, and development strategies. It equips companies with practical guidelines for quickly implementing an effective B2Bi strategy, and prepares them for the next wave of B2B integration and collaborative e-commerce. It clarifies the intricate dependencies among all the components of B2Bi, including integration patterns, enterprise application integration (EAI), business process management (BPM), Internet security, XML, Web services, middleware technologies, and integration brokers. Included are future technologies that will have a significant impact on B2Bi architectures, such as intelligent software agents, wireless technologies, and peer-to-peer computing. This reference provides a suitable framework for the design, development, and implementation of B2B integration, along with several case studies. Editors: Dr Marcus Healey — Strategy Consultant for InfoFirst Inc., USA Dr Shyam Samtani (Language Editor) — Professor of English, P G Department of English, Indore Christian College, India Contributors: Kenneth Tamburello — Senior Consultant Specialist at Bluesphere (an EDS company), USA Deepak Bajaj — Course Coordinator of Project Management, University of Technology Sydney (UTS), Australia Dimple Sadhwani — Senior Software Engineer, Island ECN, USA Pawan Samtani — Country Operations Manager, Oracle Corporation, India Contents: The Big Picture:IntroductionComponents, Benefits, Challenges and Applications of B2B IntegrationEstablished Integration Components:Integration PatternsEnterprise Application Integration (EAI)Business Process Management (BPM)Extensible Markup Language (XML)XML Standards for E-BusinessMiddleware TechnologiesIntegration BrokersInternet SecurityEvolving Integration Components:Web ServicesWireless TechnologiesSoftware AgentsB2Bi-Enabled Applications:Supply Chain Management (SCM)E-Marketplaces and Collaborative NetworksConclusion:B2B to P2P Evolution Readership: MBA students, business executives, IT managers and programmers, and CIOs.

For Information and Communication Technologies and Related Areas

Patterns and Best Practices

Understand and Clear All Your Doubts and Misconceptions About BI (English Edition)

Learning Informatica PowerCenter 10.x

Become a citizen developer and lead the digital transformation wave with Microsoft Teams and Power Platform

Siebel ICM

SAP and Informatica PowerCenter Internal Tables: Consultant Guide

If you've been asked to maintain large and complex Hadoop clusters, this book is a must. Demand for operations-specific material has skyrocketed now that Hadoop is becoming the de facto standard for truly large-scale data processing in the data center. Eric Sammer, Principal Solution Architect at Cloudera, shows you the particulars of running Hadoop in production, from planning, installing, and configuring the system to providing ongoing maintenance. Rather than run through all possible scenarios, this pragmatic operations guide calls out what works, as demonstrated in critical deployments. Get a high-level overview of HDFS and MapReduce: why they exist and how they work Plan a Hadoop deployment, from hardware and OS selection to network requirements Learn setup and configuration details with a list of critical properties Manage resources by sharing a cluster across multiple groups Get a runbook of the most common cluster maintenance tasks Monitor Hadoop clusters—and learn troubleshooting with the help of real-world war stories Use basic tools and techniques to handle backup and catastrophic failure Peggy Guggenheim (1898 - 1979) challenged boundaries as a patron and collector. She is celebrated for her groundbreaking collection of European and American modern art. The volume will focus on a lesser-known but crucial episode in Guggenheim's own migratory path: her turn to the arts of Africa, Oceania, and the Americas in the 1950s and '60s. In these years, Guggenheim acquired works created by artists from cultures worldwide, including early twentieth-century sculpture from Mali, Côte d'Ivoire, and New Guinea, and ancient examples from Mexico and Peru. 'Migrating Objects' emerges from an extended period of research and discussion on this largely ignored area of Guggenheim's collection by a curatorial advisory committee, which has led to exciting findings, including the reattribution of individual works, among them the Nigerian headdress (Ago Egungun) produced by the workshop of Oniyide Adugbologe (ca. 1875-1949), which is illustrated in the catalogue.00Exhibition: Peggy Guggenheim Collection, Venice, Italy (15.02-14.06.2020).

If you wish to deploy Informatica in enterprise environments and make a career in data warehousing, then this book is for you. Whether you are a developer who's new to Informatica or an experienced professional, you will learn all the features of Informatica. Basic knowledge of programming and data warehouse concepts is essential.

This book is ideal for IT professionals who have some experience with SQL Server or Database but are looking for a rich hands-on resource with guidance to explore each of the Azure SQL administrator concepts and the solutions the cloud provider offers. The book is primarily designed for Cloud DBAs (with ample knowledge of SQL server) who are new to Azure and want to have a solid start and get an in-depth glimpse on advanced topics that will help them to solve day-to-day issues plus effectively support the Azure databases. Administering Relational Databases on Microsoft Azure takes readers through a complete tour of understanding fundamental Azure concepts, Azure SQL administration, Azure Management tools, and techniques. This book will give an edge over to clear DP 300 exam. Increasingly, we continue to flood with information about the importance of the cloud. Cloud computing is everywhere, but not everyone knows exactly what it is and where to get started. We try to focus more on Azure SQL and give you the foundational understanding of what the cloud really is and tell you how some of these cloud technologies can work for you, and direct you to improve your knowledge and get certified with hassle-free learning. If you find it is for you, you will pick up useful tricks and tips for making a move to the cloud as seamless as possible. It is never too late to turn the corner from "On-premise DBA" to "Cloud DBA specialist". In most technical discussions, we see a vast gap in cloud adoption and the reality of absorption. There is always a need to learn the Next-Gen technology. In this book, you explore the importance of understanding and managing cloud databases and the skills you must build around the Cloud to face the cloud DBA certification. In addition, along the way, you will pick up great interesting insights, real-time scenarios and fundamentals, concepts of Cloud, cloud management tools, test cases, and several practice solutions.

Arts of Africa, Oceania, and the Americas in the Peggy Guggenheim Collection

The Ultimate Guide to Building Corporate Business Intelligence

Oracle Business Intelligence Applications

Learning Informatica PowerCenter 10. X - Second Edition

Optimizing Oracle Performance

A Comprehensive Guide Through the Italian Database Research Over the Last 25 Years

A Guide for the Modern Witch

Learning Informatica PowerCenter 10.xPackt Publishing Ltd

Design, build, and deploy multi-platform apps to overcome crucial business problems by leveraging the capabilities of low-code and no-code development enabled through Microsoft Power Platform and Teams Key Features Find out how you can accelerate the digital transformation of your organization as a citizen developer Build your first app with the help of step-by-step guidance and add capabilities with flows and bots Learn about lifecycle management for applications, environments, and licensing Book Description Microsoft Dataverse for Teams is a built-in, low-code data platform for Teams and enables everyone to easily build and deploy apps, flows, and intelligent chatbots using Power Apps, Power Automate, and Power Virtual Agents (PVA) embedded in Microsoft Teams. Without learning any coding language, you will be able to build apps with step-by-step explanations for setting up Teams, creating tables to store data, and

leverage the data for your digital solutions. With the techniques covered in the book, you'll be able to develop your first app with Dataverse for Teams within an hour! You'll then learn how to automate repetitive tasks or build alerts using Power Automate and Power Virtual Agents. As you get to grips with building these digital solutions, you'll also be able to understand when to consider upgrading from Dataverse for Teams to Dataverse, along with its advanced features. Finally, you'll explore features for administration and governance and understand the licensing requirements of Microsoft Dataverse for Teams and PowerApps. Having acquired the skills to build and deploy an enterprise-grade digital solution, by the end of the book, you will have become a qualified citizen developer and be ready to lead a digital revolution in your organization. What you will learn Gain a deeper understanding of Microsoft Dataverse for Teams by exploring various business scenarios Design, build, and deploy enterprise-grade applications for Teams Develop Power Automate flows and PVA bots using Dataverse for Teams Discover administration and security best practices Understand the licensing requirements and advanced features of Microsoft Dataverse Identify scenarios in your organizations where your citizen development skills can be leveraged Who this book is for The book is for citizen developers, business professionals, or anyone looking to develop applications to solve critical business problems. Basic knowledge of using software like PowerPoint, Excel-like formulae, and navigating between application screens is all you need to get started with this book.

This is a practical step by step hand-on guide to learn and master Informatica. Informatica is widely used ETL tool and provided end to end data integration and management solution. This book introduces Informatica in detail. It provides a detailed step by step installation tutorial of Informatica. It teaches various activities like data cleansing, data profiling, transforming and scheduling the workflows from source to target in simple steps, etc. Here is what you will learn – Chapter 1: Introduction to Informatica Chapter 2: Informatica Architecture Tutorial Chapter 3: How to Download & Install Informatica PowerCenter Chapter 4: How to Configure Client and Repository in Informatica Chapter 5: Source Analyzer and Target Designer in Informatica Chapter 6: Mappings in Informatica: Create, Components, Parameter, Variable Chapter 7: Workflow in Informatica: Create, Task, Parameter, Reusable, Manager Chapter 8: Workflow Monitor in Informatica: Task & Gantt Chart View Examples Chapter 9: Debugger in Informatica: Session, Breakpoint, Verbose Data & Mapping Chapter 10: Session Properties in Informatica Chapter 11: Introduction to Transformations in Informatica and Filter Transformation Chapter 12: Source Qualifier Transformation in Informatica with EXAMPLE Chapter 13: Aggregator Transformation in Informatica with Example Chapter 14: Router Transformation in Informatica with EXAMPLE Chapter 15: Joiner Transformation in Informatica with EXAMPLE Chapter 16: Rank Transformation in Informatica with EXAMPLE Chapter 17: Sequence Transformation in Informatica with EXAMPLE Chapter 18: Transaction Control Transformation in Informatica with EXAMPLE Chapter 19: Lookup Transformation in Informatica & Re-usable Transformation Example Chapter 20: Normalizer Transformation in Informatica with EXAMPLE Chapter 21: Performance Tuning in Informatica Download Today -Free to Read for Kindle Unlimited Subscribers!

This book teaches Informatica Big Data Management (BDM). Any existing Informatica Developers (PowerCenter or Informatica Platform) can leverage this book to learn BDM at a self-study pace. This book covers HDFS, Hive, Complex Files such as Avro, Parquet, JSON, & XML, BDM on Amazon AWS, BDM on Microsoft Azure ecosystems and much more. Spark execution mode including hierarchical data types and stateful variables are covered. This book covers DI on Big Data and does not cover data quality in BDM. Data Masking and Data Processor (B2B) on BDM are introduced and not covered in detail. NOTE: Purchasing this book does not entitle you for free software from Informatica. Readers should have a working Informatica BDM environment and a valid license key to execute the labs detailed within List of chapters and collateral downloads are available at Author's website: <http://keshavvadrevu.com/books/informatica-big-data-management>

Building Open Source ETL Solutions with Pentaho Data Integration

The One-Stop Guide for All Informatica Developers: The Complete Reference

Hadoop Operations

Pentaho Kettle Solutions

Digital Transformation with Dataverse for Teams

InfoWorld

Learning Informatica PowerCenter 9.x

**Implement Oracle Business Intelligence Applications Provide actionable business intelligence across the enterprise to enable informed decision-making and streamlined business processes. Oracle Business Intelligence Applications: Deliver Value Through Rapid Implementations shows how to justify, configure, customize, and extend this complete package of BI solutions. You'll get a technical walkthrough of Oracle Business Intelligence Applications architecture--from the dashboard to the data source--followed by best practices for maximizing the powerful features of each application. You will also find out about stakeholders critical to project approval and success. Optimize performance using Oracle Exalytics In-Memory Machine Deliver timely financial information to managers with Oracle Financial Analytics Enable a streamlined, demand-driven supply chain via Oracle Supply Chain and Order Management Analytics Provide end-to-end visibility into manufacturing operations with Oracle Manufacturing Analytics Optimize supply-side performance through Oracle Procurement and Spend Analytics Use Oracle Human Resources Analytics to provide key workforce information to managers and HR professionals Track the costs and labor required to maintain and operate assets with Oracle Enterprise Asset Management Analytics Maintain visibility into project performance via Oracle Project Analytics Provide actionable insight into sales opportunities using Oracle Sales Analytics Enable superior customer service with Oracle Service Analytics**

**Most of modern enterprises, institutions, and organizations rely on knowledge-based management systems. In these systems, knowledge is gained from data analysis. Today, knowledge-based management systems include data warehouses as their core components. Data integrated in a data**

warehouse are analyzed by the so-called On-Line Analytical Processing (OLAP) applications designed to discover trends, patterns of behavior, and anomalies as well as finding dependencies between data. Massive amounts of integrated data and the complexity of integrated data coming from many different sources make data integration and processing challenging. New Trends in Data Warehousing and Data Analysis brings together the most recent research and practical achievements in the DW and OLAP technologies. It provides an up-to-date bibliography of published works and the resource of research achievements. Finally, the book assists in the dissemination of knowledge in the field of advanced DW and OLAP.

**Harness the power and simplicity of Informatica PowerCenter 10.x to build and manage efficient data management solutions**  
**About This Book\*** Master PowerCenter 10.x components to create, execute, monitor, and schedule ETL processes with a practical approach.\* An ideal guide to building the necessary skills and competencies to become an expert Informatica PowerCenter developer.\* A comprehensive guide to fetching/transforming and loading huge volumes of data in a very effective way, with reduced resource consumption  
**Who This Book Is For** If you wish to deploy Informatica in enterprise environments and build a career in data warehousing, then this book is for you. Whether you are a software developer/analytic professional and are new to Informatica or an experienced user, you will learn all the features of Informatica 10.x. A basic knowledge of programming and data warehouse concepts is essential.  
**What You Will Learn\*** Install or upgrade the components of the Informatica PowerCenter tool\* Work on various aspects of administrative skills and on the various developer Informatica PowerCenter screens such as Designer, Workflow Manager, Workflow Monitor, and Repository Manager.\* Get practical hands-on experience of various sections of Informatica PowerCenter, such as navigator, toolbar, workspace, control panel, and so on\* Leverage basic and advanced utilities, such as the debugger, target load plan, and incremental aggregation to process data\* Implement data warehousing concepts such as schemas and SCDs using Informatica\* Migrate various components, such as sources and targets, to another region using the Designer and Repository Manager screens\* Enhance code performance using tips such as pushdown optimization and partitioning  
**In Detail** Informatica PowerCenter is an industry-leading ETL tool, known for its accelerated data extraction, transformation, and data management strategies. This book will be your quick guide to exploring Informatica PowerCenter's powerful features such as working on sources, targets, transformations, performance optimization, scheduling, deploying for processing, and managing your data at speed. First, you'll learn how to install and configure tools. You will learn to implement various data warehouse and ETL concepts, and use PowerCenter 10.x components to build mappings, tasks, workflows, and so on. You will come across features such as transformations, SCD, XML processing, partitioning, constraint-based loading, Incremental aggregation, and many more. Moreover, you'll also learn to deliver powerful visualizations for data profiling using the advanced monitoring dashboard functionality offered by the new version. Using data transformation technique, performance tuning, and the many new advanced features, this book will help you understand and process data for training or production purposes. The step-by-step approach and adoption of real-time scenarios will guide you through effectively accessing all core functionalities offered by Informatica PowerCenter version 10.x.  
**Style and approach** You'll get hand-on with sources, targets, transformations, performance optimization, scheduling, deploying for processing, and managing your data, and learn everything you need to become a proficient Informatica PowerCenter developer.

Oracle system performance inefficiencies often go undetected for months or even years--even under intense scrutiny--because traditional Oracle performance analysis methods and tools are fundamentally flawed. They're unreliable and inefficient. Oracle DBAs and developers are all too familiar with the outlay of time and resources, blown budgets, missed deadlines, and marginally effective performance fiddling that is commonplace with traditional methods of Oracle performance tuning. In this crucial book, Cary Millsap, former VP of Oracle's System Performance Group, clearly and concisely explains how to use Oracle's response time statistics to diagnose and repair performance problems. Cary also shows how "queueing theory" can be applied to response time statistics to predict the impact of upgrades and other system changes. Optimizing Oracle Performance eliminates the time-consuming, trial-and-error guesswork inherent in most conventional approaches to tuning. You can determine exactly where a system's performance problem is, and with equal importance, where it is not, in just a few minutes--even if the problem is several years old. Optimizing Oracle Performance cuts a path through the complexity of current tuning methods, and streamlines an approach that focuses on optimization techniques that any DBA can use quickly and successfully to make noticeable--even dramatic--improvements. For example, the one thing database users care most about is response time. Naturally, DBAs focus much of their time and effort towards improving response time. But it is entirely too easy to spend hundreds of hours to improve important system metrics such as hit ratios, average latencies, and wait times, only to find users are unable to perceive the difference. And an expensive hardware upgrade may not help either. It doesn't have to be that way. Technological advances have added impact, efficiency, measurability, predictive capacity, reliability, speed, and practicality to the science of Oracle performance optimization.

Optimizing Oracle Performance shows you how to slash the frustration and expense associated with unraveling the true root cause of any type of performance problem, and reliably predict future performance. The price of this essential book will be paid back in hours saved the first time its methods are used.

**The Data Warehouse ETL Toolkit**

**Enterprise Integration Patterns**

**Definitive Guide to Learn Informatica for Beginners**

**Big Data Processing Made Simple**

**Self Study Book for Informatica Developers**

**B2B Integration**

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

A complete guide to Pentaho Kettle, the Pentaho Data Integration toolset for ETL This practical book is a complete guide to installing, configuring, and managing Pentaho Kettle. If you ' re a database administrator or developer, you ' ll first get up to speed on Kettle basics and how to apply Kettle to create ETL solutions—before progressing to specialized concepts such as clustering, extensibility, and data vault models. Learn how to design and build every phase of an ETL solution. Shows developers and database administrators how to use the open-source Pentaho Kettle for enterprise-level ETL processes (Extracting, Transforming, and Loading data) Assumes no prior knowledge of Kettle or ETL, and brings beginners thoroughly up to speed at their own pace Explains how to get Kettle solutions up and running, then follows the 34 ETL subsystems model, as created by the Kimball Group, to explore the entire ETL lifecycle, including all aspects of data warehousing with Kettle Goes beyond routine tasks to explore how to extend Kettle and scale Kettle solutions using a distributed “cloud” Get the most out of Pentaho Kettle and your data warehousing with this detailed guide—from simple single table data migration to complex multisystem clustered data integration tasks.

Spark: The Definitive Guide

Data Warehouse Development Tools

Data Warehousing