

## Cognos Tutorial

SQL kann Spaß machen! Es ist ein erhebendes Gefühl, eine verworrene Datenmanipulation oder einen komplizierten Report mit einer einzigen Anweisung zu bewältigen und dabei einen Haufen Arbeit vom Tisch zu bekommen. Wenn Sie SQL endlich auch souverän nutzen.

"Introduction to Time-Frequency and Wavelet Transforms" takes a heuristic approach to time-frequency and wavelet analysis, drawing upon the engineer's intuition, not abstract equations. Discover how to identify applications, choose approaches, and successfully apply time-frequency and wavelet analysis. Shie Qian presents multiple real-world applications -- many previously unpublished. All algorithms are drawn from commercial software, and all examples are available for download.

This book provides solutions to manage information competently in order to increase its business usage. The information/knowledge business is a highly-dynamic evolving industry, and the novel methodologies and practices for the business information processing, as well as application of mathematical models to the business analytics and efficient management, are the most essential for the decision-making and further development of this field. Consequently, in this series subline first volume, the authors study challenges and opportunities, as well as embrace different aspects of business information processing for an efficient enterprise management. The authors cover also methods and techniques, as well as strategies for the efficient business information processing for management. Besides, the authors analyse strategies for lowering business information/data loss, while improving customer satisfaction and maintenance levels. The major goal is to analyse the key aspects of managerial implications on the informational business on the continuous basis.

The only official guide to building effective business solutions with TM1 from IBM Cognos IBM Cognos TM1: The Official Guide offers complete coverage of the 64-bit in-memory online analytical processing (OLAP) engine. Based on the newest release, TM1 10, this official guide offers an advanced tutorial for TM1 concepts from a technical and a business point of view. The authors, members of the TM1 team, provide typical business examples and technical insights for building practical solutions, based on their own experiences. Emphasis is placed on teaching best practices and expanding skills to learn the more powerful capabilities of TM1. The book covers analytical processing, data entry, simulation, workflow components, and more. IBM Cognos TM1: The Official Guide: The first and only officially endorsed book on IBM Cognos TM1

Written by members of IBM Cognos TM1 team with combined experience of 50 years with the product Provides working solutions for relevant business problems Offers deep insights into the most powerful and undocumented capabilities of TM1 Explains how to build actionable business intelligence

**Hands-On Machine Learning with IBM Watson**

**Tutorial**

**Business Information Systems**

**IBM Cognos 8 Report Studio Cookbook**

**Proceedings of the 26th International Conference on Very Large Data Bases**

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.

Written in lucid language, this valuable textbook brings together fundamental concepts of data mining and data warehousing in a single volume. Important topics including information theory, decision tree, Naïve Bayes classifier, distance metrics, partitioning clustering, associate mining, data marts and operational data store are discussed comprehensively. The textbook is written to cater to the needs of undergraduate students of computer science, engineering and information technology for a course on data mining and data warehousing. The text simplifies the understanding of the concepts through exercises and practical examples. Chapters such as classification, associate mining and cluster analysis are discussed in detail with their practical implementation using Weka and R language data mining tools. Advanced topics including big data analytics, relational data models and NoSQL are discussed in detail. Pedagogical features including unsolved problems and multiple-choice questions are interspersed throughout the book for better understanding.

Take your IBM Cognos reports to a new level: learn from advanced reports taken straight from the classrooms of top IBM Cognos instructors! •Fully reflects the expert-level design challenges IBM Cognos report developers encounter most often. •A combined tutorial and cookbook that demonstrates real-world solutions and integrates the authors' personal experiences as IBM Cognos instructors. •Shows how to create 'consumer-friendly' reports, match reports to analysis, override data models, and use the newest Cognos 10 features. In this book, two leading IBM Cognos instructors show experienced Cognos users exactly how to take their reporting to the next level. Drawing on the best examples they've created in response to their students' real business challenges, the authors show how to design reports more effectively, prepare complex queries that run more efficiently, overcome common reporting problems, and generate more meaningful information. The authors share personal insights and examples from their unsurpassed experience working with hundreds of users of IBM Cognos reporting tools in multiple business roles and environments. Combining a step-by-step tutorial and 'cookbook' approach, they provide multiple reporting examples that professionals can easily adapt to their own requirements. Coverage includes: •Creating consumer-friendly reports. •Understanding and utilizing the report hierarchy. •Knowing when and how to override the data model. •Mastering advanced reporting techniques, including new advances in Version 10

A consultant with more than ten years of Cognos BI experience helps organizations develop and implement Business Intelligence (BI) solutions in the first volume in a series of titles on Cognos products. The step-by-step guide helps readers through the fundamentals of the software. (Computer Books - Database Management)

IBM Cognos Insight

Strategic Adoption of Technological Innovations

Einführung in SQL

Leverage IBM Watson to implement machine learning techniques and algorithms using Python

Second International Workshop, Datalog 2.0, Vienna, Austria, September 11-13, 2012, Proceedings

*This book takes a practical tutorial approach to teaching users the features of Cognos Insight. New and existing users of Cognos Insight who are looking to gain more knowledge about the product and Business Analytics in general.*

*This Cookbook contains step-by-step instructions for Report Studio 10.1 users to author effective reports. The book is designed in a way that you can refer to it chapter by chapter, look at the list of recipes and read them in no particular order.The Cognos 10.1 Report Studio Cookbook is for you if you are a Business Intelligence Developer who is working on IBM Cognos 10 Report Studio and wants to author impressive reports by putting to use what this tool has to offer. It is also ideal you are a Business Analyst or Power User who authors his own reports and wants to look beyond the conventional features of IBM Cognos 10 Report Studio.This book assumes that you are familiar with the architecture of IBM Cognos 10. You should also have basic knowledge of IBM Cognos Report Studio and can do the basic report authoring tasks.*

*In this IBM® Redbooks® publication we describe and demonstrate Version 9.7 of IBM InfoSphere™ Warehouse. InfoSphere Warehouse is a comprehensive platform with all the functionality required for developing robust infrastructure for business intelligence solutions. It enables companies to access and analyze operational and historical information, whether structured or unstructured, to gain business insight for improved decision making. InfoSphere Warehouse solutions simplify the processes of developing and maintaining a data warehousing infrastructure and can significantly enhance the time to value for business analytics. The InfoSphere Warehouse platform provides a fully integrated environment built around IBM DB2® 9.7 server technology on Linux®, UNIX® and Microsoft® Windows® platforms, as well as System z®. Common user interfaces support application development, data modeling and mapping, SQL transformation, online application processing (OLAP) and data mining functionality from virtually all types of information. Composed of a component-based architecture, it extends the DB2 data warehouse with design-side tooling and runtime infrastructure for OLAP, data mining, inLine analytics and intra-warehouse data movement and transformation, on a common platform.*

*Written as a practical guide, this book will show you how to manage your reporting environment using IBM Cognos 10 and make the most out of BI tools within your business - taking a hands-on approach to stimulate learning and develop your understanding. If you are an IBM Cognos or Business Intelligence developer or consultant, have a basic knowledge of Cognos 10 BI and a good level of understanding of Cognos 8 then this book is for you*

*Data Mining and Data Warehousing*

*Developments in Information & Knowledge Management for Business Applications*

*IBM Cognos 10 Framework Manager*

*IBM Cognos 10 Report Studio*

*Datalog in Academia and Industry*

Strategic Adoption of Technological Innovations brings together research from practitioners on the development, use, and importance of information technology in order to achieve organizational performance. This comprehensive collection is useful for academicians, scholars, researchers and other industry professionals to provide an understanding of strategy and use of information systems in organizations and entities.

The Easy, Visual Introduction to IBM DB2 Version 10.5 for Linux, UNIX, and Windows Foreword by Judy Huber, Vice President, Distributed Data Servers and Data Warehousing; Director, IBM Canada Laboratory This book covers everything you need to get productive with the latest version of IBM DB2 and apply it to today's business challenges. It discusses key features introduced in DB2 Versions 10.5, 10.1, and 9.7, including improvements in manageability, integration, security, Big Data support, BLU Acceleration, and cloud computing. DB2 Essentials illuminates key concepts with examples drawn from the authors' extensive experience with DB2 in enterprise environments. Raul F. Chong and Clara Liu explain how DB2 has evolved, what's new, and how to choose the right products, editions, and tools. Next, they walk through installation, configuration, security, data access, remote connectivity, and day-to-day administration. Each chapter starts with an illustrative overview to introduce its key concepts using a big picture approach. Clearly explained figures are used extensively, and techniques are presented with intuitive screenshots, diagrams, charts, and tables. Case studies illustrate how [theory] is applied in real-life environments, and hundreds of review questions help you prepare for IBM's newest DB2 certification exams. Coverage includes [ Understanding the role of DB2 in Big Data [ Preparing for and executing a smooth installation or upgrade [ Understanding the DB2 environment, instances, and databases [ Configuring client and server connectivity [ Working with database objects [ Getting started with BLU Acceleration [ Implementing security: authentication and authorization [ Understanding concurrency and locking [ Maintaining, backing up, and recovering data [ Using basic SQL in DB2 environments [ Diagnosing and solving DB2 problems This book is for anyone who plans to work with DB2, including DBAs, system administrators, developers, and consultants. It will be a great resource whether you're upgrading from an older version of DB2, migrating from a competitive database, or learning your first database platform.

Artificial Intelligence in Design '91 is a collection of 47 papers from the First International Conference on Artificial Intelligence in Design held at Edinburgh in June 1991. The papers in this book are grouped into 13 headings, starting with a background of AI design systems and to which extent AI that results from being used as planning tool be applied to quality-oriented design processes in architecture. A constraint-driven approach to object-oriented design is also shown on real-world objects. The use of CADSYN in the structural design of buildings is examined, along with design-dependent knowledge and design-independent knowledge. Discussions on empowering designers with integrated design environments are given whereby design objects may be retrieved from catalogues without requiring users to form queries. Mention is given to automated adjustment of parameter values frequently used in computer routine applications. The book also introduces the Computer Aided Design (CAD) as applied to architecture. Design representation using data models, non-monotonic reasoning in design, and the cognitive aspects of design using empirical studies are discussed. Topics of the industrial applications of AI in design, such as the needed steps to develop a successful AI-based tool, and a review of the Castlemain Project and telecommunication distribution networks follow. This book is suitable for programmers, computer science students, and architects and engineers who use computers in their line of work.

IBM® InfoSphere® Warehouse is the IBM flagship data warehouse platform for departmental data marts and enterprise data warehouses. It offers leading architecture, performance, backup, and recovery tools that help improve efficiency and reduce time to market through increased understanding of current data assets, while simplifying the daily operations of managing complex warehouse deployments. InfoSphere Warehouse Advanced Enterprise Edition delivers an enhanced set of database performance, management, and design tools. These tools assist companies in maintaining and increasing value from their warehouses, while helping to reduce the total cost of maintaining these complex environments. In this IBM Redbooks® publication we explain how you can build a business intelligence system with InfoSphere Warehouse Advanced Enterprise to manage and support daily business operations for an enterprise, to generate more income with lower cost. We describe the foundation of the business analytics, the Data Warehouse features and functions, and the solutions that can deliver immediate analytics solutions and help you drive better business outcomes. We show you how to use the advanced analytics of InfoSphere Warehouse Advanced Enterprise Edition and integrated tools for data modeling, mining, text analytics, and identifying and meeting the data latency requirements. We describe how the performance and storage optimization features can make building and managing a large data warehouse more affordable, and how they can help significantly reduce the cost of ownership. We also cover data lifecycle management and the key features of IBM Cognos® Business Intelligence. This book is intended for data warehouse professionals who are interested in gaining in-depth knowledge about the operational business intelligence solution for a data warehouse that the IBM InfoSphere Warehouse Advanced Enterprise Edition offers.

DB2 Essentials

Business Intelligence

IBM Cognos Business Intelligence

Human Capital Systems, Analytics, and Data Mining

Understanding DB2 in a Big Data World

**As the fastest growing dashboarding solution on the market, Xcelsius is an intuitive stand-alone Windows application that enables Excel users to transform the contents of an ordinary Excel spreadsheet into an engaging, interactive Flash-based dashboard Offers step-by-step instruction on the wide array of functionality that Xcelsius has to offer so that readers can complete mini-dashboards of increasing complexity with each chapter**

**Addresses how to prepare Excel spreadsheets for use with Xcelsius dashboards and then use basic components of Xcelsius (charts, buttons, labels) Shows ways to add advanced functionality to dashboards (gauges, sliders, maps) and create interactive business calculators with Xcelsius Discusses integrating Xcelsius reports into PowerPoint slides, Web pages, and e-mail**

**Der Autor zeigt Innovationspotenzial, Konzepte und Umsetzungen des rechnergestützten Stakeholder Relationship Managements auf. Er bildet Informationsbedarfe der Anspruchsgruppen in "intelligenten" Checklisten ab und entwickelt Stakeholder-Informationen-Systeme, die sich automatisch an Situationen, Rollen sowie an Eigenschaften der Benutzer anpassen. Die Leistungsfähigkeit des Instruments wurde am Bayerischen Forschungszentrum für wissenschaftliche Systeme (FORWISS) mit Partnern aus der Praxis überprüft.**

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

As business cycles speed up, many customers gain significant competitive advantage from quicker and more accurate business decision-making by using real data. For many customers, choosing the path to co-locate their transactional and analytical workloads on System z® better leverages their existing investment in hardware, software, and skills. We created a project to address a number of best practice questions on how to manage these newer, analytical type workloads, especially when co-located with traditional transactional workloads. The goal of this IBM® Redbooks® publication is to provide technical guidance and performance trade-offs associated with resource management and potentially DB2® data-sharing in a variety of mixed transactional / data warehouse System z topologies. The term co-location used here and in the rest of the book is specifically defined as the practice of housing both transactional (OLTP) and data warehouse (analytical) workloads within the same System z configuration. We also assumed that key portions of the transactional and data warehouse databases would reside on DB2 for z/OS®. The databases may or may not reside in a DB2 data-sharing environment; we discuss those pros and cons in this book. The intended audience includes DB2 data warehouse architects and practitioners who are facing choices in resource management and system topologies in the data warehouse arena. This specifically includes Business Intelligence (BI) administrators, DB2 database administrators (DBAs) and z/OS performance administrators / systems programmers. In addition, decision makers and architects can utilize this book to assist in making platform and database topology decisions. The book is divided into four parts. Part I, "Introducing the co-location project" covers the System z value proposition and why one should consider System z as the central platform for their data warehousing / business analytics needs. Some topics are risk avoidance via data consolidation, continuous availability, simplified disaster recovery, IBM Smart Analytics Optimizer, reduced network bandwidth requirements, and the unique virtualization and resource management capabilities of System z LPAR, z/VM® and WLM. Part I also provides some of the common System z co-location topologies along with an explanation of the general pros and cons of each. This would be useful input for an architect to understand where a customer is today and where they might consider moving to. Part II, "Project environment" covers the environment, products, workloads, workload drivers, and data models implemented for this study. The environment consisted of a logically partitioned z10TM 32way, running z/VM, Linux®, and z/OS operating system instances. On those instances we ran products such as z/OS DB2 V9, IBM Cognos® Business Intelligence Version 8.4 for Linux on System z, InfoSphere™ Warehouse for System z, InfoSphere Change Data Capture, z/OS WebSphere® V7, Tivoli® Omegamon for DB2 Performance expert. Utilizing these products we created transactional (OLTP), data warehouse query, and data warehouse refresh workloads. All the workloads were based on an existing web-based transactional bookstore workload, that's currently utilized for internal testing within the System p® and z labs. While some IBM Cognos BI and ISWz product usage and experiences information is covered in this book, we do not go into the depth typically found in IBM Redbooks publications, since there's another book focused specifically on that

**Solving Operational Business Intelligence with InfoSphere Warehouse Advanced Edition**

**IBM Cognos 8 Business Intelligence: The Official Guide**

**Anspruchsgruppenkommunikation**

**Practical Examples**

**CD-ROMs in Print**

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

"This book provides the latest ideas and research on advancing the understanding and implementation of business intelligence within organizations"--Provided by publisher.

Presented in a hands-on style, this guide presents you with real world examples to guide you through every process step by step.This book will be useful for any developer, novice or expert, who uses Framework Manager to build packages, but wants to expand their knowledge even further.

A comprehensive introduction to the technology, development and management of business information systems. The book assumes no prior knowledge of IS or IT, so that new concepts and terms are defined as clearly as possible, with explanations in the text, and definitions at the margin. In this fast-moving area, the book covers both the crucial underpinnings of the subject as well as the most recent business and technology applications. It is written for students on any IS, BIS or MIS course from undergraduate to postgraduate and MBA level within a Business or Computer Science Department.

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

Artificial Intelligence in Design '91

InfoWorld

IBM Cognos 10 Report Studio Cookbook, Second Edition

InfoSphere Warehouse: A Robust Infrastructure for Business Intelligence

An end-to-end guide for IBM implementation partners and solution providers. KEY FEATURES [ Detailed step-by-step IBM Software installation and configuration that saves time for installing and configuring computers. [

Designed for students, IT consultants, systems and solution architects, data analysts, and developers. [ Unique solution documentation for running Cognos configuration designed for banks, financial services, and insurance

companies. DESCRIPTION This book shows how to install IBM Cognos Analytics software and related systems on RedHat Enterprise Linux 8.0, IBM Cloud, IBM Cloud Private (Community Edition), and Windows 10. It includes step-

by-step instructions for downloading and installing IBM Cognos Analytics. It also includes numerous examples of setups and updates to analyze the OLAP database utilized by the IBM Case Manager. The initial chapters discuss

the installation of IBM Information Management Products. The reader will know the URLs of the downloading sites, the product codes, descriptions, sizes, and the names of each software downloaded to the gzip tar file. It

includes setting up RHEL 8.0 Linux OS and using the Docker system for installation on IBM Cloud PAK servers, RedHat Openshift clusters, and IBM Cloud Private. The IBM Cognos installation contains versions 11.1.1 through

11.4.0 on RedHat Linux 8.0 and Windows 10. The book includes the usage of the IBM Cognos Analytics 11.1 R4 Dynamic Cube Datastore and the 11.1 R4 Cube Designer for the report and dashboard. Additionally, the book

includes constructing the essential Zlib library from the C language source download, its compilation, and linking. WHAT YOU WILL LEARN [ Detailed step-by-step instructions for installing IBM Cognos Analytics. [ Installation on

Windows 10, RedHat Enterprise Linux 8.0, IBM Cloud, and IBM Cloud Private (CE). [ Downloading, compiling, and linking the necessary zlib library on Linux. [ Connecting to the CASTORE database using an example of Cognos

Analytics configuration. [ Creating OLAP Cubes for IBM Case Manager dashboard reports. WHO THIS BOOK IS FOR This book is for IT consultants, architects for systems and solutions, data analysts, and data analytics solution

developers. All the examples in the book are based on Unix/Windows and web-based tool basic knowledge. TABLE OF CONTENTS 1. Getting Started with IBM Resources for Cognos 2. IBM Cloud PAK Systems 3. RedHat OpenShift

4.x Installations 4. IBM Cloud Private Cluster systems 5. IBM Cognos Analytics 11. On RHEL 8.0 6. IBM Cognos Analytics 11. On Windows 10.0 7. IBM Cognos Analytics 11 on RHEL 8.0 Linux Fix for Zlib

Written in cookbook style, this book offers learning and techniques through recipes. It contains step-by-step instructions for Report Studio 8 users to author effective reports. The book is designed in such a way that you can

refer to things chapter by chapter, and read them in no particular order. You will see a new fictional business case in each recipe that will relate to a real-life problem and then you will learn how to crack it in Report Studio. If you are a Business Intelligence or MIS Developer (programmer) working on Cognos Report Studio who wants to author impressive reports by putting to use what this tool has to offer, this book is for you. You could also be a Business Analyst or Power User who authors his own reports and wants to look beyond the conventional features of Report Studio 8. This book assumes that you can do basic authoring, are aware of the Cognos architecture, and are familiar with Studio.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

The Only Authorized Guide to IBM Cognos 8 Business Intelligence Develop, deploy, and maintain a complete BI solution across your enterprise. IBM Cognos 8 Business Intelligence: The Official Guide shows you how to take full advantage of the robust service-oriented architecture and simplified role-based user interfaces. Learn how to create, share, and analyze data-rich reports that lead to increased productivity and better business decisions. Featuring real-world insight and expert tips, this is a must-have guide for IBM Cognos 8 Business Intelligence users of all levels, from administrators to end users. Measure and monitor performance using dashboards and scorecards Assign user roles and privileges Provide complete and consistent access to a broad range of data sources via Cognos Connection Use Cognos 8 Go! to extend BI to Office applications, mobile devices, and search engines Enable business users to create reports with Query Studio Develop new insights by exploring data in multiple dimensions and perspectives with Analysis Studio Build Dimensional Reports with Report Studio Use Event Studio to identify and deliver mission-critical information Create, modify, organize, and publish a model from Cognos Framework Manager Implement sound security measures Take advantage of the management tools in

Cognos Administration to ensure maximum reliability and availability

Installation, Upgrade, and Configuration of IBM Cognos Analytics

Wertorientierte Gestaltungsmöglichkeiten mit wissensbasierten Stakeholder-Informationen-Systemen

Canadiana

Smooth Onboarding of Data Analytics and Business Intelligence on Red Hat RHEL 8.0, IBM Cloud Private, and Windows Servers (English Edition)

Principles and Applications of Business Intelligence Research

A practical guide on Machine learning with IBM cloud to act as a solid yet concise reference for the readers. You will learn about the role of data representation and feature extraction in machine learning. This book will help you learn how to use the IBM Cloud to develop real-world machine learning solutions.

This book constitutes the refereed proceedings of the Second International Workshop on Datalog 2.0, held in Vienna, Austria, in September 2012. The 14 revised full papers presented together with 2 invited talks and 2 invited tutorials were carefully reviewed. Datalog 2.0 is a workshop for Datalog pioneers, implementors, and current practitioners: the contributions aim to bring every participant up-to-date with the newest developments and map out directions for the future.

Human Capital Systems, Analytics, and Data Mining provides human capital professionals, researchers, and students with a comprehensive and portable guide to human capital systems, analytics and data mining. The main purpose of this book is to provide an overview of HCMS, including coverage of human resource systems history and current HCMS Computing Environments. It next explores relational and dimensional database management concepts and principles. HCMS Instructional databases developed by the authors and Compensation Courses are used for database modeling and dashboard design exercises. Exciting knowledge discovery and research Tutorials and Exercises using Online Analytical Processing (OLAP) and data mining tools through replication of actual original research findings concerning Gender Based Pay Equity Research through the lens Comparable Worth and Occupational Mobility are covered extensively in Human Capital Metrics, Analytics and Data Mining Chapters.

Computerworld

Volume 1

IBM Cognos TM1 The Official Guide

Principles and Practical Techniques

PowerHouse for VMS