Ibm Cognos Tm1 The Official Guide

This IBM® Redbooks® publication is the first of two volumes explaining the approach and implementation of a new hybrid workload integrated in the existing IBM Smarter Banking® showcase, which is hosted at IBM in Montpellier, France. The volumes contain the following information. Volume 1 Assessment describes how to evaluate the requirements of a new IBM Smarter AnalyticsTM workload. It addresses the user, system resources, and data processing profiles to identify the optimal configuration using IBM methodologies, such as Fit for Purpose (F4P). Because the existing showcase is based on IBM zEnterprise®, the deployment options include IBM z/OS®, Linux on IBM System z®, IBM AIX® running on POWER7® blades within the zEnterprise BladeCenter® Extension (zBX), and Microsoft Windows 2008 Server running on Intel blades also within zBX. Volume 2 Implementation describes the steps involved in deploying the Smarter Analytics workload in the showcase. With multiple components, including IBM Cognos® 10.1 Business Intelligence, IBM Cognos TM1®, Cognos Metrics Studio, IBM SPSS®, IBM DB2® for z/OS, and many application design tools, the workload spans multiple operating environments. Application clustering, setting up performance policies using Unified Resource Manager, and simulation test execution results are included. This book is intended for an audience of professionals in an infrastructure architecture role. However, architects with a focus on business intelligence and analytics, as well as IT managers, will find value in reading this book. If you want to see this solution in action, contact your IBM representative or send an email directly to mopbcoe@fr.ibm.com.

IBM® Cognos® Business Intelligence (BI) provides a proven enterprise BI platform with an open data strategy. Cognos BI provides customers with the ability to use data from any source, package it into a business model, and make it available to consumers in various interfaces that are tailored to the task. IBM Cognos Dynamic Cubes complements the existing Cognos BI capabilities and continues the tradition of an open data model. It focuses on extending the scalability of the IBM Cognos platform to enable speed-of-thought analytics over terabytes of enterprise data, without having to invest in a new data warehouse appliance. This capability adds a new level of query intelligence so you can unleash the power of your enterprise data warehouse. This IBM Redbooks® publication addresses IBM Cognos Business Intelligence V10.2.2 and specifically, the IBM Cognos Dynamic Cubes capabilities. This book can help you in the following ways: Understand core features of the Cognos Dynamic Cubes capabilities of Cognos BI V10.2 Learn by example with practical scenarios by using the IBM Cognos samples This book uses fictional business scenarios to demonstrate the power and capabilities of IBM Cognos Dynamic Cubes. It primarily focuses on the roles of the modeler, administrator, and IT architect.

This is a guide to writing TI code for TM1 and Planning Analytics. You'll learn how to write Turbo Integrator processes that will automate tasks like loading data to your cubes, and building dimensions, hierarchies, views and subsets. See how to use variables, parameters, and functions, and programming structures like loops and IF statements.

The knowledge discovery process is as old as Homo sapiens. Until some time ago this process was solely based on the 'natural personal' computer provided by Mother Nature. Fortunately, in recent decades the problem has begun to be solved based on the development of the Data mining technology, aided by the huge computational power of the 'artificial' computers. Digging intelligently in different large databases, data mining aims to extract implicit, previously unknown and potentially useful information from data, since "knowledge is power". The goal of this book is to provide, in a friendly way, both theoretical concepts and, especially, practical techniques of this exciting field, ready to be applied in real-world situations. Accordingly, it is meant for all those who wish to learn how to explore and analysis of large quantities of data in order to discover the hidden nugget of information.

Annotation IBM Cognos TM1 is one of the most popular multidimensional analysis tools used to build collaborative planning, budgeting and forecasting solutions, as well as analytical and reporting applications. This cube-based technology does fast number crunching at the server end and helps end customers move away from manual and tedious planning, budgeting, and analytics processes.IBM Cognos TM1 Cookbook is a complete manual to building and managing applications with IBM Cognos TM1.Every important aspect of TM1 is covered with the help of practical recipes, which will make you well acquainted with the tool and you will be ready to take on TM1 projects in the real world. Existing TM1 users and developers will also benefit from the practical recipes covered in the book.The book will start with a chapter focusing on fundamentals of MOLAP and dimensional modeling, which forms the foundation on which IBM Cognos TM1 is based. Thereafter chapters will be more TM1-specific, starting with an introduction on dimensions and cubes and how to create and manage them. Further chapters will dig deeper into TM1 objects and rules.Then we will learn the more advanced features of TM1 such as automating common processes using scripts, customizing drill paths, using rules for advanced modeling, converting currencies, modeling for different fiscal requirements, and more.At the end of the book, we will cover how to present data and reports, workflows, and TM1 application security.

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

Today's managers are increasingly expected to successfully oversee and understand information systems -- even when it is an area in which they have had little formal training or expertise. INFORMATION TECHNOLOGY FOR MANAGERS is targeted at these future managers who are expected to understand the business implications of information

technology. Real world examples show future managers how information technology can be applied to improve their organization. INFORMATION TECHNOLOGY FOR MANAGERS provides a framework for managers to understand their important role vis-a-vis information technology and it emphasizes the importance of working effectively with all members of the organization to achieve results. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This book is packed with real word examples. Each major certification topic is covered in a separate chapter, which helps to make understanding of concepts easier. At the end of each chapter, you will find a variety of practice questions to strengthen and test your learning. If you are a beginner to intermediate level Cognos TM1 developer looking to add an important IBM certification to your resume but don't know where to start, this book is for you!

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Explains how to create and manage performance management solutions using IBM Cognos TM1, covering such topics as planning, forecasting, and scenario analytic solutions.

This book is for those Splunk developers who want to learn advanced strategies to deal with big data from an enterprise architectural perspective. You need to have good working knowledge of Splunk.

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

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This IBM® Redbooks® publication addresses topics to help clients to take advantage of the virtualization strengths of the POWER® platform to solve system resource utilization challenges and maximize system throughput and capacity. This publication examines the tools, utilities, documentation, and other resources available to help technical teams provide business solutions and support for Cognos® Business Intelligence (BI) and Statistical Package for the Social Sciences (SPSS®) on Power SystemsTM virtualized environments. This book addresses topics to help address complex high availability requirements, help maximize the availability of systems, and provide expert-level documentation to the worldwide support teams. This book strengthens the position of the Cognos and SPSS solutions with a well-defined and documented deployment model within a POWER system virtualized environment. This model provides clients with a planned foundation for security, scaling, capacity, resilience, and optimization. This book is targeted toward technical professionals (BI consultants, technical support staff, IT Architects, and IT Specialists) who are responsible for providing Smart Analytics solutions and support for Cognos and SPSS on Power Systems.

This book is packed with real word examples. Each major certification topic is covered in a separate chapter, which helps to make understanding of concepts easier. At the end of each chapter, you will find a variety of practice questions to strengthen and test your learning. If you are a beginner to intermediate level Cognos TM1 developer looking to add an important IBM certification to your resume but don't know where to start, this book is for you!

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- This is the latest practice test to pass the IBM C2090-424 InfoSphere DataStage v11.3 Exam. - It contains 64 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt. With IBM® Cognos® Business Intelligence, you have a proven enterprise business intelligence (BI) platform with an open-data access strategy. Because Cognos Business Intelligence uses a business language that is relevant to consumers, you can pull data from various data sources. Then, you can package it into a business model and make it available to consumers in various interfaces that are suited to the task. IBM Cognos Dynamic Cubes, which is a feature of the Cognos Business Intelligence V10.2.2 software, complements the existing query engine. As explained in this IBM Redbooks® Solution Guide, it extends Cognos scalability to enable speed-of-thought analytics over terabytes of enterprise data, without being forced to rely on a new data-warehousing appliance. With this capability, which adds a new level of query intelligence, you can unleash the power of your large enterprise data warehouse.

This book covers the most critical 24 NFRs that are applicable to IT applications and systems. About This Book Explains three stages of

nonfunctional requirements, that is, analysis, architecture, and assessment In-depth knowledge of NFR framework and taxonomy that provides guidance around the modelling phase for the NFRs Coverage of 24 critical and pivotal NFRs, including the analysis, architecture, and assessment. Who This Book Is For The primary audience for this title are the gamut of roles starting from IT consultant to chief architects who are responsible to deliver strategic, tactical, and operational engagements for fortune 100 customers worldwide. Nonfunctional requirements are the key to any software / IT program. They cannot be overlooked or ignored. The book provides a comprehensive approach from analysis, architecture, and measurement of nonfunctional requirements. The book includes considerations for bespoke (Java, .Net, and COTS applications). These are applicable to IT applications from various domains. The book outlines the methodology for capturing the NFRs and also describes a framework that can be leveraged by analysts and architects for tackling NFRs for various engagements. The audience for this book include business analysts, enterprise architects, business architects, solution architects, technical architects/designers, domain/security/integration architects, software developers, support engineers and test engineers, technical project managers, project leads/technical leads/technical project managers, and students from the computer science/IT stream What You Will Learn Learn techniques related to the analysis, architecture, and monitoring of NFRs Understand the various tools, techniques, and processes in order to improve the overall quality of the desired outcomes Embrace the best practices of architecting, metrics, and success factors for NFRs Identify the common pitfalls to be avoided and the patterns to leverage Understand taxonomy and framework for NFRs Learn the design guidelines for architecting applications and systems relating to NFRs Abstract different methodologies to analyze and gather NFRs In Detail Non-functional Requirements are key to any software/IT program and cannot be overlooked or ignored. This book provides a comprehensive approach to the analysis, architecture, and measurement of NFRs. It includes considerations for bespoke Java, .NET, and COTS applications that are applicable to IT applications/systems in different domains. The book outlines the methodology for capturing the NFRs and also describes a framework that can be leveraged by analysts and architects for tackling NFRs for various engagements. This book starts off by explaining the various KPIs, taxonomies, and methods for identifying NFRs. Learn the design guidelines for architecting applications and systems relating to NFRs and design principles to achieve the desired outcome. We will then move on to various key tiers/layers and patterns pertaining to the business, database, and integrating tiers. After this, we will dive deep into the topics pertaining to techniques related to monitoring and measurement of NFRs, such as sizing, analytical modeling, and quality assurance. Lastly, we end the book by describing some pivotal NFRs and checklists for the software quality attributes related to the business, application, data, and infrastructure domains. Style and approach The book takes a pragmatic approach, describing various techniques related to the analysis of NFRs, the architecture of NFRs, and assessment of NFRs.

Master the craft of predictive modeling in R by developing strategy, intuition, and a solid foundation in essential concepts About This Book Grasping the major methods of predictive modeling and moving beyond black box thinking to a deeper level of understanding Leveraging the flexibility and modularity of R to experiment with a range of different techniques and data types Packed with practical advice and tips explaining important concepts and best practices to help you understand quickly and easily Who This Book Is For Although budding data scientists, predictive modelers, or quantitative analysts with only basic exposure to R and statistics will find this book to be useful, the experienced data scientist professional wishing to attain master level status , will also find this book extremely valuable.. This book assumes familiarity with the fundamentals of R, such as the main data types, simple functions, and how to move data around. Although no prior experience with machine learning or predictive modeling is required, there are some advanced topics provided that will require more than

novice exposure. What You Will Learn Master the steps involved in the predictive modeling process Grow your expertise in using R and its diverse range of packages Learn how to classify predictive models and distinguish which models are suitable for a particular problem Understand steps for tidying data and improving the performing metrics Recognize the assumptions, strengths, and weaknesses of a predictive model Understand how and why each predictive model works in R Select appropriate metrics to assess the performance of different types of predictive model Explore word embedding and recurrent neural networks in R Train models in R that can work on very large datasets In Detail R offers a free and open source environment that is perfect for both learning and deploying predictive modeling solutions. With its constantly growing community and plethora of packages, R offers the functionality to deal with a truly vast array of problems. The book begins with a dedicated chapter on the language of models and the predictive modeling process. You will understand the learning curve and the process of tidying data. Each subsequent chapter tackles a particular type of model, such as neural networks, and focuses on the three important questions of how the model works, how to use R to train it, and how to measure and assess its performance using real-world datasets. How do you train models that can handle really large datasets? This book will also show you just that. Finally, you will tackle the really important topic of deep learning by implementing applications on word embedding and recurrent neural networks. By the end of this book, you will have explored and tested the most popular modeling techniques in use on real- world datasets and mastered a diverse range of techniques in predictive analytics using R. Style and approach This book takes a step-by-step approach in explaining the intermediate to advanced concepts in predictive analytics. Every concept is explained in depth, supplemented with practical examples applicable in a real-world setting.

Master the craft of predictive modeling in R by developing strategy, intuition, and a solid foundation in essential conceptsAbout This Book* Grasping the major methods of predictive modeling and moving beyond black box thinking to a deeper level of understanding* Leveraging the flexibility and modularity of R to experiment with a range of different techniques and data types* Packed with practical advice and tips explaining important concepts and best practices to help you understand quickly and easilyWho This Book Is ForAlthough budding data scientists, predictive modelers, or quantitative analysts with only basic exposure to R and statistics will find this book to be useful, the experienced data scientist professional wishing to attain master level status , will also find this book extremely valuable.. This book assumes familiarity with the fundamentals of R, such as the main data types, simple functions, and how to move data around. Although no prior experience with machine learning or predictive modeling is required, there are some advanced topics provided that will require more than novice exposure.What You Will Learn* Master the steps involved in the predictive modeling process* Grow your expertise in using R and its diverse range of packages* Learn how to classify predictive models and distinguish which models are suitable for a particular problem* Understand steps for tidying data and improving the performing metrics* Recognize the assumptions, strengths, and weaknesses of a predictive model* Understand how and why each predictive model works in R* Select appropriate metrics to assess the performance of different types of predictive model* Explore word embedding and recurrent neural networks in R* Train models in R that can work on very large datasetsIn DetailR offers a free and open source environment that is perfect for both learning and deploying predictive modeling solutions. With its constantly growing community and plethora of packages, R offers the functionality to deal with a truly vast array of problems.The book begins with a dedicated chapter on the language of models and the predictive modeling process. You will understand the learning curve and the process of tidying data. Each subsequent chapter tackles a particular type of model, such as neural networks, and focuses on the three important questions of how the model works, how to use R to train it, and how to measure and assess its performance

using real-world datasets. How do you train models that can handle really large datasets? This book will also show you just that. Finally, you will tackle the really important topic of deep learning by implementing applications on word embedding and recurrent neural networks.By the end of this book, you will have explored and tested the most popular modeling techniques in use on real- world datasets and mastered a diverse range of techniques in predictive analytics using R.Style and approachThis book takes a step-by-step approach in explaining the intermediate to advanced concepts in predictive analytics. Every concept is explained in depth, supplemented with practical examples applicable in a real-world setting.

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 - Realize the full potential of IBM Cognos BI - Learn by example with practical scenarios This book uses a fictional business scenario to demonstrate the power of IBM Cognos BI. The book is primarily focused on the roles of Advanced Business User, Professional Report Author, Modeler, Administrator, and IT Architect.

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

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Get your statistics basics right before diving into the world of data science About This Book No need to take a degree in statistics, read this book and get a strong statistics base for data science and real-world programs; Implement statistics in data science tasks such as data cleaning, mining, and analysis Learn all about probability, statistics, numerical computations, and more with the help of R programs Who This Book Is For This book is intended for those developers who are willing to enter the field of data science and are looking for concise information of statistics with the help of insightful programs and simple explanation. Some basic hands on R will be useful. What You Will Learn Analyze the transition from a data developer to a data scientist mindset Get acquainted with the R programs and the logic used for statistical computations Understand mathematical concepts such as variance, standard deviation, probability, matrix calculations, and more Learn to implement statistics in data science tasks such as data cleaning, mining, and analysis Learn the statistical techniques required to perform tasks such as linear regression, regularization, model assessment, boosting, SVMs, and working with neural networks Get comfortable with performing various statistical computations for data science programmatically In Detail Data science is an ever-evolving field, which is growing in popularity at an exponential rate. Data science includes techniques and theories extracted from the fields of statistics; computer science, and, most importantly, machine learning, databases, data visualization, and so on. This book takes you through an entire journey of statistics, from knowing very little to becoming comfortable in using various statistical methods for data science tasks. It starts off with simple statistics and then move on to statistical methods that are used in data science algorithms. The R programs for

statistical computation are clearly explained along with logic. You will come across various mathematical concepts, such as variance, standard deviation, probability, matrix calculations, and more. You will learn only what is required to implement statistics in data science tasks such as data cleaning, mining, and analysis. You will learn the statistical techniques required to perform tasks such as linear regression, regularization, model assessment, boosting, SVMs, and working with neural networks. By the end of the book, you will be comfortable with performing various statistical computations for data science programmatically. Style and approach Step by step comprehensive guide with real world examples

The ultimate guide to successful interviews for Enterprise, Business, Domain, Solution, and Technical Architect roles as well as IT Advisory Consultant and Software Designer roles About This Book Learn about Enterprise Architects IT strategy and NFR – this book provides you with methodologies, best practices, and frameworks to ace your interview A holistic view of key architectural skills and competencies with 500+ questions that cover 12 domains 100+ diagrams depicting scenarios, models, and methodologies designed to help you prepare for your interview Who This Book Is For This book is for aspiring enterprise, business, domain, solution, and technical architects. It is also ideal for IT advisory consultants and IT designers who wish to interview for such a role. Interviewers will be able leverage this book to make sure they hire candidates with the right competencies to meet the role requirements. What You Will Learn Learn about IT strategies, NFR, methodologies, best practices, and frameworks to ace your interview Get a holistic view of key concepts, design principles, and patterns related to evangelizing web and Java enterprise applications Discover interview preparation guidelines through case studies Use this as a reference guide for adopting best practices, standards, and design guidelines Get a better understanding with 60+ diagrams depicting various scenarios, models, and methodologies Benefit from coverage of all architecture domains including EA (Business, Data, Infrastructure, and Application), SA, integration, NFRs, security, and SOA, with extended coverage from IT strategies to the NFR domain In Detail An architect attends multiple interviews for jobs or projects during the course of his or her career. This book is an interview resource created for designers, consultants, technical, solution, domain, enterprise, and chief architects to help them perform well in interview discussions and launch a successful career. The book begins by providing descriptions of architecture skills and competencies that cover the 12 key domains, including 350+ questions relating to these domains. The goal of this book is to cover all the core architectural domains. From an architect's perspective, it is impossible to revise or learn about all these key areas without a good reference guide – this book is the solution. It shares experiences, learning, insights, and proven methodologies that will benefit practitioners, SMEs, and aspirants in the long run. This book will help you tackle the NFR domain, which is a key aspect pertaining to architecting applications. It typically takes years to understand the core concepts, fundamentals, patterns, and principles related to architecture and designs. This book is a goldmine for the typical questions asked during an interview and will help prepare you for success! Style and approach This book will help you prepare for interviews for architectural profiles by providing likely questions, explanations, and expected answers. It is an insight-rich guide that will help you develop strategic, tactical, and operational thinking for your interview.

The Advanced Reporting Guide includes instructions for advanced topics in the MicroStrategy system, building on information in the Basic Reporting Guide. Topics include reports, Freeform SQL reports, Query Builder reports, filters, metrics, Data Mining Services, custom groups, consolidations, and prompts.

Create custom dashboards and share using IBM Cognos BI 10.1

IBM Cognos TM1 The Official GuideMcGraw Hill Professional

The only authorized guide to IBM Cognos Business Intelligence v10.1 Updated for the latest release of the software, IBM Cognos Business Intelligence 10: The Official Guide explains how to create, implement, and manage an enterprise BI solution. Maximize all of the new and enhanced features, including the powerful modeling, monitoring, and analytics capabilities. Build and deliver reports that foster informed business decisions and better results. Filled with real-world examples and expert advice, this practical resource is ideal for anyone working with IBM Cognos Business Intelligence v10.1--from administrators to end users. Monitor performance using dashboards and scorecards Assign user roles and privileges Provide a single access point to application-specific data via Cognos Connection Access content from Microsoft Office applications and mobile devices Collect and analyze BI data in an interactive dashboard with Cognos Business Insight Use Cognos Administration tools for system management Implement appropriate security measures Create BI reports with relational and dimensional data using Business Insight Advanced Use Report Studio to build dimensional reports and statistical analyses Identify and deliver mission-critical information using Event Studio Monitor business performance with Metric Studio Create, modify, organize, and publish a model in Framework Manager Ensure report integrity with Lifecycle Manager

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Splunk is a type of analysis and reporting software for analyzing machine-generated Big Data. It captures, indexes, and correlates real-time data in a searchable repository from which it can generate graphs, reports, alerts, dashboards, and visualizations. It aims to make machine data accessible across an organization for a variety of purposes. Implementing Splunk Second Edition is a learning guide that introduces you to all the latest features and improvements of Splunk 6.2. The book starts by introducing you to various concepts such as charting, reporting, clustering, and visualization. Every chapter is dedicated to enhancing your knowledge of a specific concept, including data models and pivots, speeding up your queries, backfilling, data replication, and so on. By the end of the book, you'll have a very good understanding of Splunk and be able to perform efficient data analysis.

This IBM® Redbooks® publication explains how IBM Cognos® Business Intelligence (BI) administrators, authors, modelers, and power users can use the dynamic query layer effectively. It provides guidance for determining which technology within the dynamic

query layer can best satisfy your business requirements. Administrators can learn how to tune the query service effectively and preferred practices for managing their business intelligence content. This book includes information about metadata modeling of relational data sources with IBM Cognos Framework Manager. It includes considerations that can help you author high-performing applications that satisfy analytical requirements of users. This book provides guidance for troubleshooting issues related to the dynamic query layer of Cognos BI. Related documents: Solution Guide : Big Data Analytics with IBM Cognos BI Dynamic Query Blog post : IBM Cognos Dynamic Query Extensibility

Written as an interactive tutorial, this book covers the core of Kali Linux with realworld examples and stepbystep instructions to provide professional guidelines and recommendations for you. The book is designed in a simple and intuitive manner that allows you to explore the whole Kali Linux testing process or study parts of it individually.If you are an IT security professional who has a basic knowledge of Unix/Linux operating systems, including an awareness of information security factors, and want to use Kali Linux for penetration testing, then this book is for you.

This IBM® Redbooks® publication series explains the assessment and implementation of a workload, integrated within IBM Smarter Banking® Showcase, and hosted at IBM Montpellier, France. Intended for decision-makers, consultants, architects, administrators, and specialists, this book is the second volume in a series of two: Assessment: Volume 1 (SG24-8007) describes how to evaluate the requirements of a new Smarter Analytics workload, addressing the user, system resources, and data processing profiles to identify the most optimal configuration by using IBM methodologies, such as fit-for-purpose. Given that the existing showcase is based on the IBM zEnterprise® System, deployment options include IBM z/OS®, Linux on IBM System z®, IBM AIX® running on IBM POWER® processor-based blades within the zEnterprise BladeCenter® Extension (zBX), and Windows Server 2008 running on System x® and BladeCenter blades also within zBX. Implementation: Volume 2 (SG24-8008), which you are reading, describes the setups that are involved in deploying the Smarter Analytics workload within the showcase. With multiple components, including IBM Cognos® BI, IBM Cognos TM1®, Cognos Metric Studio, IBM DB2® for z/OS, and a number of application design tools, the workload spans multiple operating environments. The use of application clustering, setting up performance policies by using Unified Resource Manager, and simulation test execution results are included.

Learn effective tools and techniques to separate big data into manageable and logical components for efficient data visualization About This Book This unique guide teaches you how to visualize your cluttered, huge amounts of big data with ease It is rich with ample options and solid use cases for big data visualization, and is a must-have book for your shelf Improve your decision-making by visualizing your big data the right way Who This Book Is For This book is for data analysts or those with a basic knowledge of big data analysis who want to learn big data visualization in order to make their analysis more useful. You need sufficient knowledge of big data platform tools such as Hadoop and also some experience with programming languages such as R. This book will be great for those who are familiar with conventional data visualizations and now want to widen their horizon by exploring big data visualizations. What You Will Learn Understand how basic analytics is affected by big data Deep dive into effective and

efficient ways of visualizing big data Get to know various approaches (using various technologies) to address the challenges of visualizing big data Comprehend the concepts and models used to visualize big data Know how to visualize big data in real time and for different use cases Understand how to integrate popular dashboard visualization tools such as Splunk and Tableau Get to know the value and process of integrating visual big data with BI tools such as Tableau Make sense of the visualization options for big data, based upon the best suited visualization techniques for big data In Detail When it comes to big data, regular data visualization tools with basic features become insufficient. This book covers the concepts and models used to visualize big data, with a focus on efficient visualizations. This book works around big data visualizations and the challenges around visualizing big data and address characteristic challenges of visualizing like speed in accessing, understanding/adding context to, improving the quality of the data, displaying results, outliers, and so on. We focus on the most popular libraries to execute the tasks of big data visualization and explore "big data oriented" tools such as Hadoop and Tableau. We will show you how data changes with different variables and for different use cases with step-through topics such as: importing data to something like Hadoop, basic analytics. The choice of visualizations depends on the most suited techniques for big data, and we will show you the various options for big data visualizations based upon industry-proven techniques. You will then learn how to integrate popular visualization tools with graphing databases to see how huge amounts of certain data. Finally, you will find out how to display the integration of visual big data with BI using Cognos BI. Style and approach With the help of insightful real-world use cases, we'll tackle data in the world of big data. The scalability and hugeness of the data makes big data visualizations different from normal data visualizations, and this book addresses all the difficulties encountered by professionals while visualizing their big data.

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