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# **IBM Cognos TM1 Developer's Certification Guide**

Fast track your way to COG-310 certification!

**James D. Miller**

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# Cognos Tm1 Developer Guide

**James Miller**

## **Cognos Tm1 Developer Guide:**

**Ibm Cognos Tm1 Developer's Certification Guide** James D. Miller, 2012-01-01 This book is packed with real world 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

**IBM Cognos TM1 The Official Guide** Karsten Oehler, Jochen

Gruenes, Christopher Ilacqua, 2012-03-14 Publisher s Note Products purchased from Third Party sellers are not guaranteed by the publisher for quality authenticity or access to any online entitlements included with the product The only official guide to IBM Cognos TM1 Deliver timely accurate and actionable performance management solutions to users across your enterprise Filled with expert advice from a team of IBM professionals IBM Cognos TM1 The Official Guide shows you how to deploy and maintain a dynamic planning forecasting and scenario analytic solution Learn the latest Cognos TM1 10 1 best practices on how to model Cognos TM1 cubes develop highly agile performance management solutions generate feature rich reports and employ dashboards and scorecards Securing sizing and performance tuning are also covered in this IBM authorized resource This book can also be used with former TM1 versions Build Cognos TM1 models with cubes dimensions rules and TurboIntegrator processes Load data and establish workflow using the TurboIntegrator Model and analyze multidimensional business processes Develop applications using Excel and Cognos TM1 Web Manage high user volumes with scaling and concurrency Assign and enforce roles privileges and permissions Deliver custom reports to end users through dashboards Use KPIs and balanced scorecards to monitor performance From the Authors Why We Wrote This Book It is not surprising that in 25 years best practices and fantastic ideas of how to use Cognos TM1 have evolved For many business problems excellent solutions already exist We participated in this development process and learned from experienced people But knowledge about Cognos has been like a patchwork Only a few sites and communities exist and most experience has been gained by intuition and trial and error Every novice has to go the hard way and build solid knowledge from various more or less trustworthy sources It often takes years to become an expert We have felt this ourselves to train our colleagues in the secrets of Cognos TM1 takes time and effort Our intention is to increase the speed of the diffusion of Cognos TM1 into the business world For this of course marketing is necessary but good and comprehensive knowledge is more important So we want to provide everything that is necessary to work with Cognos TM1 effectively or at least what we think is necessary to work with it The obvious question is why hasn t there been a book about Cognos TM1 before now Perhaps Cognos TM1 has been a tool for insiders You definitely need critical mass for a book project However with Cognos TM1 becoming part of the IBM software family the time is right the first comprehensive book is now available Who This Book Is For Who should read this book Everybody who is interested in increasing their company s performance can profit from it External and internal

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**Implementing Splunk** Vincent Bumgarner,James D. Miller,2015-07-28 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

**Mastering Splunk** James Miller,2014-12-17 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

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**TIBCO Spotfire - A Comprehensive Primer** Michael Phillips,2015-02-19 If you are a business user or data professional this book will give you a solid grounding in the use of TIBCO Spotfire This book assumes no prior knowledge of Spotfire or even basic data and visualization concepts

[MDX Cube Reporting Guide for MicroStrategy 9.3.1](#)

MicroStrategy Product Manuals, MicroStrategy, 2013-04-30 **Mastering Predictive Analytics with R** James D. Miller, Rui Miguel Forte, 2017-08-18 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

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### **MDX Cube Reporting Guide for MicroStrategy 9. 3**

MicroStrategy Product Manuals, MicroStrategy, 2012-09-30 *Using zEnterprise for Smart Analytics: Volume 2 Implementation* Mike Ebbers, Alex Louwe Kooijmans, Colin Page, Patrick Hempeler, Qiong Liu, LK Swift, Lih Wang, IBM Redbooks, 2013-04-23 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

### **Cracking the IT Architect Interview**

Sameer Paradkar, 2016-11-30 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

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**Big Data Visualization** James D. Miller, 2017-02-28 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.

**DIY TI Do It Yourself TI Processes for IBM TM1 and PA** Robert J Cregan, 2020-01-19 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.

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**Mastering Predictive Analytics with R - Second Edition** James D. Miller, Rui Miguel Forte, 2017-08-18 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 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

### **Workload Optimized Systems: Tuning POWER7 for Analytics**

Dino Quintero, Thomas Ancel, Graeme Cassie, Rodrigo Ceron Ferreira de Castro, Amr Darwish, Guilherme Felix, Jian Jun He, Bharathraj Keshavamurthy, Sreenivas Makineedi, Girish Nikalje, Sudipto Pal, Zubair Salie, Ashu Tiwary, IBM Redbooks, 2013-04-14 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    **Implementing Splunk - Second Edition** James D. Miller, 2015-07-28 About This Book Learn to search configure and deploy Splunk on one or more machines Start working with Splunk fast with a tested set of practical examples and useful advice Step by step instructions and examples with comprehensive coverage for Splunk veterans and newbies alike Who This Book Is For If you are a data analyst with basic knowledge of Big Data analysis but no knowledge of Splunk then this book will help you get started with Splunk The book assumes that you have access to a copy of Splunk ideally not in production and many examples also assume you have administrator rights What You Will Learn Enrich your data with lookups and commands Transform your data into useful and beautiful reports Build professional looking informative dashboards Get to know what Splunk data models and pivots are Learn about pivot editor pivot elements filters Sparklines and more Manage configurations from one to thousands of instances Extend Splunk with scripts and advanced configuration Create fields from your unstructured data Write searches that are fast and lean In Detail 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

**Microsoft Reference Architecture for Commerce, Version 2.0** Microsoft Corporation, 2001 The Microsoft Reference Architecture for Commerce Version 2.0 consists of code and documentation designed to accelerate the development of e-commerce solutions for medium to large businesses This volume includes an e-commerce application which contains reusable and customizable components and was designed to address many of the general business requirements that are common to e-commerce solutions It also provides complete documentation including a thorough explanation of the application components and the decisions behind the code design and development process Also instructions for using modifying and testing the code and procedures for setting up the development environment and installing the application    **Cognos Powerplay** Cognos Corporation, 1996

## **Cognos Tm1 Developer Guide** Book Review: Unveiling the Power of Words

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