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Cognos Tm1 Developer Guide

James D. Miller, Rui Miguel Forte



Cognos Tm1 Developer Guide:

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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 *Statistics for Data Science* James D. Miller, 2017-11-17 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

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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 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

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

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

Mastering Splunk Jim 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

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 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 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

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 Systems™ 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

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