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## KEY=INSIGHT - CLARA CLINTON

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**IBM Cognos Business Intelligence V10.1 Handbook IBM Redbooks 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. IBM Cognos Business Intelligence V10.1: Intelligence Unleashed IBM Redbooks Organizations are pressured constantly to understand and react quickly to information. In addition, the complexity and volumes of data for all aspects of the environments in which organizations operate is increasing. Markets, regulatory environments, customer and supplier data, competitive information, and internal operational information all impact how data is viewed and interpreted. With a capable and efficient business intelligence (BI) solution, all levels of an organization can receive information how, when, and where they need it to make faster and better aligned decisions. Every user can have access to all the capabilities of the BI solution, and often organizations can determine a user's business need to access information using typical characteristics that are defined by that user's role. Many organizations often satisfy this complexity and these diverse demands with a number of point solutions. With IBM® Cognos® Business Intelligence (BI), you can satisfy needs throughout the user community and ensure that everyone can work and collaborate from a consistent set of data. In addition, IT is simplified with fewer components to deploy, manage, and maintain. Organizations need to make the most of a workforce that is increasingly driven to multi-task, network, and collaborate. IBM Cognos BI delivers analytics that everyone in the organization can use to answer key business questions. This IBM Redguide™ publication highlights features of IBM Cognos BI version 10.1. IBM Cognos Business Intelligence 10: The Official Guide McGraw Hill Professional Explains how to create and manage a business intelligence solution with IBM's software, covering business analytics, authoring content, and administering the framework. Solving Operational Business Intelligence with InfoSphere Warehouse Advanced Edition IBM Redbooks 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. IBM Cognos Business Intelligence v10 The Complete Guide IBM Press Maximize the Value of Business Intelligence with IBM Cognos v10 -- Hands-on, from Start to Finish This easy-to-use, hands-on guide brings together all the information and insight you need to drive maximum business value from IBM Cognos v10. Long-time IBM Cognos expert and product designer Sangeeta Gautam thoroughly illuminates Cognos BI v10's key capabilities: analysis, query, reporting, and dashboards. Gautam shows how to take full advantage of each key IBM Cognos feature, including brand-new innovations such as Active Reports and the new IBM Cognos Workspace report consumption environment. She concludes by walking you through successfully planning and implementing an integrated business intelligence solution using IBM's best-practice methodologies. The first and only guide of its kind, IBM Cognos Business Intelligence v10 offers expert insights for BI designers, architects, developers, administrators, project managers, nontechnical end-users, and partners throughout**

all areas of the business—from sales and marketing to operations and lines of business. If you're pursuing official IBM Cognos certification, you'll also find Cognos certification sample questions and information to help you with the certification process. Coverage Includes • Understanding IBM Cognos BI's components and open, extensible architecture • Working with IBM Cognos key "studio" tools: Analysis Studio, Query Studio, Report Studio, and Event Studio • Developing and managing powerful reports that draw on the rich capabilities of IBM Cognos Workspace and Workspace Advanced • Designing Star Schema databases and metadata models to answer the questions your organization cares about most • Efficiently maintaining and systematically securing IBM Cognos BI environments and their objects • Using IBM Cognos Connection as your single point of entry to all corporate data • Building interactive, easy-to-manage Active Reports for casual business users • Using new IBM Cognos BI v10.1 Dynamic Query Mode (DQM) to improve performance with complex heterogeneous data • Identifying, exploring, and exploiting hidden data relationships • Creating quick ad hoc queries that deliver fast answers • Establishing user and administrator roles

**Implementing an Advanced Application Using Processes, Rules, Events, and Reports IBM Redbooks** In this IBM® Redbooks® publication we describe how to build an advanced business application from end to end. We use a fictional scenario to define the application, document the deployment methodology, and confirm the roles needed to support its development and deployment. Through step-by-step instructions you learn how to: - Define the project lifecycle using IBM Solution for Collaborative Lifecycle Management - Build a logical and physical data model in IBM InfoSphere® Data Architect - Confirm business rules and business events using IBM WebSphere® Operational Decision Management - Map a business process and mediation using IBM Business Process Manager - Use IBM Cognos® Business Intelligence to develop business insight In addition, we articulate a testing strategy using IBM Rational® Quality Manager and deployment options using IBM Workload Deployer. Taken together, this book provides comprehensive guidance for building and testing a solution using core IBM Rational, Information Management, WebSphere, Cognos and Business Process Management software. It seeks to demystify the notion that developing and deploying advanced solutions is taxing. This book will appeal to IT architects and specialists who seek straightforward guidance on how to build comprehensive solutions. They will be able to adapt these materials to kick-start their own end-to-end projects.

**IBM Cognos Dynamic Query IBM Redbooks** 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 IBM Cognos Business Intelligence 10. 1 Dashboarding Cookbook Packt Publishing Ltd Create custom dashboards and share using IBM Cognos BI 10.1 IBM Watson Content Analytics: Discovering Actionable Insight from Your Content IBM Redbooks IBM® Watson™ Content Analytics (Content Analytics) Version 3.0 (formerly known as IBM Content Analytics with Enterprise Search (ICAwES)) helps you to unlock the value of unstructured content to gain new actionable business insight and provides the enterprise search capability all in one product. Content Analytics comes with a set of tools and a robust user interface to empower you to better identify new revenue opportunities, improve customer satisfaction, detect problems early, and improve products, services, and offerings. To help you gain the most benefits from your unstructured content, this IBM Redbooks® publication provides in-depth information about the features and capabilities of Content Analytics, how the content analytics works, and how to perform effective and efficient content analytics on your content to discover actionable business insights. This book covers key concepts in content analytics, such as facets, frequency, deviation, correlation, trend, and sentimental analysis. It describes the content analytics miner, and guides you on performing content analytics using views, dictionary lookup, and customization. The book also covers using IBM Content Analytics Studio for domain-specific content analytics, integrating with IBM Content Classification to get categories and new metadata, and interfacing with IBM Cognos® Business Intelligence (BI) to add values in BI reporting and analysis, and customizing the content analytics miner with APIs. In addition, the book describes how to use the enterprise search capability for the discovery and retrieval of documents using various query and visual navigation techniques, and customization of crawling, parsing, indexing, and runtime search to improve search results. The target audience of this book is decision makers, business users, and IT architects and specialists who want to understand and analyze their enterprise content to improve and enhance their business operations. It is also intended as a technical how-to guide for use with the online IBM Knowledge Center for configuring and performing content analytics and enterprise search with Content Analytics.

**Workload Optimized Systems: Tuning POWER7 for Analytics IBM Redbooks** 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. IBM Cognos TM1 The Official

Guide McGraw Hill Professional Explains how to create and manage performance management solutions using IBM Cognos TM1, covering such topics as planning, forecasting, and scenario analytic solutions. IBM Cognos 10 Report Studio Practical Examples IBM Press 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 IBM Cognos Business Intelligence Packt Publishing Ltd 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 Reliability and Performance with IBM DB2 Analytics Accelerator V4.1 IBM Redbooks The IBM® DB2® Analytics Accelerator for IBM z/OS® is a high-performance appliance that integrates the IBM zEnterprise® infrastructure with IBM PureData™ for Analytics, powered by IBM Netezza® technology. With this integration, you can accelerate data-intensive and complex queries in a DB2 for z/OS highly secure and available environment. DB2 and the Analytics Accelerator appliance form a self-managing hybrid environment running online transaction processing and online transactional analytical processing concurrently and efficiently. These online transactions run together with business intelligence and online analytic processing workloads. DB2 Analytics Accelerator V4.1 expands the value of high-performance analytics. DB2 Analytics Accelerator V4.1 opens to static Structured Query Language (SQL) applications and row set processing, minimizes data movement, reduces latency, and improves availability. This IBM Redbooks® publication provides technical decision-makers with an understanding of the benefits of version 4.1 of the Analytics Accelerator with DB2 11 for z/OS. It describes the installation of the new functions, and the advantages to existing analytical processes as measured in our test environment. This book also introduces the DB2 Analytics Accelerator Loader V1.1, a tool that facilitates the data population of the DB2 Analytics Accelerator. IBM Cognos 10 Framework Manager Packt Publishing Ltd 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. IBM Cognos Dynamic Cubes 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. Systems of Insight for Digital Transformation: Using IBM Operational Decision Manager Advanced and Predictive Analytics IBM Redbooks Systems of record (SORs) are engines that generates value for your business. Systems of engagement (SOE) are always evolving and generating new customer-centric experiences and new opportunities to capitalize on the value in the systems of record. The highest value is gained when systems of record and systems of engagement are brought together to deliver insight. Systems of insight (SOI) monitor and analyze what is going on with various behaviors in the systems of engagement and information being stored or transacted in the systems of record. SOIs seek new opportunities, risks, and operational behavior that needs to be reported or have action taken to optimize business outcomes. Systems of insight are at the core of the Digital Experience, which tries to derive insights from the enormous amount of data generated by automated processes and customer interactions. Systems of Insight can also provide the ability to apply analytics and rules to real-time data as it flows within, throughout, and beyond the enterprise (applications, databases, mobile, social, Internet of Things) to gain the wanted insight. Deriving this insight is a key step toward being able to make the best decisions and take the most appropriate actions. Examples of such actions are to improve the number of satisfied clients, identify clients at risk of leaving and incentivize them to stay loyal, identify patterns of risk or fraudulent behavior and take action to minimize it as early as possible, and detect patterns of behavior in operational systems and transportation that lead to failures, delays, and maintenance and take early action to minimize risks and costs. IBM® Operational Decision Manager is a decision management platform that provides capabilities that support both event-driven insight patterns, and business-rule-driven scenarios. It also can easily be used in combination with other IBM Analytics solutions, as the

detailed examples will show. IBM Operational Decision Manager Advanced, along with complementary IBM software offerings that also provide capability for systems of insight, provides a way to deliver the greatest value to your customers and your business. IBM Operational Decision Manager Advanced brings together data from different sources to recognize meaningful trends and patterns. It empowers business users to define, manage, and automate repeatable operational decisions. As a result, organizations can create and shape customer-centric business moments. This IBM Redbooks® publication explains the key concepts of systems of insight and how to implement a system of insight solution with examples. It is intended for IT architects and professionals who are responsible for implementing a systems of insights solution requiring event-based context pattern detection and deterministic decision services to enhance other analytics solution components with IBM Operational Decision Manager Advanced. IBM Cognos TM1 The Official Guide McGraw Hill Professional 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 Business Process Management Design Guide: Using IBM Business Process Manager IBM Redbooks IBM® Business Process Manager (IBM BPM) is a comprehensive business process management (BPM) suite that provides visibility and management of your business processes. IBM BPM supports the whole BPM lifecycle approach: Discover and document Plan Implement Deploy Manage Optimize Process owners and business owners can use this solution to engage directly in the improvement of their business processes. IBM BPM excels in integrating role-based process design, and provides a social BPM experience. It enables asset sharing and creating versions through its Process Center. The Process Center acts as a unified repository, making it possible to manage changes to the business processes with confidence. IBM BPM supports a wide range of standards for process modeling and exchange. Built-in analytics and search capabilities help to further improve and optimize the business processes. This IBM Redbooks® publication provides valuable information for project teams and business people that are involved in projects using IBM BPM. It describes the important design decisions that you face as a team. These decisions invariably have an effect on the success of your project. These decisions range from the more business-centric decisions, such as which should be your first process, to the more technical decisions, such as solution analysis and architectural considerations. IBM Cognos Insight Packt Pub Limited 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. IBM IMS Solutions for Automating Database Management IBM Redbooks Over the last few years, IBM® IMSTM and IMS tools have been modernizing the interfaces to IMS and the IMS tools to bring them more in line with the current interface designs. As the mainframe software products are becoming more integrated with the Windows and mobile environments, a common approach to interfaces is becoming more relevant. The traditional 3270 interface with ISPF as the main interface is no longer the only way to do some of these processes. There is also a need to provide more of a common looking interface so the tools do not have a product-specific interface. This allows more cross product integration. Eclipse and web-based interfaces being used in a development environment, tooling using those environments provides productivity improvements in that the interfaces are common and familiar. IMS and IMS tools developers are making use of those environments to provide tooling that will perform some of the standard DBA functions. This book will take some selected processes and show how this new tooling can be used. This will provide some productivity improvements and also provide a more familiar environment for new generations DBAs. Some of the functions normally done by DBA or console operators can now be done in this eclipse-based environment by the application developers. This means that the need to request these services from others can be eliminated. This IBM Redbooks® publication examines specific IMS DBA processes and highlights the new IMS and IMS tools features, which show an alternative way to accomplish those processes. Each chapter highlights a different area of the DBA processes like: PSB creation Starting/stopping a database in an IMS system Recovering a database Cloning a set of databases The AI Ladder Accelerate Your Journey to AI "O'Reilly Media, Inc." AI may be the greatest opportunity of our time, with the potential to add nearly \$16 trillion to the global economy over the next decade. But so far, adoption has been much slower than anticipated, or so headlines may lead you to believe. With this practical guide, business leaders will discover where they are in their AI journey and learn the steps necessary to successfully scale AI throughout their organization. Authors Rob Thomas and Paul Zikopoulos from IBM introduce C-suite executives and business professionals to the AI Ladder—a unified, prescriptive approach to help them understand and accelerate the AI journey. Complete with real-world examples and real-life experiences, this book explores AI drivers, value, and opportunity, as well as the adoption challenges organizations face. Understand why you can't have AI without an information architecture (IA) Appreciate how AI is as much a cultural change as it is a technological one Collect data and make it simple and accessible, regardless of where it lives Organize data to create a business-ready analytics foundation Analyze data, and build and scale AI with trust and transparency Infuse AI throughout your entire business and create intelligent workflows Extending IBM Business Process Manager to the Mobile Enterprise with IBM Worklight IBM Redbooks In today's business in motion environments, workers expect to be connected to their critical business processes while on-the-go. It is imperative to deliver more meaningful user engagements by extending business processes to the mobile working environments. This IBM® Redbooks® publication

provides an overview of the market forces that push organizations to reinvent their process with Mobile in mind. It describes IBM Mobile Smarter Process and explains how the capabilities provided by the offering help organizations to mobile-enable their processes. This book outlines an approach that organizations can use to identify where within the organization mobile technologies can offer the greatest benefits. It provides a high-level overview of the IBM Business Process Manager and IBM Worklight® features that can be leveraged to mobile-enable processes and accelerate the adoption of mobile technologies, improving time-to-value. Key IBM Worklight and IBM Business Process Manager capabilities are showcased in the examples included in this book. The examples show how to integrate with IBM Bluemix™ as the platform to implement various supporting processes. This IBM Redbooks publication discusses architectural patterns for exposing business processes to mobile environments. It includes an overview of the IBM MobileFirst reference architecture and deployment considerations. Through use cases and usage scenarios, this book explains how to build and deliver a business process using IBM Business Process Manager and how to develop a mobile app that enables remote users to interact with the business process while on-the-go, using the IBM Worklight Platform. The target audience for this book consists of solution architects, developers, and technical consultants who will learn the following information: What is IBM Mobile Smarter Process Patterns and benefits of a mobile-enabled Smarter Process IBM BPM features to mobile-enable processes IBM Worklight features to mobile-enable processes Mobile architecture and deployment topology IBM BPM interaction patterns Enterprise mobile security with IBM Security Access Manager and IBM Worklight Implementing mobile apps to mobile-enabled business processes Strategic Adoption of Technological Innovations IGI Global 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. IBM Cognos TM1 Cookbook Packt Publishing Ltd 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. Exploiting IBM PowerVM Virtualization Features with IBM Cognos 8 Business Intelligence IBM Redbooks This IBM® Redbooks® publication addresses topics to leverage the virtualization strengths of the IBM Power platform to solve customer system resource utilization challenges and maximize system throughput and capacity. This IBM Redbooks publication will help you leverage the strengths of the POWER platform, provide implementation scenarios with Cognos® 8 Business Intelligence (BI) with the comprehensive set of the IBM PowerVMTM virtualization features, and identify and document best practices for exploiting the IBM PowerVM virtualization features within Cognos BI deployments to maximize utilization of system resources and maximize Cognos throughput and capacity. This book is targeted toward technical professionals (BI consultants, technical support staff, IT architects, and IT specialists) responsible for providing business intelligence solutions and support for Cognos BI on POWER® systems. Ibm Cognos Tm1 Developer's Certification Guide Packt Publishing Ltd 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! Dashboarding and Reporting with Power Pivot and Excel How to Design and Create a Financial Dashboard with PowerPivot - End to End Tickling Keys, Inc. Microsoft's revolutionary Power Pivot is a tool that allows users to create and transform data into reports and dashboards in new and much more powerful ways using the most-used analytical tool in the world: Excel. This book, written by a member of Microsoft's Power Pivot team, provides a practical step by step guide on creating a financial dashboard. The book covers in detail how to combine and shape the relevant data, build the dashboard in Excel, providing layout and design tips and tricks, prepare the model to work with fiscal dates, and show values used in many financial reports, including year-to-date, variance-to-target, percentage-of-total, and running totals reports. Accessibly written, this book offers readers a practical, real-world scenario and can be used as a day-to-day reference. Though the guide focuses on Power Pivot for Excel 2010, a chapter that discusses Power View—compatible with Excel 2013— and Power BI is also included. Building Big Data and Analytics Solutions in the Cloud IBM Redbooks Big data is currently one of the most critical emerging technologies. Organizations around the world are looking to exploit the explosive growth of data to unlock previously hidden insights in the hope of creating new revenue streams, gaining operational efficiencies, and obtaining greater understanding of customer needs. It is important to think of big data and analytics together. Big data is the term used to describe the recent explosion of different types of data from disparate sources. Analytics is about examining data to derive interesting and relevant trends and patterns, which can be used to inform decisions, optimize processes, and even drive new business models. With today's deluge of data comes the problems of processing that data, obtaining the correct skills to manage and analyze that data, and

establishing rules to govern the data's use and distribution. The big data technology stack is ever growing and sometimes confusing, even more so when we add the complexities of setting up big data environments with large up-front investments. Cloud computing seems to be a perfect vehicle for hosting big data workloads. However, working on big data in the cloud brings its own challenge of reconciling two contradictory design principles. Cloud computing is based on the concepts of consolidation and resource pooling, but big data systems (such as Hadoop) are built on the shared nothing principle, where each node is independent and self-sufficient. A solution architecture that can allow these mutually exclusive principles to coexist is required to truly exploit the elasticity and ease-of-use of cloud computing for big data environments. This IBM® Redpaper™ publication is aimed at chief architects, line-of-business executives, and CIOs to provide an understanding of the cloud-related challenges they face and give prescriptive guidance for how to realize the benefits of big data solutions quickly and cost-effectively. Keeping Up with the Quants Your Guide to Understanding and Using Analytics Harvard Business Press Why Everyone Needs Analytical Skills Welcome to the age of data. No matter your interests (sports, movies, politics), your industry (finance, marketing, technology, manufacturing), or the type of organization you work for (big company, nonprofit, small start-up)—your world is awash with data. As a successful manager today, you must be able to make sense of all this information. You need to be conversant with analytical terminology and methods and able to work with quantitative information. This book promises to become your “quantitative literacy” guide—helping you develop the analytical skills you need right now in order to summarize data, find the meaning in it, and extract its value. In Keeping Up with the Quants, authors, professors, and analytics experts Thomas Davenport and Jinho Kim offer practical tools to improve your understanding of data analytics and enhance your thinking and decision making. You’ll gain crucial skills, including: • How to formulate a hypothesis • How to gather and analyze relevant data • How to interpret and communicate analytical results • How to develop habits of quantitative thinking • How to deal effectively with the “quants” in your organization Big data and the analytics based on it promise to change virtually every industry and business function over the next decade. If you don’t have a business degree or if you aren’t comfortable with statistics and quantitative methods, this book is for you. Keeping Up with the Quants will give you the skills you need to master this new challenge—and gain a significant competitive edge. Creativity and Innovation in Business Creativity Innovation eBook IBM Cognos 8 Business Intelligence: The Official Guide McGraw Hill Professional 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 Optimizing DB2 Queries with IBM DB2 Analytics Accelerator for z/OS IBM Redbooks The IBM® DB2® Analytics Accelerator Version 2.1 for IBM z/OS® (also called DB2 Analytics Accelerator or Query Accelerator in this book and in DB2 for z/OS documentation) is a marriage of the IBM System z® Quality of Service and Netezza® technology to accelerate complex queries in a DB2 for z/OS highly secure and available environment. Superior performance and scalability with rapid appliance deployment provide an ideal solution for complex analysis. This IBM Redbooks® publication provides technical decision-makers with a broad understanding of the IBM DB2 Analytics Accelerator architecture and its exploitation by documenting the steps for the installation of this solution in an existing DB2 10 for z/OS environment. In this book we define a business analytics scenario, evaluate the potential benefits of the DB2 Analytics Accelerator appliance, describe the installation and integration steps with the DB2 environment, evaluate performance, and show the advantages to existing business intelligence processes. Apache Spark for the Enterprise: Setting the Business Free IBM Redbooks Analytics is increasingly an integral part of day-to-day operations at today's leading businesses, and transformation is also occurring through huge growth in mobile and digital channels. Enterprise organizations are attempting to leverage analytics in new ways and transition existing analytics capabilities to respond with more flexibility while making the most efficient use of highly valuable data science skills. The recent growth and adoption of Apache Spark as an analytics framework and platform is very timely and helps meet these challenging demands. The Apache Spark environment on IBM z/OS® and Linux on IBM z Systems™ platforms allows this analytics framework to run on the same enterprise platform as the originating sources of data and transactions that feed it. If most of the data that will be used for Apache Spark analytics, or the most sensitive or quickly changing data is originating on z/OS, then an Apache Spark z/OS based environment will be the optimal choice for performance, security, and governance. This IBM® Redpaper™ publication explores the enterprise analytics market, use of Apache Spark on IBM z Systems™ platforms, integration between Apache Spark and other enterprise data sources, and case studies and examples of what can be achieved with Apache Spark in enterprise environments. It is of interest to data scientists, data engineers, enterprise architects, or anybody looking to better understand how to combine an analytics framework and platform on enterprise systems. Business Intelligence and Human Resource Management Concept, Cases, and Practical Applications CRC Press Business Intelligence (BI) is a solution to modern business problems. This book discusses the relationship between BI and Human Resource Management (HRM). In addition, it discusses how BI can be used as a strategic decision-making tool for the sustainable growth of an organization or business. BI helps organizations

generate interactive reports with clear and reliable data for making numerous business decisions. This book covers topics spanning the important areas of BI in the context of HRM. It gives an overview of the aspects, tools, and techniques of BI and how it can assist HRM in creating a successful future for organizations. Some of the tools and techniques discussed in the book are analysis, data preparation, BI-testing, implementation, and optimization on GR and management disciplines. It will include a chapter on text mining as well as a section of case studies for practical use. This book will be useful for business professionals, including but not limited to, HR professionals, and budding business students.

**Business Intelligence Strategy A Practical Guide for Achieving BI Excellence** Mc PressLlc Gaining the competitive advantage Geared toward IT management and business executives seeking to excel in business intelligence initiatives, this practical guide explores creating business alignment strategies that help prioritize business requirements, build organizational and cultural strategies, increase IT efficiency, and promote user adoption. Business intelligence, together with business analytics and performance management, eliminates information overload by organizing the massive amounts of information available in the modern enterprise. Addressing the challenges of business intelligence operations, this resource supports the goal of better business decision making and identifying unrealized opportunities. Each chapter includes a checklist of recommended approaches and a strategy overview template.

**IBM Spectrum Family: IBM Spectrum Control Standard Edition** IBM Redbooks IBM® Spectrum Control (Spectrum Control), a member of the IBM Spectrum™ Family of products, is the next-generation data management solution for software-defined environments (SDEs). With support for block, file, object workloads, and software-defined storage and predictive analytics, and automated and advanced monitoring to identify proactively storage performance problems, Spectrum Control enables administrators to provide efficient management for heterogeneous storage environments. IBM Spectrum Control™ (formerly IBM Tivoli® Storage Productivity Center) delivers a complete set of functions to manage IBM Spectrum Virtualize™, IBM Spectrum Accelerate™, and IBM Spectrum Scale™ storage infrastructures, and traditional IBM and select third-party storage hardware systems. This IBM Redbooks® publication provides practical examples and use cases that can be deployed with IBM Spectrum Control Standard Edition, with an overview of IBM Spectrum Control Advanced Edition. This book complements the Spectrum Control IBM Knowledge Center, which is referenced for product details, and for installation and implementation details throughout this book. You can find this resource at the following website: [IBM Spectrum Control Knowledge Center](#) Also provided are descriptions and an architectural overview of the IBM Spectrum Family, highlighting Spectrum Control, as integrated into software-defined storage environments. This publication is intended for storage administrators, clients who are responsible for maintaining IT and business infrastructures, and anyone who wants to learn more about employing Spectrum Control and Spectrum Control Standard Edition.

**Global Virtual Enterprises in Cloud Computing Environments** IGI Global Modern businesses are on the lookout for ventures that boost their profits and marketability. Certain new and innovative technological advances can help enterprises accomplish their ambitious goals while providing detailed information to assess all aspects of the business. **Global Virtual Enterprises in Cloud Computing Environments** is a collection of innovative studies on business processes, procedures, methods, strategy, management thinking, and utilization of technology in cloud computing environments. While highlighting topics including international business strategy, virtual reality, and intellectual capital, this book is ideally designed for corporate executives, research scholars, and students pursuing courses in the areas of management and big data applications seeking current research on effective open innovation strategies in global business.

**Regain Control of your Environment with IBM Storage Insights** IBM Redbooks This IBM® Redpaper™ publication introduces you to the new, cloud-based IBM Spectrum Control™ Storage Insights (IBM Storage Insights, for short) offering, which is designed for small and medium businesses and organizations who need to quickly understand what is happening in their storage environment without implementing complex tools. IBM Storage Insights can be set up in less than 5 minutes and provides actionable insights about your storage in less than 30 minutes. IBM Storage Insights is an off-premise software as a service (SaaS) offering that is offered through the IBM Service Engage website. This simple, graphical tool has built-in reports to help you rapidly understand what is happening in your environment and provides recommendations about how you can maximize the benefits of your storage and improve your decision-making process. This publication is designed to help storage administrators learn about benefits, features, and key implementation scenarios. The retention period for daily performance data was updated in February 2017. IBM Marketplace links were added in March 2017.

**Handbook of Research on Strategic Performance Management and Measurement Using Data Envelopment Analysis** IGI Global Organizations can use the valuable tool of data envelopment analysis (DEA) to make informed decisions on developing successful strategies, setting specific goals, and identifying underperforming activities to improve the output or outcome of performance measurement. The Handbook of Research on Strategic Performance Management and Measurement Using Data Envelopment Analysis highlights the advantages of using DEA as a tool to improve business performance and identify sources of inefficiency in public and private organizations. These recently developed theories and applications of DEA will be useful for policymakers, managers, and practitioners in the areas of sustainable development of our society including environment, agriculture, finance, and higher education sectors.