

Obiee Student Guide

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The Business Analyst's Guide to Oracle Hyperion Interactive Reporting 11
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Web Scraping with Python
Regression Analysis for Categorical Moderators
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CEA Critic
Data Science For Dummies
Oracle E-Business Suite 12 Financials Cookbook
The Data Warehouse Toolkit
Endangered and Threatened Wildlife of New Jersey
Machine Learning for Decision Makers
Oracle Big Data Handbook

Implementing the Evidence-Based Practice (EBP) Competencies in Healthcare: A Practical Guide for Improving Quality, Safety, and Outcomes

Data for Learning

American higher education faces a challenging environment. Decreasing state appropriations, rising costs, and tightening budgets have left American colleges and universities scrambling to achieve their missions with ever more limited resources. Campus leaders have therefore increasingly relied upon institutional research and strategic planning departments to make transparent and rational decisions and to promote good stewardship of critical but finite resources. Institutional Research Initiatives in Higher Education illustrates the wealth of institutional research activities occurring in American higher education. Featuring chapters by a prominent mix of authors representing community colleges, traditional undergraduate institutions, land grant institutions, research and flagship universities, and state agencies, this book provides numerous insights into the contemporary challenges, innovative programs, and best practices in institutional research. With contributors from a variety of regions and types of institutions, each chapter provides rigorous analysis of campus-based research activities in areas such as strategic planning, admissions and enrollment management, assessment and compliance, and financial planning and budgeting. Like the departments it studies, Institutional Research Initiatives in Higher Education is an invaluable

resource for university administrators, researchers, and policymakers alike.

Architecting the Industrial Internet

From Compliance to Learning: A System for Harnessing the Power of Data in the State of Maryland builds on a 2015 World Bank report that assessed Education Management Information Systems (EMISs) in the state of Maryland. That report uncovered a successful system, and this one expands on lessons learned and ways to apply them in practice. The goal of this study is to distill Maryland's good practices in education data systems and share them in a way that is useful to education stakeholders interested in harnessing the power of data to strengthen learning outcomes. This study also examines the history of education data collection and use in the United States with a focus on Maryland, including a review of federal and state legislation that has helped to shape Maryland's education data policies and systems. In the digital age, information is power. When information is effectively harnessed and aligned with student learning, it carries the potential to radically transform the delivery of education, as well as the sector as a whole. Increasingly, education systems are moving away from using education data narrowly for compliance purposes; instead, they are embracing data as a tool to drive systemwide innovation, professionalization, and, most importantly, learning. Whether to prioritize and optimize data and information systems around student learning is no longer an option; it is imperative for education systems that aim to excel and achieve strong learning outcomes. Over the past several decades, fundamental shifts have occurred in the way that education data are collected, managed, and used. Today real-time learning data inform classroom instruction; predictive analytics identify at-risk youth before they drop out of school; and data from preschool to workforce are linked to help guide education reforms. These represent just a few of the innovative ways that schools and other stakeholders across the United States are harnessing data to improve education. The state's success in establishing an enabling environment for education data systems and data utilization has built a strong foundation. Maryland effectively aligned a complex, statewide data system to deliver value. Prioritization of integration and alignment was key. The state then launched a longitudinal data system center that would drive an adaptive education system with insights that track students from pre-kindergarten to entry in the workforce. Data across the state are high quality and follow strict rules to preserve privacy and enhance security. Maryland's utilization of data also offers valuable lessons. The statewide data system supports policy makers and decision makers in planning and management, as well as teachers, students, and families in instruction and learning. Consistent across Maryland's structuring and use of data systems were a strong vision and a road map to execute that vision. Maryland's journey offers many lessons, not only for countries with advanced data systems but also for those in less developed stages. While the technology and information exist to achieve data for learning, harnessing data within the right information system and ensuring utilization are challenging endeavors. An array of factors must align—leadership, policies, processes, and resources, to name a few—to effectively harness data to support and drive strong learning outcomes.

Oracle Business Intelligence Enterprise Edition 11g: A Hands-

On Tutorial

Best Practices for Oracle WebLogic Server 12c Configuration and Administration Maintain a high-performance enterprise application framework using the detailed information in this authoritative resource. Through expert instruction and real-world examples, Oracle WebLogic Server 12c Administration Handbook fully explains the latest management tools and techniques. Learn how to work from the Oracle WebLogic Server Administration Console or command line, configure servers and clusters, deploy applications, and optimize application performance. Tuning, troubleshooting, and load balancing are thoroughly covered in this Oracle Press guide. Install Oracle WebLogic Server 12c or perform an upgrade Manage domains, server instances, networks, and virtual hosts Work with the WebLogic Scripting Tool feature and Node Manager Build custom network channels and resource adapters Monitor performance with the WebLogic Diagnostics Framework feature Prioritize requests using Oracle WebLogic Server Work Managers Configure Oracle WebLogic clusters and migrate servers and services Deploy web applications, Enterprise JavaBeans, and Java EE modules Establish security realms and authenticate and authorize users Allocate memory, optimize throughput, and tune the Java Virtual Machine

Oracle Business Intelligence and Essbase Solutions Guide

Does the stability of personality vary by gender or ethnicity? Does a particular therapy work better to treat clients with one type of personality disorder than those with another? Providing a solution to thorny problems such as these, Aguinis shows readers how to better assess whether the relationship between two variables is moderated by group membership through the use of a statistical technique, moderated multiple regression (MMR). Clearly written, the book requires only basic knowledge of inferential statistics. It helps students, researchers, and practitioners determine whether a particular intervention is likely to yield dissimilar outcomes for members of various groups. Associated computer programs and data sets are available at the author's website (<http://mypage.iu.edu/haguinis/mmr>).

Predictive Analytics Using Oracle Data Miner

Implement Oracle Business Intelligence Applications Provide actionable business intelligence across the enterprise to enable informed decision-making and streamlined business processes. Oracle Business Intelligence Applications: Deliver Value Through Rapid Implementations shows how to justify, configure, customize, and extend this complete package of BI solutions. You'll get a technical walkthrough of Oracle Business Intelligence Applications architecture--from the dashboard to the data source--followed by best practices for maximizing the powerful features of each application. You will also find out about stakeholders critical to project approval and success. Optimize performance using Oracle Exalytics In-Memory Machine Deliver timely financial information to managers with Oracle Financial Analytics Enable a streamlined, demand-driven supply chain via Oracle Supply Chain and Order Management Analytics Provide end-to-end visibility into manufacturing operations with Oracle Manufacturing Analytics Optimize

supply-side performance through Oracle Procurement and Spend Analytics Use Oracle Human Resources Analytics to provide key workforce information to managers and HR professionals Track the costs and labor required to maintain and operate assets with Oracle Enterprise Asset Management Analytics Maintain visibility into project performance via Oracle Project Analytics Provide actionable insight into sales opportunities using Oracle Sales Analytics Enable superior customer service with Oracle Service Analytics

New Contributions in Information Systems and Technologies

Quickly master the extremely robust and powerful Oracle Hyperion Interactive Reporting 11 tool with this book and eBook.

Oracle to DB2 Conversion Guide: Compatibility Made Easy

The completely-updated preparation guide for the new OCP Oracle Certified Professional Java SE 11 Programmer II exam—covers Exam 1Z0-816 Java, a platform-independent, object-oriented programming language, is used primarily in mobile and desktop application development. It is a popular language for client-side cloud applications and the principal language used to develop Android applications. Oracle has recently updated its Java Programmer certification tracks for Oracle Certified Professional. OCP Oracle Certified Professional Java SE 11 Programmer II Study Guide ensures that you are fully prepared for this difficult certification exam. Covering 100% of exam objectives, this in-depth study guide provides comprehensive coverage of the functional-programming knowledge necessary to succeed. Every exam topic is thoroughly and completely covered including exceptions and assertions, class design, generics and collections, threads, concurrency, IO and NIO, and more. Access to Sybex's superior online interactive learning environment and test bank—including self-assessment tests, chapter tests, bonus practice exam questions, electronic flashcards, and a searchable glossary of important terms—provides everything you need to be fully prepared on exam day. This must-have guide: Covers all exam objectives such as inheriting abstract classes and interfaces, advanced strings and localization, JDBC, and Object-Oriented design principles and patterns Explains complex material and reinforces your comprehension and retention of important topics Helps you master more advanced areas of functional programming Demonstrates practical methods for building Java solutions OCP Oracle Certified Professional Java SE 11 Programmer II Study Guide will prove invaluable for anyone seeking achievement of this challenging exam, as well as junior- to senior-level programmers who uses Java as their primary programming language.

Oracle Business Intelligence 11g Developers Guide

Learn to build single page web apps using Angular 5 and TypeScript by working through 70+ mini-projects. With hundreds of code examples you gain a thorough understanding of the Angular 5 ecosystem and how to work within it. You'll begin by understanding the benefits of Angular 5 vs older versions, and how this benefits your applications. You'll then move onto mini-projects that teach you JavaScript, TypeScript, how to use editors, Node, CLI, components, modules, directives,

Webpack, dependency injection, widgets, routes and navigation, observers, reactive programming, and RxJS. Complete with a consistently-updated online code repository, this book is a great way to get started with Angular 5. What You'll Learn Develop single page web applications using Angular 5 Understand the web development ecosystem Use Node, JavaScript and TypeScript Who This Book Is For New or experienced developers who wish to develop single page web applications in Angular and the TypeScript language.

Oracle BI 11g

This book highlights the practical aspects of using Oracle Essbase and Oracle Business Intelligence Enterprise Edition (OBIEE) as a comprehensive BI solution. It explains the key steps involved in Oracle Essbase and OBIEE implementations. Using case studies, the book covers Oracle Essbase for analytical BI and data integration, using OBIEE for operational BI including presentation services and BI Publisher for real-time reporting services, Self-service BI- in terms of VLDB, scalability, high performance, stability, long-lasting and ease of use that saves time, effort, and costs, while maximizing ROI.

Data Visualization for Oracle Business Intelligence 11g

A book for staff nurses about evidence-based practice--one of the most important movements in health care in the 21st Century. The 90 stories are written by staff nurses in health-care facilities across the country. Contains true stories of how nurses are using EBP to improve care for their patients. The stories were compiled by two of the leading nurse experts in EBP: Bernadette Mazurek Melnyk and Ellen Fineout-Overholt. A useful supplement to EBP textbooks. A perfect gift book for new or seasoned nurses.

Oracle WebLogic Server 12c Administration Handbook

One of the BBC's '100 Novels That Shaped Our World' A worldwide bestseller and the first part of Achebe's African Trilogy, Things Fall Apart is the compelling story of one man's battle to protect his community against the forces of change Okonkwo is the greatest wrestler and warrior alive, and his fame spreads throughout West Africa like a bush-fire in the harmattan. But when he accidentally kills a clansman, things begin to fall apart. Then Okonkwo returns from exile to find missionaries and colonial governors have arrived in the village. With his world thrown radically off-balance he can only hurtle towards tragedy. First published in 1958, Chinua Achebe's stark, coolly ironic novel reshaped both African and world literature, and has sold over ten million copies in forty-five languages. This arresting parable of a proud but powerless man witnessing the ruin of his people begins Achebe's landmark trilogy of works chronicling the fate of one African community, continued in Arrow of God and No Longer at Ease. 'His courage and generosity are made manifest in the work' Toni Morrison 'The writer in whose company the prison walls fell down' Nelson Mandela 'A great book, that bespeaks a great, brave, kind, human spirit' John Updike With an Introduction by Biyi Bandele

The Closest I've Come

Angular 5 Projects

This book is written in simple, easy to understand format with lots of screenshots and step-by-step explanations. If you are a Project manager or a consultant, who wants to master the core concepts of Primavera P6 and the new features associated with version 8, then this is the best guide for you. This book assumes that you have a fundamental knowledge of working in the Primavera P6 environment.

Beginning Oracle SQL for Oracle Database 18c

Hospitals and healthcare systems around the world have attempted to build and sustain evidence-based practice (EBP) cultures and environments, yet they have struggled to clearly understand what EBP competency means. Implementing the Evidence-Based Practice (EBP) Competencies in Healthcare clears up that confusion and serves as a guide for clinicians, leaders, faculty, EBP mentors, and students in achieving EBP competency, facilitating evidence-based decision making in daily practice, and accelerating the speed at which research knowledge is translated into real-world settings to improve health outcomes and decrease healthcare costs. Authors Bernadette Mazurek Melnyk, Lynn Gallagher-Ford, and Ellen Fineout-Overholt provide step-by-step explanations and case scenarios that illustrate realistic advice and ready-to-use resources to help organizations integrate EBP broadly and deeply across their infrastructure to improve patient care quality and safety.

Implementing Evidence-based Practice for Nurses

Providing simple solutions, useful techniques and best practices to ensure that your business is intelligent as it can possibly be, this book is a must buy for anyone that works with Oracle BI. If you are a business analyst, BI administrator or developer working with Oracle Business Intelligence 11g R1 then this book is exactly what you have been looking for. Hands on practical examples, real world solutions and best practices make this book an essential guide for Oracle BI. Clear a space on your desk as you won't want this handy reference to be too far away.

Practical Oracle E-Business Suite

Start developing with Oracle SQL. This book is a one-stop introduction to everything you need to know about getting started developing an Oracle Database. You'll learn about foundational concepts, setting up a simple schema, adding data, reading data from the database, and making changes. No experience with databases is required to get started. Examples in the book are built around Oracle Live SQL, a freely available, online sandbox for practicing and experimenting with SQL statements, and Oracle Express Edition, a free version of Oracle Database that is available for download. A marquee feature of Beginning Oracle SQL for Oracle Database 18c is the small chapter size. Content is divided into easily digestible chunks that can be read and practiced in very short intervals of time, making this the ideal book for a busy professional to learn from. Even just a 15-20 minute block

of free time can be put to good use. Author Ben Brumm begins by helping you understand what a database is, and getting you set up with a sandbox in which to practice the SQL that you are learning. From there, easily digestible chapters cover, point-by-point, the different aspects of writing queries to get data out of a database. You'll also learn about creating tables and getting data into the database. Crucial topics such as working with nulls and writing analytic queries are given the attention they deserve, helping you to avoid pitfalls when writing queries for production use. What You'll Learn Create, update, and delete tables in an Oracle database Add, update, delete data from those database tables Query and view data stored in your database Manipulate and transform data using in-built database functions and features Correctly choose when to use Oracle-specific syntax and features Who This Book Is For Those new to Oracle who are planning to develop software using Oracle as the back-end data store. The book is also for those who are getting started in software development and realize they need to learn some kind of database language. Those who are learning software development on the side of their normal job, or learning it as a college student, who are ready to learn what a database is and how to use it also will find this book useful.

The Patriot's Guide to Success

The only Oracle Press guide to creating effective visual presentations of business intelligence data quickly and easily Data Visualization for Oracle Business Intelligence 11g reveals the best practices for creating graphs, tables, maps, and other methodologies for presenting data-driven insights using one of the most common business intelligence front-end systems in the world, Oracle Business Intelligence 11g. This information-rich guide offers clear instructions for building top-quality dashboards, analyses, and visualizations from real-world implementers and respected data visualization experts. You'll learn everything from improving the readability of your tables to implementing the latest Advanced Trellis Chart features and from adding native map views of BI data to designing optimal dashboard layout strategies. You'll see how to produce accurate, compelling, and professional graphics that will immediately enhance corporate decision making. Shows proven steps for extracting maximum impact from native features that are little known to the majority of BI users Covers dashboard strategy, including layout, design, navigation, master detail linking, action links, and prompts Addresses how to extend Oracle Business Intelligence 11g with advanced languages and visualization systems such as JavaScript-based D3 and JQuery, R, and Oracle Application Development Framework Includes an associated web gallery showcasing the colors and graphics that render best digitally

Oracle Primavera P6 Version 8

Uncovering Texas Politics in the 21st Century

"Endangered and Threatened Wildlife of New Jersey" is a richly illustrated color guide to the state's 73 most imperiled species, from bobcats to bobolinks, shortnosed sturgeons to loggerhead turtles, frosted elfins to triangle floaters, blue

whales to American burying beetles.

Things Fall Apart

Learn the ins and outs of the Industrial Internet of Things through subjects ranging from its history and evolution, right up to what the future holds. About This Book Define solutions that can connect existing systems and newer cloud-based solutions to thousands of thousands of edge devices and industrial machines Identify, define, and justify Industrial Internet of Things (IIoT) projects, and design an application that can connect to and control thousands of machines Leverage the power and features of a platform to monitor, perform analytics, and maintain the Industrial Internet Who This Book Is For Architects who are interested in learning how to define solutions for the Industrial Internet will benefit immensely from this book. Relevant architect roles include enterprise architects, business architects, information architects, cloud solution architects, software architects, and others. The content is also relevant for technically inclined line of business leaders investing in these solutions. What You Will Learn Learn the history of the Industrial Internet and why an architectural approach is needed Define solutions that can connect to and control thousands of edge devices and machines Understand the significance of working with line of business leadership and key metrics to be gathered Connect business requirements to the functional architecture Gain the right expectation as to the capabilities of Industrial Internet applications and how to assess them Understand what data and analytics components should be included in your architecture solution Understand deployment trade-offs, management and security considerations, and the impact of emerging technologies In Detail The Industrial Internet or the IIoT has gained a lot of traction. Many leading companies are driving this revolution by connecting smart edge devices to cloud-based analysis platforms and solving their business challenges in new ways. To ensure a smooth integration of such machines and devices, sound architecture strategies based on accepted principles, best practices, and lessons learned must be applied. This book begins by providing a bird's eye view of what the IIoT is and how the industrial revolution has evolved into embracing this technology. It then describes architectural approaches for success, gathering business requirements, and mapping requirements into functional solutions. In a later chapter, many other potential use cases are introduced including those in manufacturing and specific examples in predictive maintenance, asset tracking and handling, and environmental impact and abatement. The book concludes by exploring evolving technologies that will impact IIoT architecture in the future and discusses possible societal implications of the Industrial Internet and perceptions regarding these projects. By the end of this book, you will be better equipped to embrace the benefits of the burgeoning IIoT. Style and approach This book takes a comprehensive approach to the Industrial Internet, thoroughly acquainting the reader with the concepts and philosophy of the IIoT. It provides a basis for defining an IIoT solution in a thoughtful manner and creating what will be viewed as a successful project.

OCP Oracle Certified Professional Java SE 11 Programmer II Study Guide

This IBM® Redbooks® publication describes IBM DB2® SQL compatibility features. The latest version of DB2 includes extensive native support for the PL/SQL procedural language, new data types, scalar functions, improved concurrency, built-in packages, OCI, SQLPlus, and more. These features can help with developing applications that run on both DB2 and Oracle and can help simplify the process of moving from Oracle to DB2. In addition, IBM now provides tools to simplify the enablement process, such as the highly scalable IBM Data Movement Tool for moving schema and data into DB2, and an Editor and Profiler for PL/SQL provided by the IBM Data Studio tool suite. This Oracle to DB2 migration guide describes new technology, preferred practices for moving to DB2, and common scenarios that can help you as you move from Oracle to DB2. This book is intended for IT architects and developers who are converting from Oracle to DB2. DB2 compatibility with Oracle is provided through native support. The new capabilities in DB2 that provide compatibility are implemented at the lowest and most intimate levels of the database kernel, as though they were originally engineered for DB2. This means that the DB2 implementation is done without the aid of an emulation layer. This intimacy leads to the scalable implementation that DB2 offers, providing identical performance between DB2 compatibility features and DB2 other language elements. For example, DB2 runs SQL PL at the same performance as PL/SQL implementations of the same function.

From Compliance to Learning

Build Next-Generation In-Database Predictive Analytics Applications with Oracle Data Miner “If you have an Oracle Database and want to leverage that data to discover new insights, make predictions, and generate actionable insights, this book is a must read for you! In Predictive Analytics Using Oracle Data Miner: Develop & Use Oracle Data Mining Models in Oracle Data Miner, SQL & PL/SQL, Brendan Tierney, Oracle ACE Director and data mining expert, guides you through the basic concepts of data mining and offers step-by-step instructions for solving data-driven problems using SQL Developer’s Oracle Data Mining extension. Brendan takes it full circle by showing you how to deploy advanced analytical methodologies and predictive models immediately into enterprise-wide production environments using the in-database SQL and PL/SQL functionality. Definitely a must read for any Oracle data professional!” --Charlie Berger, Senior Director Product Management, Oracle Data Mining and Advanced Analytics Perform in-database data mining to unlock hidden insights in data. Written by an Oracle ACE Director, Predictive Analytics Using Oracle Data Miner shows you how to use this powerful tool to create and deploy advanced data mining models. Covering topics for the data scientist, Oracle developer, and Oracle database administrator, this Oracle Press guide shows you how to get started with Oracle Data Miner and build Oracle Data Miner models using SQL and PL/SQL packages. You'll get best practices for integrating your Oracle Data Miner models into applications to automate the discovery and distribution of business intelligence predictions throughout the enterprise. Install and configure Oracle Data Miner for Oracle Database 11g Release 11.2 and Oracle Database 12c Create Oracle Data Miner projects and workflows Prepare data for data mining Develop data mining models using association rule analysis, classification, clustering, regression, and anomaly detection Use data dictionary views and prepare your data using in-database transformations Build and use data mining models using SQL and PL/SQL packages

Migrate your Oracle Data Miner models, integrate them into dashboards and applications, and run them in parallel Build transient data mining models with the Predictive Queries feature in Oracle Database 12c

The Business Analyst's Guide to Oracle Hyperion Interactive Reporting 11

Learn to build and implement a robust Oracle E-Business Suite system using the new release, EBS 12.2. This hands-on, real-world guide explains the rationale for using an Oracle E-Business Suite environment in a business enterprise and covers the major technology stack changes from EBS version 11i through R12.2. You will learn to build up an EBS environment from a simple single-node installation to a complex multi-node high available setup. Practical Oracle E-Business Suite focuses on release R12.2, but key areas in R12.1 are also covered wherever necessary. Detailed instructions are provided for the installation of EBS R12.2 in single and multi-node configurations, the logic and methodology used in EBS patching, and cloning of EBS single-node and complex multi-node environments configured with RAC. This book also provides information on FMW used in EBS 12.2, as well as performance tuning and EBS 12.2 on engineered system implementations. What You Will Learn:
• Understand Oracle EBS software and the underlying technology stack components
• Install/configure Oracle E-Business Suite R12.2 in simple and HA complex setups
• Manage Oracle EBS 12.2
• Use online patching (adop) for Installation of Oracle EBS patches
• Clone an EBS environment in simple and complex configurations
• Perform and tune Oracle EBS in all layers (Application/DB/OS/NW)
• Secure E-Business Suite R12.2
Who This Book Is For: Developers, data architects, and data scientists looking to integrate the most successful big data open stack architecture and how to choose the correct technology in every layer

Oracle Exadata Expert's Handbook

Understanding Community Colleges provides a comprehensive review of the community college landscape—management and governance, finance, student demographics and development, teaching and learning, policy, faculty, and workforce development—and bridges the gap between research and practice. This contributed volume brings together highly respected scholars in the field who rely upon substantial theoretical perspectives—critical theory, social theory, institutional theory, and organizational theory—for a rich and expansive analysis of community colleges. The latest text to publish in the Core Concepts in Higher Education series, this exciting new text fills a gap in the higher education literature available for students enrolled in Higher Education and Community College graduate programs. This text provides students with: A review of salient research related to the community college field. Critical theoretical perspectives underlying current policies. An understanding of how theory links to practice, including focused end-of-chapter discussion questions. A fresh examination of emerging issues and insight into contemporary community college practices and policy.

Oracle Business Intelligence Applications

Take the hard work out of your daily interactions with Oracle E-Business Suite 12 Financials with this book and eBook.

Oracle Business Intelligence 11g R1 Cookbook

The Practical, Authoritative, 360-Degree Technical Guide to Oracle Exadata: From Setup to Administration, Optimization, Tuning, and Troubleshooting The blazingly fast Oracle Exadata Database Machine is being embraced by thousands of large-scale users worldwide: by governments, the military, enterprise organizations, cloud service providers, and anyone who needs extreme performance. Now, Oracle Exadata Expert's Handbook provides authoritative guidance to running Oracle Exadata with maximum reliability, effectiveness, performance, and efficiency. Six renowned Oracle technology experts have brought together core technical information, experience, best practices, and insider tips in a concise reference. Covering both 11g and 12c versions of Oracle Exadata software, they deliver hands-on coverage of best practices, setup, migration, monitoring, administration, performance tuning, and troubleshooting. Whether you're an Oracle Exadata DBA, DMA, architect, or manager, you need these insights. Get a 360-degree overview of the Oracle Exadata Database Machine Efficiently deploy RAC within the Oracle Exadata ecosystem Fully leverage Storage Cell's extraordinary performance, via Offloading, Smart Scans, and Hybrid Columnar Compression Manage Exadata with OEM 12c: perform setup, configuration, asset/target discovery, and day-to-day administration Tune Oracle Exadata for even better performance Perform Exadata Backup/Recovery/DR with RMAN and Data Guard Migrate to Oracle Exadata from other platforms Use Oracle Exadata with the ZFS Storage Appliance Consolidate within the Exadata Database Cloud

Learning SQL

Take a deep dive into the concepts of machine learning as they apply to contemporary business and management. You will learn how machine learning techniques are used to solve fundamental and complex problems in society and industry. Machine Learning for Decision Makers serves as an excellent resource for establishing the relationship of machine learning with IoT, big data, and cognitive and cloud computing to give you an overview of how these modern areas of computing relate to each other. This book introduces a collection of the most important concepts of machine learning and sets them in context with other vital technologies that decision makers need to know about. These concepts span the process from envisioning the problem to applying machine-learning techniques to your particular situation. This discussion also provides an insight to help deploy the results to improve decision-making. The book uses case studies and jargon busting to help you grasp the theory of machine learning quickly. You'll soon gain the big picture of machine learning and how it fits with other cutting-edge IT services. This knowledge will give you confidence in your decisions for the future of your business. What You Will Learn Discover the machine learning, big data, and cloud and cognitive computing technology stack Gain insights into machine learning concepts and practices Understand business and enterprise decision-making using machine learning Absorb machine-learning best practices Who This Book Is For Managers tasked with making key decisions who want to learn how and when machine learning and related technologies can help them.

Understanding Community Colleges

This book contains a selection of articles from The 2015 World Conference on Information Systems and Technologies (WorldCIST'15), held between the 1st and 3rd of April in Funchal, Madeira, Portugal, a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Human-Computer Interaction; Health Informatics; Information Technologies in Education; Information Technologies in Radio communications.

Institutional Research Initiatives in Higher Education

Master Oracle Business Intelligence 11g Reports and Dashboards Deliver meaningful business information to users anytime, anywhere, on any device, using Oracle Business Intelligence 11g. Written by Oracle ACE Director Mark Rittman, Oracle Business Intelligence 11g Developers Guide fully covers the latest BI report design and distribution techniques. Find out how to execute effective queries, build accurate models, use scorecards and KPIs, create dynamic reports, set up dashboards, and publish to smartphones and wireless devices. This Oracle Press guide contains comprehensive details on Oracle Exalytics In-Memory Machine, the best-in-class, preintegrated BI platform. Install or upgrade to Oracle Business Intelligence 11g Develop and manage custom Oracle Business Intelligence repositories Access relational, file, and multidimensional data sources Design print-quality reports with Oracle Business Intelligence Publisher Create web-enabled analyses, dashboards, and visualizations Integrate with other applications using Oracle Business Intelligence 11g Action Framework Employ authentication, authorization, and row-level security Configure and deploy Oracle Exalytics In-Memory Machine

Web Scraping with Python

Regression Analysis for Categorical Moderators

A comprehensive guide from Oracle experts, that will act as your single point of reference for building an Oracle BI 12c system that turns data in actionable insight. About This Book Come, start your first Oracle Business intelligence system and excel in BI with this exhaustive guide An all-encompassing guide for your Oracle business intelligence needs Learn from the self-paced professional guidance and implement Oracle business intelligence using this easy-to-follow guide by our experts Who This Book Is For If your job includes working on data, improving the financial or operational performance of your organization or you are a consultant for the above, then this book is for you. If you have been placed on a business intelligence project, then this book is for you. If you are the Project Manager,

Business Analyst or Data Scientist then this book is for you. If you are an end user of Oracle Business Intelligence, then this book is for you too. Having a basic understanding of databases and the use of Business Intelligence is expected, but no knowledge of Oracle BI is required. What You Will Learn Install OBIEE in Windows, including how to create the underlying Weblogic Application server and the required database Build the BI system repository, the vital engine connecting your data to the front end of Oracle BI Develop effective analysis, draw out meaning from the data, and present it to end users on interactive dashboards Build pixel-perfect, printable reports using the embedded BI Publisher feature Build agents for actionable insight and enable your users to act on Business Intelligence at their desktop or on the move Understand the various aspects of securing the Oracle BI system, from data restrictions to whole dashboard access rights Get acquainted with the system management tools and methods available for the continuous improvement of your system In Detail Oracle Business Intelligence Enterprise Edition (OBIEE) 12c is packed full of features and has a fresh approach to information presentation, system management, and security. OBIEE can help any organization to understand its data, to make useful information from data, and to ensure decision-making is supported by facts. OBIEE can focus on information that needs action, alerting users when conditions are met. OBIEE can be used for data analysis, form production, dashboarding, and workflow processes. We will introduce you to OBIEE features and provide a step-by-step guide to build a complete system from scratch. With this guide, you will be equipped with a good basic understanding of what the product contains, how to install and configure it, and how to create effective Business Intelligence. This book contains the necessary information for a beginner to create a high-performance OBIEE 12c system. This book is also a guide that explains how to use an existing OBIEE 12c system, and shows end users how to create. Style and approach This book will take you from one feature to another in a step-by-step manner and will teach how you can create effective business intelligence using Oracle Business Intelligence Enterprise Edition. You will be taught how to create BI solutions and dashboards from scratch. There will be multiple modules in the book, each module spread in chapters, that will cover one aspect of business intelligence in a systematic manner.

Oracle Business Intelligence Enterprise Edition 12c

Learn web scraping and crawling techniques to access unlimited data from any web source in any format. With this practical guide, you'll learn how to use Python scripts and web APIs to gather and process data from thousands—or even millions—of web pages at once. Ideal for programmers, security professionals, and web administrators familiar with Python, this book not only teaches basic web scraping mechanics, but also delves into more advanced topics, such as analyzing raw data or using scrapers for frontend website testing. Code samples are available to help you understand the concepts in practice. Learn how to parse complicated HTML pages Traverse multiple pages and sites Get a general overview of APIs and how they work Learn several methods for storing the data you scrape Download, read, and extract data from documents Use tools and techniques to clean badly formatted data Read and write natural languages Crawl through forms and logins Understand how to scrape JavaScript Learn image processing and text recognition

CEA Critic

Leverage the latest Fusion Middleware Business Intelligence offering with this action-packed implementation guide

Data Science For Dummies

"Cowritten by members of Oracle's big data team, [this book] provides complete coverage of Oracle's comprehensive, integrated set of products for acquiring, organizing, analyzing, and leveraging unstructured data. The book discusses the strategies and technologies essential for a successful big data implementation, including Apache Hadoop, Oracle Big Data Appliance, Oracle Big Data Connectors, Oracle NoSQL Database, Oracle Endeca, Oracle Advanced Analytics, and Oracle's open source R offerings"--Page 4 of cover.

Oracle E-Business Suite 12 Financials Cookbook

This textbook offers an exhaustive, step-by-step guide through the powerful features of the Oracle Business Intelligence (BI) product suite. One will learn the concepts, methods and techniques for building sophisticated data analytic modules. Analytic results are then organized into interactive dashboards. A solid foundation is laid for one to progress onto the latest and most advanced data analytic capabilities. The following specific topics are included in this guide book: Background discussion of data warehousing, business intelligence (BI) and data analytics presented in a form that business professionals can readily understand; Background concepts regarding logical data models, star schema and snowflake schema warehouse models; How to build analytical models using fact tables, dimensions, dimension hierarchies, cubes, measures and other multidimensional data model objects; Use interactive Dashboards to analyze data, uncover trends and make strategic business decisions; Export BI results to productivity software such as Microsoft Office or other external systems; Design customized Dashboards to reflect an individual's role, perspective or business interest; Creating data analyses and dynamically interact with results produced from Oracle BI; Format analyses using sorts, filters and prompts; Format column output, subtotaling, customization of column properties and transforming column data using formulas; Create results with compound layouts, including views such as tabular, chart, pivot table, gauge and others; Manage content, permissions and access within the Presentation Catalog. This textbook includes dozens of learning exercises, with detailed point-and-click solutions also provided.

The Data Warehouse Toolkit

Read the book Morris Award finalist Sonia Patel called "a brilliant, subtle debut," and Kirkus Reviews hailed as "heart-wrenching, funny, hopeful, and not-to-be-missed" in a starred review! The Closest I've Come is a must-read from talented first-time author Fred Aceves, in the tradition of Walter Dean Myers. Marcos Rivas yearns for love, a working cell phone, and maybe a pair of sneakers that aren't falling apart. But more than anything, Marcos wants to get out of Maesta, his hood, away from his indifferent mom and her abusive boyfriend—which seems

impossible. When Marcos is placed in a new after-school program, he meets Zach and Amy, whose friendship inspires Marcos to open up to his Maesta crew, too, and starts to think more about his future and what he has to fight for. Marcos ultimately learns that bravery isn't about acting tough and being macho; it's about being true to yourself. *The Closest I've Come* is a story about traversing real and imagined boundaries, about discovering new things in the world, and about discovering yourself, too.

Endangered and Threatened Wildlife of New Jersey

Data are a crucial ingredient in any successful education system, but building and sustaining a data system are challenging tasks. Many countries around the world have spent significant resources but still struggle to accomplish a functioning Education Management Information System (EMIS). On the other hand, countries that have created successful systems are harnessing the power of data to improve education outcomes. Increasingly, EMISs are moving away from using data narrowly for counting students and schools. Instead, they use data to drive system-wide innovations, accountability, professionalization, and, most important, quality and learning. This broader use of data also benefits classroom instruction and support at schools. An effective data system ensures that education cycles, from preschool to tertiary, are aligned and that the education system is monitored so it can achieve its ultimate goal—producing graduates able to successfully transition into the labor market and contribute to the overall national economy. *Data for Learning: Building a Smart Education Data System* and its forthcoming companion volume shed light on challenges in building a data system and provide actionable direction on how to navigate the complex issues associated with education data for better learning outcomes and beyond. *Data for Learning* details the key ingredients of successful data systems, including tangible examples, common pitfalls, and good practices. It is a resource for policy makers working to craft the vision and strategic road map of an EMIS, as well as a handbook to assist teams and decision makers in avoiding common mistakes. It is designed to provide the “how-to?” and to guide countries at various stages of EMIS deployment. A forthcoming companion volume will focus on digging deeper into the practical applications of education data systems by various user groups in different settings.

Machine Learning for Decision Makers

Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, *Learning SQL, Second Edition*, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is

a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

Oracle Big Data Handbook

Discover how data science can help you gain in-depth insight into your business - the easy way! Jobs in data science abound, but few people have the data science skills needed to fill these increasingly important roles. Data Science For Dummies is the perfect starting point for IT professionals and students who want a quick primer on all areas of the expansive data science space. With a focus on business cases, the book explores topics in big data, data science, and data engineering, and how these three areas are combined to produce tremendous value. If you want to pick-up the skills you need to begin a new career or initiate a new project, reading this book will help you understand what technologies, programming languages, and mathematical methods on which to focus. While this book serves as a wildly fantastic guide through the broad, sometimes intimidating field of big data and data science, it is not an instruction manual for hands-on implementation. Here's what to expect: Provides a background in big data and data engineering before moving on to data science and how it's applied to generate value Includes coverage of big data frameworks like Hadoop, MapReduce, Spark, MPP platforms, and NoSQL Explains machine learning and many of its algorithms as well as artificial intelligence and the evolution of the Internet of Things Details data visualization techniques that can be used to showcase, summarize, and communicate the data insights you generate It's a big, big data world out there—let Data Science For Dummies help you harness its power and gain a competitive edge for your organization.

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