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SAP BusinessObjects Dashboards 4.0 Cookbook Over 90 Simple and Incredibly Effective Recipes for Transforming Your Business Data Into Exciting Dashboards with SAP BusinessObjects Dashboards 4.0 Xcelsius Packt Publishing Ltd Over 90 simple and incredibly effective recipes for transforming your business data into exciting dashboards with SAP BusinessObjects Dashboards 4.0 Xcelsius with this book and eBook. **Crystal Reports XI Official Guide** Sams Publishing The authorized guide to the latest edition of the #1 business intelligence software product - Crystal Reports. More than 16 million licenses of Crystal Reports have been shipped to date. This book is a reference designed to provide hands-on guidance for the latest release of the product suite. The latest version of Crystal Reports and the Business Objects enterprise reporting suite delivers vast product enhancements and a tighter integration that will drive upgrades from licensees. Brand new features (e.g. Dynamic and Cascading Parameter Generation) will also appeal to new audiences. Over 1 million new Business Intelligence licensees will be migrating to the Crystal Enterprise Reporting platform, as this is the first release of the software with the existing Business Objects (BO) products being integrated into the Crystal infrastructure. As Business Objects insiders, the authors bring unique and valuable real-world perspectives on implementations and uses of the Crystal Reports product. The book also includes content, tutorials and samples for reporting within the Microsoft Visual Studio.NET and J2EE development environments and also on top of the SAP Business Information Warehouse (BW) and the Peoplesoft platform. Advanced content on report distribution and integration into the secured managed reporting solution known as Business Objects Enterprise XI, is also now included in this definitive user guide with coverage on the new Web Services SDK. **SAP BusinessObjects Dashboards 4.1 Cookbook** Packt Publishing Ltd If you are a developer with a good command and knowledge of creating dashboards, but are not yet an advanced user of SAP BusinessObjects Dashboards, then this is the perfect book for you. Prerequisites include a good working knowledge of Microsoft Excel as well as knowledge of basic dashboard practices. **SAP BusinessObjects Web Intelligence The Comprehensive Guide** SAP PRESS Bring your data presentations into focus with this comprehensive guide to SAP BusinessObjects Web Intelligence. Updated for Webi 4.2, this book will teach you to create, design, and share your reports, while exploring the fundamentals of Webi and its extended capabilities. This fourth edition includes information on data source options for building new documents and queries, and a new HTML5-based viewing interface. Punch up your reporting and analysis! a. SAP BI 4.2 SP4 Dive into Web Intelligence 4.2 enhancements and platform improvements, including a new HTML5 user interface, support for geomaps, and access to additional data sources b. Webi from A to Z Get the complete picture of working with Web Intelligence, from creation to publication. From the first step to the last, learn how to design reports that make an impact with this comprehensive guide c. Web Intelligence Interactive Viewer Discover the HTML5-based Web Intelligence Interactive Viewer and BI launchpad, a fully integrated interface for organizing, viewing, analyzing, and sharing business intelligence content. **Introduction to Information Retrieval** Cambridge University Press Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures. **Business Intelligence and Data Mining** Business Expert Press "This book is a splendid and valuable addition to this subject. The whole book is well written and I have no hesitation to recommend that this can be adapted as a textbook for graduate courses in Business Intelligence and Data Mining." Dr. Edi Shivaji, Des Moines, Iowa "As a complete novice to this area just starting out on a MBA course I found the book incredibly useful and very easy to follow and understand. The concepts are clearly explained and make it an easy task to gain an understanding of the subject matter." -- Mr. Craig Domoney, South Africa. **Business Intelligence and Data Mining** is a conversational and informative book in the exploding area of Business Analytics. Using this book, one can easily gain the intuition about the area, along with a solid toolset of major data mining techniques and platforms. This book can thus be gainfully used as a textbook for a college course. It is also short and accessible enough for a busy executive to become a quasi-expert in this area in a couple of hours. Every chapter begins with a case-let from the real world, and ends with a case study that runs across the chapters. **Universe Design with SAP BusinessObjects BI The Comprehensive Guide** SAP PRESS * Everything you need to know about the new Information Design Tool and UNX universes * Explore step-by-step universe design, from connecting to different data sources, to creating data foundations, to building business layers * Compare and convert UNV to UNX universes Bend the cosmos to your will! For SAP data and non-SAP data alike, this comprehensive resource spans universe creation to universe publication. Learn to build single- and multisource data foundations and business layers and to convert UNV to UNX using the new Information Design Tool. Using step-by-step instructions and guiding screenshots, explore the important Information Design Tool features and functionalities that will put intelligent design within your grasp. **Information Design Tool** Explore its interface and find tips to design and manage universes that fit your needs. **Not Just Semantics** Begin with a conversation on the fundamental role of the semantic layer and then move into the pillars of universe design: the data foundation and the business layer. **Connecting to any Data Source** and to SAP Systems **Connect to any relational data source or OLAP cube with your universe, and make sure you're using the right parameters and access methods to retrieve enterprise data from SAP systems. Publishing and Sharing Universes** Learn how to make universes available for consumption by SAP BusinessObjects BI tools and for collaboration with other designers. **Comparing the Old with the New** Differentiate between universes created with the Universe Design Tool and Information Design Tool, and learn how to convert UNV to UNX. **Catalogue of the Public Documents of the ... Congress and of All Departments of the Government of the United States for the Period from ... to ... Trends and Applications in Information Systems and Technologies Volume 2** Springer Nature This book is composed of a selection of articles from The 2021 World Conference on Information Systems and Technologies (WorldCIST'21), held online between 30 and 31 of March and 1 and 2 of April 2021 at Hangra de Heroismo, Terceira Island, Azores, Portugal. WorldCIST is 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, together with their technological development and applications. The main topics covered are: A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human-Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; N) Technologies for Biomedical Applications. **Introducing Data Science Big data, machine learning, and more, using Python tools** Simon and Schuster Summary Introducing Data Science teaches you how to accomplish the fundamental tasks that occupy data scientists. Using the Python language and common Python libraries, you'll experience firsthand the challenges of dealing with data at scale and gain a solid foundation in data science. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. **About the Technology** Many companies need developers with data science skills to work on projects ranging from social media marketing to machine learning. Discovering what you need to learn to begin a career as a data scientist can seem bewildering. This book is designed to help you get started. **About the Book** Introducing Data Science explains vital data science concepts and teaches you how to accomplish the fundamental tasks that occupy data scientists. You'll explore data visualization, graph databases, the use of NoSQL, and the data science process. You'll use the Python language and common Python libraries as you experience firsthand the challenges of dealing with data at scale. Discover how Python allows you to gain insights from data sets so big that they need to be stored on multiple machines, or from data moving so quickly that no single machine can handle it. This book gives you hands-on experience with the most popular Python data science libraries, Scikit-learn and StatsModels. After reading this book, you'll have the solid foundation you need to start a career in data science. **What's Inside** Handling large data Introduction to machine learning Using Python to work with data Writing data science algorithms **About the Reader** This book assumes you're comfortable reading code in Python or a similar language, such as C, Ruby, or JavaScript. No prior experience with data science is required. **About the Authors** Davy Cielen, Arno D. B. Meysman, and Mohamed Ali are the founders and managing partners of Optimately and Maiton, where they focus on developing data science projects and solutions in various sectors. **Table of Contents** Data science in a big data world The data science process Machine learning Handling large data on a single computer First steps in big data Join the NoSQL movement The rise of graph databases Text mining and text analytics Data visualization to the end user **A Concise Introduction to Decentralized POMDPs** Springer This book introduces multiagent planning under uncertainty as formalized by decentralized partially observable Markov decision processes (Dec-POMDPs). The intended audience is researchers and graduate students working in the fields of artificial intelligence related to sequential decision making: reinforcement learning, decision-theoretic planning for single agents, classical multiagent planning, decentralized control, and operations research. **Integrating SAP BusinessObjects BI Platform 4.x with SAP NetWeaver** SAP PRESS * Understand the specifics of running SAP BusinessObjects BI products on top of SAP NetWeaver BW and SAP ERP data * Learn how to set up your SAP NetWeaver system for SAP Crystal Reports, SAP BusinessObjects Dashboards, SAP BusinessObjects Web Intelligence, and more * Updated and expanded for SAP BusinessObjects 4.x Get the crucial knowledge you need to make essential business intelligence products work on top of SAP NetWeaver. Continuing in the tradition of the first bestselling edition, this updated edition carefully guides you, click-by-click, through the process of connecting SAP BusinessObjects tools to SAP data. The expert advice and clear instruction that this book provides is just what you need to become an authority on integrating your SAP BusinessObjects BI platform with SAP NetWeaver. **Step-by-Step Instructions** Follow along as the author walks you through each click and screen needed to integrate SAP BusinessObjects with SAP NetWeaver. **Installation and Configuration** Learn how to install and configure the necessary server and client components to start working with SAP BusinessObjects tools. **Semantic Layer** Review the different options for connecting corporate data in a brand new chapter about the semantic layer. **SAP NetWeaver Portal** Discover how you can make SAP NetWeaver Portal work with the SAP BusinessObjects BI platform. Updated and Expanded Explore over 200 new pages, and find updated information on how the 4.x release of the SAP BusinessObjects BI platform changes the landscape of the integration with SAP NetWeaver. **Highlights** * Installation and configuration * Semantic layer * SAP Crystal Reports for Enterprise * SAP BusinessObjects Web Intelligence * SAP BusinessObjects Dashboards * SAP BusinessObjects Analysis, edition for Microsoft Office * SAP BusinessObjects Analysis, edition for OLAP * SAP NetWeaver Portal * Security and troubleshooting **The Profit Impact of Business Intelligence** Elsevier The Profit Impact of Business Intelligence presents an A-to-Z approach for getting the most business intelligence (BI) from a company's data assets or data warehouse. BI is not just a technology or methodology, it is a powerful new management approach that - when done right - can deliver knowledge, efficiency, better decisions, and profit to almost any organization that uses it. When

BI first came on the scene, it promised a lot but often failed to deliver. The missing element was the business-centric focus explained in this book. It shows how you can achieve the promise of BI by connecting it to your organization's strategic goals, culture, and strengths while correcting your BI weaknesses. It provides a practical, process-oriented guide to achieve the full promise of BI; shows how world-class companies used BI to become leaders in their industries; helps senior business and IT executives understand the strategic impact of BI and how they can ensure a strong payoff from their BI investments; and identifies the most common mistakes organizations make in implementing BI. The book also includes a helpful glossary of BI terms; a BI readiness assessment for your organization; and Web links and extensive references for more information. A practical, process-oriented book that will help organizations realize the promise of BI

Written by Nancy and Steve Williams, veteran consultants and instructors with hands-on, "in the trenches" experience in government and corporate business intelligence applications Will help senior business and IT executives understand the strategic impact of BI and how they can help ensure a strong payoff on BI investments

SAP BusinessObjects Reporting Cookbook Packt Publishing Ltd If you are a business analyst, BI developer, or an IT professional who wants to learn the A to Z of how to work with Web Intelligence reporting tools and different types of data, then this book is for you. The only thing you need is a basic understanding of what Business Intelligence is and data concepts.

Implementing SAP HANA SAP PRESS Implement SAP HANA as a standalone data warehouse Integrate SAP Data Services and the SAP BusinessObjects BI tools with SAP HANA Benefit from step-by-step instructions, technical details, and downloadable data for every step In the new SAP HANA era, processes that once took weeks now take days, hours, or even minutes. Truly take advantage of this bold jump forward with this resource for a standalone SAP HANA implementation. Master data loading with SAP Data Services, data modeling in SAP HANA, and then SAP HANA integration with SAP BusinessObjects BI for reporting and analytics. From general concepts to specific implementation steps and a real-world case study, this book offers the practical details about implementing SAP HANA that will shift your system into high gear. Data Storage See how SAP HANA has fundamentally changed data storage with column store tables that improve compression and, consequently, performance. SAP Data Services Avoid fast trash. Preprovision your data using source system analysis, profiling tools, and mapping to load high-quality data into SAP HANA.SAP HANA Studio Dive into SAP HANA-specific data modelling components like the attribute, analytic, and calculation views that produce quality multidimensional models. Connecting SAP HANA with BI Deliver sophisticated data visualization and analysis by integrating SAP BusinessObjects Design Studio, SAP Lumira, SAP Predictive Analysis, and more with SAP HANA. Hands-On Case Study Take SAP HANA for a test drive. Download the data for the fictitious AdventureWorks Cycle Company s implementation and follow along every step of the way. Highlights Source system analysis SAP Data Services Analytic, attribute, and calculation views SAP HANA Studio Columnar database technology Denormalization Information Design Tool SAP Information Steward SAP Predictive Analysis SAP BusinessObjects BI toolset SAP Lumira

SAP BusinessObjects BI System Administration SAP PRESS As a system administrator, you know that users like to keep you on your toes. Don't worry This guide to BOBJ administration helps you stay one step ahead. From sizing to troubleshooting, it offers you the background you need to administer a system that does what it's supposed to do.

Recommender Systems Handbook Springer This second edition of a well-received text, with 20 new chapters, presents a coherent and unified repository of recommender systems' major concepts, theories, methodologies, trends, and challenges. A variety of real-world applications and detailed case studies are included. In addition to wholesale revision of the existing chapters, this edition includes new topics including: decision making and recommender systems, reciprocal recommender systems, recommender systems in social networks, mobile recommender systems, explanations for recommender systems, music recommender systems, cross-domain recommendations, privacy in recommender systems, and semantic-based recommender systems. This multi-disciplinary handbook involves world-wide experts from diverse fields such as artificial intelligence, human-computer interaction, information retrieval, data mining, mathematics, statistics, adaptive user interfaces, decision support systems, psychology, marketing, and consumer behavior. Theoreticians and practitioners from these fields will find this reference to be an invaluable source of ideas, methods and techniques for developing more efficient, cost-effective and accurate recommender systems.

Sentiment Analysis for Social Media MDPI Sentiment analysis is a branch of natural language processing concerned with the study of the intensity of the emotions expressed in a piece of text. The automated analysis of the multitude of messages delivered through social media is one of the hottest research fields, both in academy and in industry, due to its extremely high potential applicability in many different domains. This Special Issue describes both technological contributions to the field, mostly based on deep learning techniques, and specific applications in areas like health insurance, gender classification, recommender systems, and cyber aggression detection.

Financial Reporting with SAP SAP PRESS • Understand and implement strategies for optimizing financials reporting capabilities • Master the best practices for simplifying, streamlining, and automating financial and management reporting • Learn how to integrate Financials reporting with SAP ERP, SAP NetWeaver BW, and SAP BusinessObjects This book provides finance and IT teams with best practices for delivering financial reports faster, more accurately, and in compliance with various international accounting standards. Featuring step-by-step coverage of all major FI reporting functions (including Sub-Ledger, Corporate Finance Management, and Governance, Risk & Compliance), this book will help you streamline and simplify financial business processes and automate financial and management reporting in SAP ERP Financials. This new edition includes updated content on statutory reporting, segment reporting, AP and AR reports in SAP ERP, Consolidated Financial Reporting, as well as the most recent reporting tools in SAP ERP, SAP BusinessObjects.

Machine Learning Refined Foundations, Algorithms, and Applications Cambridge University Press Providing a unique approach to machine learning, this text contains fresh and intuitive, yet rigorous, descriptions of all fundamental concepts necessary to conduct research, build products, tinker, and play. By prioritizing geometric intuition, algorithmic thinking, and practical real world applications in disciplines including computer vision, natural language processing, economics, neuroscience, recommender systems, physics, and biology, this text provides readers with both a lucid understanding of foundational material as well as the practical tools needed to solve real-world problems. With in-depth Python and MATLAB/OCTAVE-based computational exercises and a complete treatment of cutting edge numerical optimization techniques, this is an essential resource for researchers and practitioners working in machine learning, computer science, electrical engineering, signal processing, and numerical optimization.

ALGORITHMS OF THE INTELLIGENT WEB Special Features: Learning Elements: · How to create recommendations just like those on Netflix and Amazon · How to implement Google's Pagerank algorithm · How to discover matches on social-networking sites · How to organize the discussions on your favorite news group · How to select topics of interest from shared bookmarks · How to leverage user clicks · How to categorize emails based on their content · How to build applications that do targeted advertising · How to implement fraud detection About The Book: Algorithms of the Intelligent Web is an example-driven blueprint for creating applications that collect, analyze, and act on the massive quantities of data users leave in their wake as they use the web. You'll learn how to build Amazon- and Netflix-style recommendation engines, and how the same techniques apply to people matches on social-networking sites. See how click-trace analysis can result in smarter ad rotations. With a plethora of examples and extensive detail, this book shows you how to build Web 2.0 applications that are as smart as your users.

Machine Medical Ethics Springer The essays in this book, written by researchers from both humanities and science, describe various theoretical and experimental approaches to adding medical ethics to a machine, what design features are necessary in order to achieve this, philosophical and practical questions concerning justice, rights, decision-making and responsibility in medical contexts, and accurately modeling essential physician-machine-patient relationships. In medical settings, machines are in close proximity with human beings: with patients who are in vulnerable states of health, who have disabilities of various kinds, with the very young or very old and with medical professionals. Machines in these contexts are undertaking important medical tasks that require emotional sensitivity, knowledge of medical codes, human dignity and privacy. As machine technology advances, ethical concerns become more urgent: should medical machines be programmed to follow a code of medical ethics? What theory or theories should constrain medical machine conduct? What design features are required? Should machines share responsibility with humans for the ethical consequences of medical actions? How ought clinical relationships involving machines to be modeled? Is a capacity for empathy and emotion detection necessary? What about consciousness? This collection is the first book that addresses these 21st-century concerns.

Ontology Engineering in a Networked World Springer Science & Business Media The Semantic Web is characterized by the existence of a very large number of distributed semantic resources, which together define a network of ontologies. These ontologies in turn are interlinked through a variety of different meta-relationships such as versioning, inclusion, and many more. This scenario is radically different from the relatively narrow contexts in which ontologies have been traditionally developed and applied, and thus calls for new methods and tools to effectively support the development of novel network-oriented semantic applications. This book by Suárez-Figueroa et al. provides the necessary methodological and technological support for the development and use of ontology networks, which ontology developers need in this distributed environment. After an introduction, in its second part the authors describe the NeOn Methodology framework. The book's third part details the key activities relevant to the ontology engineering life cycle. For each activity, a general introduction, methodological guidelines, and practical examples are provided. The fourth part then presents a detailed overview of the NeOn Toolkit and its plug-ins. Lastly, case studies from the pharmaceutical and the fishery domain round out the work. The book primarily addresses two main audiences: students (and their lecturers) who need a textbook for advanced undergraduate or graduate courses on ontology engineering, and practitioners who need to develop ontologies in particular or Semantic Web-based applications in general. Its educational value is maximized by its structured approach to explaining guidelines and combining them with case studies and numerous examples. The description of the open source NeOn Toolkit provides an additional asset, as it allows readers to easily evaluate and apply the ideas presented.

Recommender Systems An Introduction Cambridge University Press In this age of information overload, people use a variety of strategies to make choices about what to buy, how to spend their leisure time, and even whom to date. Recommender systems automate some of these strategies with the goal of providing affordable, personal, and high-quality recommendations. This book offers an overview of approaches to developing state-of-the-art recommender systems. The authors present current algorithmic approaches for generating personalized buying proposals, such as collaborative and content-based filtering, as well as more interactive and knowledge-based approaches. They also discuss how to measure the effectiveness of recommender systems and illustrate the methods with practical case studies. The final chapters cover emerging topics such as recommender systems in the social web and consumer buying behavior theory. Suitable for computer science researchers and students interested in getting an overview of the field, this book will also be useful for professionals looking for the right technology to build real-world recommender systems.

Enhancing SAP by Using DB2 9 for z/OS IBM Redbooks This IBM Redbooks publication presents many of the new and improved features and functions of DB2 V9.1 for z/OS and DB2 Connect V9.1. It explains how they complement and benefit your SAP NetWeaver environment. This book also shares some of our experiences in migrating our DB2 V8 SAP data sharing environment to DB2 9 for z/OS with a minimal amount of outage. This book is written for SAP and DB2 administrators. Knowledge of these products and of the z/OS environment is assumed.

Knowledge Graphs Morgan & Claypool Publishers This book provides a comprehensive and accessible introduction to knowledge graphs, which have recently garnered notable attention from both industry and academia. Knowledge graphs are founded on the principle of applying a graph-based abstraction to data, and are now broadly deployed in scenarios that require integrating and extracting value from multiple, diverse sources of data at large scale. The book defines knowledge graphs and provides a high-level overview of how they are used. It presents and contrasts popular graph models that are commonly used to represent data as graphs, and the languages by which they can be queried before describing how the resulting data graph can be enhanced with notions of schema, identity, and context. The book discusses how ontologies and rules can be used to encode knowledge as well as how inductive techniques—based on statistics, graph analytics, machine learning, etc.—can be used to encode and extract knowledge. It covers techniques for the creation, enrichment, assessment, and refinement of knowledge graphs and surveys recent open and enterprise knowledge graphs and the industries or applications within which they have been most widely adopted. The book closes by discussing the current limitations and future directions along which knowledge graphs are likely to evolve. This book is aimed at students, researchers, and practitioners who wish to learn more about knowledge graphs and how they facilitate extracting value from diverse data at large scale. To make the book accessible for newcomers, running examples and graphical notation are used throughout. Formal definitions and extensive references are also provided for those who opt to delve more deeply into specific topics.

Computational Web Intelligence Intelligent Technology for Web Applications World Scientific This review volume introduces the novel intelligent Web theory called computational Web intelligence (CWI) based on computational intelligence (CI) and Web technology (WT). It takes an in-depth look at hybrid Web intelligence (HWI), which is based on artificial biological and computational intelligence with Web technology and is used to build hybrid intelligent Web systems that serve wired and wireless users more efficiently.

Foundations of Soft Case-Based Reasoning John Wiley & Sons Provides a self-contained description of this important aspect of information processing and decision support technology. Presents basic definitions, principles, applications, and a detailed bibliography. Covers a range of real-world examples including control, data mining, and pattern recognition.

The Semantic Sphere 1 Computation, Cognition and Information Economy John Wiley & Sons The new digital media offers us an unprecedented memory capacity, an ubiquitous communication channel and a growing computing power. How can we exploit this medium to augment our personal and social cognitive processes at the service of human

development? Combining a deep knowledge of humanities and social sciences as well as areal familiarity with computer science issues, this book explains the collaborative construction of a global hypercortex coordinated by a computable metalanguage. By recognizing fully the symbolic and social nature of human cognition, we could transform our current opaque global brain into a reflexive collective intelligence. **Trends and Innovations in Information Systems and Technologies Volume 1** Springer Nature This book gathers selected papers presented at the 2020 World Conference on Information Systems and Technologies (WorldCIST'20), held in Budva, Montenegro, from April 7 to 10, 2020. WorldCIST provides a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences with and challenges regarding various aspects of modern information systems and technologies. The main topics covered are A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human-Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; and N) Technologies for Biomedical Applications. **Design of Assistive Technology for Ageing Populations** Springer Nature This book focuses on various aspects of research on ageing, including in relation to assistive technology; dignity of aging; how technology can support a greater understanding of the experience of physically aging and cognitive changes; mobility issues associated with the elderly; and emerging technologies. The 80+ age group represents an expanding market, with an estimated worth of £21.4 billion a year. Everyone is affected by this shift in demographics – we are getting older and may become carers – and we need to prepare ourselves and adjust our surroundings for longer life. Products, services and environments have been changing in response to the changing population. Presenting international design research to demonstrate the thinking and ideas shaping design, this book is a valuable resource for designers; product developers; employers; gerontologists; and medical, health and service providers; as well as everyone interested in aging. **Proceedings of Integrated Intelligence Enable Networks and Computing IINC 2020** Springer Nature This book presents best selected research papers presented at the First International Conference on Integrated Intelligence Enable Networks and Computing (IINC 2020), held from May 25 to May 27, 2020, at the Institute of Technology, Gopeshwar, India (Government Institute of Uttarakhand Government and affiliated to Uttarakhand Technical University). The book includes papers in the field of intelligent computing. The book covers the areas of machine learning and robotics, signal processing and Internet of things, big data and renewable energy sources. **Cloud Computing and Software Services Theory and Techniques** CRC Press Whether you're already in the cloud, or determining whether or not it makes sense for your organization, *Cloud Computing and Software Services: Theory and Techniques* provides the technical understanding needed to develop and maintain state-of-the-art cloud computing and software services. From basic concepts and recent research findings to future **Internal Audit Handbook Management with the SAP®-Audit Roadmap** Springer Science & Business Media This book offers a comprehensive, up-to-date presentation of the tasks and challenges facing internal audit. It presents the Audit Roadmap, the process model of internal auditing developed at SAP® which describes all stages of an audit. Coverage provides information on issues such as the identification of audit fields, the annual audit planning, the organization and execution of audits as well as reporting and follow-up. The handbook also discusses management-related subjects. Separate chapters are dedicated to special topics like IT or SOX audits. **Social Monitoring for Public Health** Morgan & Claypool Publishers Public health thrives on high-quality evidence, yet acquiring meaningful data on a population remains a central challenge of public health research and practice. Social monitoring, the analysis of social media and other user-generated web data, has brought advances in the way we leverage population data to understand health. Social media offers advantages over traditional data sources, including real-time data availability, ease of access, and reduced cost. Social media allows us to ask, and answer, questions we never thought possible. This book presents an overview of the progress on uses of social monitoring to study public health over the past decade. We explain available data sources, common methods, and survey research on social monitoring in a wide range of public health areas. Our examples come from topics such as disease surveillance, behavioral medicine, and mental health, among others. We explore the limitations and concerns of these methods. Our survey of this exciting new field of data-driven research lays out future research directions. **Software Engineering Methods in Intelligent Algorithms Proceedings of 8th Computer Science On-line Conference 2019, Vol. 1** Springer This book presents software engineering methods in the context of the intelligent systems. It discusses real-world problems and exploratory research describing novel approaches and applications of software engineering, software design and algorithms. The book constitutes the refereed proceedings of the Software Engineering Methods in Intelligent Algorithms Section of the 8th Computer Science On-line Conference 2019 (CSOC 2019), held on-line in April 2019. **CompTIA Advanced Security Practitioner (CASP) CAS-002 Cert Guide** Pearson IT Certification Trust the best selling Authorized Cert Guide series from Pearson IT Certification to help you learn, prepare, and practice for exam success. These guides are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master CompTIA® Advanced Security Practitioner (CASP) CAS-002 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CompTIA® Advanced Security Practitioner (CASP) CAS-002 Authorized Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CompTIA® Advanced Security Practitioner (CASP) CAS-002 Authorized Cert Guide presents you with an organized test preparation routine through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CompTIA® Advanced Security Practitioner (CASP) CAS-002 Authorized Cert Guide focuses specifically on the objectives for CompTIA's CASP CAS-002 exam. Expert security certification training experts Robin Abernathy and Troy McMillan share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well-regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this authorized study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The authorized study guide helps you master all the topics on the CompTIA CASP exam, including: Enterprise security: cryptography; storage; network/security components, concepts, and architectures; host controls; application vulnerabilities/controls Risk management and incident response: business influences/risks; risk mitigation; privacy policies / procedures; incident response/recovery Research, analysis, and assessment: industry trends; securing the enterprise; assessment tools / methods Integration of computing, communications, and business disciplines: business unit collaboration; secure communication / collaboration; security across the technology life cycle Technical integration of enterprise components: host/storage/network/application integration; secure enterprise architecture; authentication and authorization CompTIA Advanced Security Practitioner (CASP) CAS-002 Authorized Cert Guide is part of a recommended learning path from Pearson IT Certification that includes simulation, hands-on training, and self-study products. To find out more, please visit <http://www.pearsonitcertification.com>. **Human Interaction, Emerging Technologies and Future Applications III Proceedings of the 3rd International Conference on Human Interaction and Emerging Technologies: Future Applications (IHET 2020), August 27-29, 2020, Paris, France** Springer Nature This book reports on research and developments in human-technology interaction. A special emphasis is given to human-computer interaction, and its implementation for a wide range of purposes such as healthcare, aerospace, telecommunication, and education, among others. The human aspects are analyzed in detail. Timely studies on human-centered design, wearable technologies, social and affective computing, augmented, virtual and mixed reality simulation, human rehabilitation and biomechanics represent the core of the book. Emerging technology applications in business, security, and infrastructure are also critically examined, thus offering a timely, scientifically-grounded, but also professionally-oriented snapshot of the current state of the field. The book is based on contributions presented at the 3rd International Conference on Human Interaction and Emerging Technologies: Future Applications, IHET 2020, held on August 27-29, 2020. It offers a timely survey and a practice-oriented reference guide to researchers and professionals dealing with design and/or management of the new generation of service systems. **Computer Aided Systems Theory - EUROCAST 2007 11th International Conference on Computer Aided Systems Theory, Las Palmas de Gran Canaria, Spain, February 12-16, 2007, Revised Selected Papers** Springer This book constitutes the thoroughly refereed post-proceedings of the 11th International Conference on Computer Aided Systems Theory, EUROCAST 2007. Coverage in the 144 revised full papers presented includes formal approaches, computation and simulation in modeling biological systems, intelligent information processing, heuristic problem solving, signal processing architectures, robotics and robotic soccer, cybercars and intelligent vehicles and artificial intelligence components. **Text Processing with GATE Version 6** Gate GATE is a free open-source infrastructure for developing and deploying software components that process human language. It is more than 15 years old and is in active use for all types of computational tasks involving language (frequently called natural language processing, text analytics, or text mining). GATE excels at text analysis of all shapes and sizes. From large corporations to small startups, from multi-million research consortia to undergraduate projects, our user community is the largest and most diverse of any system of this type, and is active world-wide. This book contains a highly accessible introduction to GATE Version 6 and is the first port of call for all GATE-related questions. It includes a guide to using GATE Developer and GATE Embedded, and chapters on all major areas of functionality, such as processing multiple languages and large collections of unstructured text. It also includes complete plugin documentation (e.g. named entity recognition, parsing, semantic analysis, , as well as details on other members of the GATE Family: GATECloud.net, Teamware, and Mimir. To join the GATE community visit <http://gate.ac.uk/>.