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Digital Humanities and Research Methods in Religious Studies Building IoT Visualizations using Grafana Visualizing the invisible with the human body Artificial Intelligence Applications and Innovations Applied Computer Science for GGOS Observatories Project Management Metrics, KPIs, and Dashboards The Data Journalism Handbook Julia Programming Projects Distributed Network Data Key Performance Indicators Science Gateways for Distributed Computing Infrastructures Interactive Web Development with Three.js and A-Frame Do Epic Stuff! New Developments in Quantitative Psychology Atlantis Rising Magazine Issue 25 – THE ENIGMA OF MA’MUN’S TUNNEL PDF Download A BIM Professional's Guide to Learning Archicad Integrated Intelligence Digital Design in Action Open Science in Africa Large Scale Projects in EHealth Digital Art Masters Graph Data Science with Python and Neo4j Digital Design Essentials Forgotten Disney DocBook for Writers Interface Support for Creativity, Productivity, and Expression in Computer Graphics Machine Learning for Text R and Data Mining        World Editors Computing the Environment Debates in the Digital Humanities 2019 The Loop Approach An Introduction to Data Science Restructuring Translation Education Data Analysis for the Geosciences Empowering Users through Design       Linux Firewalls Social Reading

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**Digital Humanities and Research Methods in Religious Studies** 2021-02-22 this volume provides practical but provocative case studies of exemplary projects that apply digital technology or methods to the study of religion an introduction and 16 essays are organized by the kinds of sources digital humanities scholars use texts images and places with a final section on the professional and pedagogical issues digital scholarship raises for the study of religion

**Building IoT Visualizations using Grafana** 2022-07-27 the iot developer s complete guide to building powerful dashboards analyzing data and integrating with other platforms key features connect devices store and manage data and build powerful data visualizations integrate grafana with other systems such as prometheus opensearch and librenms learn about message brokers and data forwarders to send data from sensors and systems to different platforms book description grafana is a powerful open source software that helps you to visualize and analyze data gathered from various sources it allows you to share valuable information through unclouded dashboards run analytics and send notifications building iot visualizations using grafana offers how to procedures useful resources and advice that will help you to implement iot solutions with confidence you ll begin by installing and configuring grafana according to your needs next you ll acquire the skills needed to implement your own iot system using communication brokers databases and metric management systems as well as integrate everything with grafana you ll learn to collect data from iot devices and store it in databases as well as discover how to connect databases to grafana make queries and build insightful dashboards finally the book will help you implement analytics for visualizing data performing automation and delivering notifications by the end of this grafana book you ll be able to build insightful dashboards perform analytics and deliver notifications that apply to iot and it systems what you will learn install and configure grafana in different types of environments enable communication between your iot devices using different protocols build data sources by ingesting data from iot devices gather data from grafana using different types of data sources build actionable insights using plugins and analytics deliver notifications across several communication channels integrate grafana with other platforms who this book is for this book is for iot developers who want to build powerful visualizations and analytics for their projects and products technicians from the embedded world looking to learn how to build systems and platforms using open source software will also benefit from this book if you have an interest in technology iot open source and related subjects then this book is for you basic knowledge of administration tasks on linux based systems ip networks and network services protocols ports and related topics

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will help you make the most out of this book

Visualizing the invisible with the human body 2019-11-05 physiognomy and ekphrasis are two of the most important modes of description in antiquity and represent the necessary precursors of scientific description the primary way of divining the characteristics and fate of an individual whether inborn or acquired was to observe the patient's external characteristics and behaviour this volume focuses initially on two types of descriptive literature in mesopotamia physiognomic omens and what we might call ekphrastic description these modalities are traced through ancient india ugaritic and the hebrew bible before arriving at the physiognomic features of famous historical figures such as themistocles socrates or augustus in the graeco roman world where physiognomic discussions become intertwined with typological analyses of human characters the arabic compendial culture absorbed and remade these different physiognomic and ekphrastic traditions incorporating both mesopotamian links between physiognomy and medicine and the interest in characterological types that had emerged in the hellenistic period this volume offer the first wide ranging picture of these modalities of description in antiquity

Artificial Intelligence Applications and Innovations 2014-09-15 this book constitutes the refereed proceedings of four aiai 2014 workshops co located with the 10th ifip wg 12 5 international conference on artificial intelligence applications and innovations aiai 2014 held in rhodes greece in september 2014 the third workshop on intelligent innovative ways for video to video communications in modern smart cities iivc 2014 the third workshop on mining humanistic data mhdw 2014 the third workshop on conformal prediction and its applications copa 2014 and the first workshop on new methods and tools for big data mt4bd 2014 the 36 revised full papers presented were carefully reviewed and selected from numerous submissions they cover a large range of topics in basic ai research approaches and applications in real world scenarios

**Applied Computer Science for GGOS Observatories** 2017-08-08 this book combines elementary theory from computer science with real world challenges in global geodetic observation based on examples from the geodetic observatory wetzell germany it starts with a step by step introduction to developing stable and safe scientific software to run successful software projects the use of software toolboxes is another essential aspect that leads to the application of generative programming an example is a generative network middleware that simplifies communication one of the book's main focuses is on explaining a potential strategy involving autonomous production cells for space geodetic techniques the complete software design of a satellite laser ranging system is taken as an example such automated systems are then

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combined for global interaction using secure communication tunnels for remote access the network of radio telescopes is used as a reference combined observatories form coordinated multi agent systems and offer solutions for operational aspects of the global geodetic observing system ggos with regard to industry 4 0

Project Management Metrics, KPIs, and Dashboards 2017-10-16 harold kerzner s essential strategies on measuring project management performance with the growth of complex projects stakeholder involvement and advancements in visual based technology metrics and kpis key performance indicators are key factors in evaluating project performance dashboard reporting systems provide accessible project performance data and sharing this vital data in a concise and consistent manner is a key communication responsibility of all project managers this third edition of kerzner s groundbreaking work project management metrics kpis and dashboards a guide to measuring and monitoring project performance helps functional managers gain a thorough grasp of what metrics and kpis are and how to use them plus this edition includes new sections on processing dashboard information portfolio management pmo and metrics and bi tool flexibility offers comprehensive coverage of the different dashboard types design issues and applications provides full color dashboards from some of the most successful project management companies including ibm microsoft and others aligns with pmi s pmbok guide and stresses value driven project management ppt decks are available by chapter and a test bank will be available for use in seminar presentations and courses get ready to bolster your awareness of what good metrics management really entails today and be armed with the knowledge to measure performance more effectively

The Data Journalism Handbook 2012-07-12 when you combine the sheer scale and range of digital information now available with a journalist s nose for news and her ability to tell a compelling story a new world of possibility opens up with the data journalism handbook you ll explore the potential limits and applied uses of this new and fascinating field this valuable handbook has attracted scores of contributors since the european journalism centre and the open knowledge foundation launched the project at mozfest 2011 through a collection of tips and techniques from leading journalists professors software developers and data analysts you ll learn how data can be either the source of data journalism or a tool with which the story is told or both examine the use of data journalism at the bbc the chicago tribune the guardian and other news organizations explore in depth case studies on elections riots school performance and corruption learn how to find data from the

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through freedom of information laws and by crowd sourcing extract information from raw data with tips for working with numbers and statistics and using data visualization deliver data through infographics news apps open data platforms and download links

*Julia Programming Projects* 2018-12-26 a step by step guide that demonstrates how to build simple to advanced applications through examples in julia lang 1 x using modern tools key featureswork with powerful open source libraries for data wrangling analysis and visualizationdevelop full featured full stack web applications learn to perform supervised and unsupervised machine learning and time series analysis with juliabook description julia is a new programming language that offers a unique combination of performance and productivity its powerful features friendly syntax and speed are attracting a growing number of adopters from python r and matlab effectively raising the bar for modern general and scientific computing after six years in the making julia has reached version 1 0 now is the perfect time to learn it due to its large scale adoption across a wide range of domains including fintech biotech education and ai beginning with an introduction to the language julia programming projects goes on to illustrate how to analyze the iris dataset using dataframes you will explore functions and the type system methods and multiple dispatch while building a web scraper and a web app next you ll delve into machine learning where you ll build a books recommender system you will also see how to apply unsupervised machine learning to perform clustering on the san francisco business database after metaprogramming the final chapters will discuss dates and time time series analysis visualization and forecasting we ll close with package development documenting testing and benchmarking by the end of the book you will have gained the practical knowledge to build real world applications in julia what you will learnleverage julia s strengths its top packages and main ide optionsanalyze and manipulate datasets using julia and dataframeswrite complex code while building real life julia applicationsdevelop and run a web app using julia and the http packagebuild a recommender system using supervised machine learning perform exploratory data analysis apply unsupervised machine learning algorithmsperform time series data analysis visualization and forecastingwho this book is for data scientists statisticians business analysts and developers who are interested in learning how to use julia to crunch numbers analyze data and build apps will find this book useful a basic knowledge of programming is assumed

**Distributed Network Data** 2013-02-26 build your own distributed sensor network to collect analyze and visualize real time data about our human environment including noise level temperature and people flow with this hands on book you ll learn how to turn your project idea into

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working hardware using the easy to learn arduino microcontroller and off the shelf sensors authors alasdair allan and kipp bradford walk you through the entire process from prototyping a simple sensor node to performing real time analysis on data captured by a deployed multi sensor network demonstrated at recent o reilly strata conferences the future of distributed data is already here if you have programming experience you can get started immediately wire up a circuit on a breadboard and use the arduino to read values from a sensor add a microphone and infrared motion detector to your circuit move from breadboard to prototype with fritzing a program that converts your circuit design into a graphical representation simplify your design learn use cases and limitations for using arduino pins for power and grounding build wireless networks with xbee radios and request data from multiple sensor platforms visualize data from your sensor network with processing or labview

**Key Performance Indicators** 2019-10-29 the new edition of the bestselling guide on creating and using key performance indicators offers significant new and revised content key performance indicators kpis help define and measure the organizational goals which are fundamental to an organization s current and future success having solid kpis is crucial for companies that are implementing performance management systems such as balanced scorecards six sigma or activity based management in many organizations kpis are often too numerous randomly assembled and overly complex essentially rendering them ineffectual or at worse counterproductive key performance indicators provides a model for simplifying the complex areas of kpis while helping organizations avoid common mistakes and hazards now in its fourth edition this bestselling guide has been extensively revised and updated to incorporate practical lessons drawn from major implementations fresh content includes a more concise kpi methodology with clear implementation guidance original insights on how other areas of performance management can be corrected and new in depth case studies a revised starter kit is included to identify critical success factors and the kpi resource kit contains updated worksheets workshop programs and questionnaires helping readers to better define and measure progress toward goals this important guide dispels the myths of performance measurement and explains a simple yet powerful kpi methodology explains the 12 step model for developing and using kpis with guidelines helps readers brainstorm performance measures sell kpi projects to the board and senior management and accurately report performance features the kpi project leaders corner which provides readers with essential information and useful exercises includes an array of practical tools templates checklists performance measures and a companion

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website davidparmenter.com key performance indicators developing implementing and using winning kpis 4th edition is important resource for c suite executives senior management project teams external project facilitators and team coordinators involved in all aspects of performance management systems

*Science Gateways for Distributed Computing Infrastructures* 2014-10-28 the book describes the science gateway building technology developed in the sci bus european project and its adoption and customization method by which user communities such as biologists chemists and astrophysicists can build customized domain specific science gateways many aspects of the core technology are explained in detail including its workflow capability job submission mechanism to various grids and clouds and its data transfer mechanisms among several distributed infrastructures the book will be useful for scientific researchers and it professionals engaged in the development of science gateways

**Interactive Web Development with Three.js and A-Frame** 2024-04-22 build rich creative technology projects using 3d ar and vr key features master creative development principles covering design coding and user experience develop advanced skills in three js and a frame for immersive 3d graphics build engaging ar and vr experiences for the web integrating cutting edge tech for enhanced user immersion description embark on an amazing journey into the world of creative development with this comprehensive guide from the basics of three js and a frame each chapter adds more knowledge and techniques to empower creative developers to navigate the world of creative development readers will learn to build games and commercial applications using advanced technologies such as ar and vr the book explores the key aspects of creative development for the web delving into in depth themes such as dealing with 3d files setting up materials and textures interacting with 3d objects and understanding the concepts of animation loop and real time rendering next it moves on to navigate the main aspects of webar and webvr introducing readers to the fantastic 3d framework a frame readers will dive deep into the a frame workflow learning tips and tricks to build and manage components ultimately enabling them to deliver professional quality ar and vr experiences in the final chapter readers will be presented with creative development best practices and several real world project templates ready to be used and adapted for their own projects what will you learn attain a comprehensive understanding of creative development for web environments and its applications utilize three js and a frame frameworks to create stunning 3d graphics and immersive virtual experiences learn to build engaging

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games and practical commercial applications blending creativity with functionality gain practical insights into creative development through real world code examples and customizable templates explore the intricacies of web based augmented reality webar and virtual reality webvr technologies to develop immersive web experiences seamlessly integrate 3d graphics video elements and animations using code enabling you to construct dynamic and interactive web applications who is this book for this book is ideal for web developers 3d video and animation enthusiasts with development skills aiming to create dynamic web experiences also suitable for seasoned developers transitioning to creative development covering three js a frame basics and ar vr concepts whether beginner or experienced this handbook offers practical in depth guidance to elevate proficiency in web based creative development table of contents 1 getting started with three js 2 our first scene 3 interacting with our scene 4 adding some realism 5 post processing 6 introduction to webar and webvr 7 creating your first webar experience 8 creating your first webvr experience 9 useful boilerplates to start your projects index

Do Epic Stuff! 2020-04-08 reach out for that big goal the methods of change management are outdated today focus and inspiration matter the most rené esteban shows leaders how to help their team to give their all for an attractive goal how to keep it in sight against all odds and how to work towards it with zeal and enthusiasm rené mixes his own tried and tested experiences from the corporate world with surprisingly effective psychological methods do epic stuff explains how leaders develop the kind of outstanding team which will be at the foundation of future organizations there is nothing more attractive than a goal full of purpose which makes everyone move in the same direction the insights from this book will be the tools for your great breakthrough success as a leader top executives from the likes of allianz bmw e on and deutsche telekom contribute their expert knowledge on how to inspire teams and how to help them reach that big audacious goal inspiring and focused rené esteban showcases that achieving epic business goals is possible brian tracy author of the new york times bestseller eat that frog

New Developments in Quantitative Psychology 2014-02-04 the 77th annual international meeting of the psychometric society imps brought together quantitative researchers who focus on methods relevant to psychology the conference included workshops invited talks by well known scholars and presentations of submitted papers and posters it was hosted by the university of nebraska lincoln and took place between the 9th and 12th of july 2012 the chapters of this volume are based on presentations from the meeting and reflect the latest work in the field topics



with a primarily measurement focus include studies of item response theory computerized adaptive testing cognitive diagnostic modeling and psychological scaling additional psychometric topics relate to structural equation modeling factor analysis causal modeling mediation missing data methods and longitudinal data analysis among others the papers in this volume will be especially useful for researchers graduate students and other quantitative researchers in the social sciences who use quantitative methods particularly psychologists most readers will benefit from some prior knowledge of statistical methods in reading the chapters

**Atlantis Rising Magazine Issue 25 – THE ENIGMA OF MA’MUN’S TUNNEL PDF Download 2023-05-19** in this 88 page download letters early rays hilly rose the daily grail the internet s best alternative science site now in print earth changes 2000 paradigm busting researchers gather in montana remote viewers in alexandria first underwater psi explorers make history sacred geometry s human face demonstration shows amazing connections energy medicine in the o r surgical patients get help from an intuitive the attractions of magnetism is a little child leading us to free energy rock lake unveils its secrets underwater discovery made from the sky is the big bang dead maverick astronomer halton arp challenges conventional wisdom the enigma of ma mun s tunnel what did he really find in the great pyramid the paranormal cellini did this renaissance master get cosmic help america s magic mountains strange stories from rainier and shasta astrology books recordings

[A BIM Professional's Guide to Learning Archicad 2020-02-12](#) move from 2d cad drafting to 3d bim with archicad to boost productivity by mastering this powerful software purchase of the print or kindle book includes a free pdf ebook key features explore the archicad gui file format and tools to get started with residential projects use out of the box documentation tools combined with a powerful publishing workflow translate conceptual designs into compelling imagery using various visualization methods book description a bim professional s guide to learning archicad is a comprehensive introduction to all that archicad has to offer for creating 3d models 2d document extracts and related outputs this book is not a click by click series of recipes but rather focuses on helping you understand why and how archicad works by providing realistic examples and expert tips the book gradually introduces you to archicad tools using ample examples it then helps you master its complexity through clear modules allowing you to start your first project quickly gain useful skills in subsequent projects and keep using the book as a source for insights into the software you ll start with the basic modeling of construction elements and then move on to adding roofs stairs and objects to the project next you ll dive into basic drafting and 2d views for creating 2d output and grasp how to use

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attributes and more advanced modeling tools for designing curtain walls and sites the concluding chapters will show you how to extract and visualize your data and automate the publishing of your extracts and 2d documents into a variety of output formats by the end of this book you will have gained a solid understanding of archicad how to implement it efficiently in your architectural projects and how bim can improve your overall design workflow what you will learn create an architectural model from scratch using archicad as bim software leverage a wide variety of tools and views to fully develop a project achieve efficient project organization and modeling for professional results with increased productivity fully document a project including various 2d and 3d documents and construction details professionalize your bim workflow with advanced insight and the use of expert tips and tricks unlock the geometric and non geometric information in your models by adding properties and creating schedules to prepare for a bill of quantities who this book is for this book is for design engineers architectural designers residential designers bim professionals and anyone working in construction manufacturing or similar fields whether you are an absolute beginner or a professional looking to upgrade your engineering design and urban planning skills you will find this book useful although no prior knowledge of archicad is necessary knowledge of construction architectural design and a basic understanding of 2d cad drafting is recommended the book is based on the international version of the software and uses metric units

**Integrated Intelligence** 2017-04-07 digital design is not only about creating visually appealing products and promotions it needs to possess a practical aspect in addition to being aesthetically appealing digital design in action explores these pragmatic applications and the creative design aspects for various mediums including the web apps epub visual presentations and pdf using the latest digital publishing tools and a project based pedagogy this book includes projects ranging from real world to experimental each chapter contains the perfect balance of vibrant figures techniques and applications to help guide the reader into harnessing their inner potential key features presents methodologies used to deploy layouts for multiple digital output using the latest tools and techniques includes a supporting companion website containing digital examples plus all exercise files and supporting art contains end of chapter exercises and real world and experimental projects structured to help design students create dynamic content in class and on the job later down the line

*Digital Design in Action* 2023-08-30 there is an ongoing transition in the research enterprise towards open science or increasing transparency in researchers collaboration knowledge exchange and how science is organized the open access oa movement can be seen as a case study

of the challenges that this transition can present for example despite all the advantages of oa and the fact that the concept is exceptionally strong as a principle it is yet to be implemented across all institutions particularly in africa even though research productivity from the african continent has increased over the last two decades the global north still dominates the scholarly communication and publication sphere high article processing charges apcs can make it difficult for some african researchers to publish in highly rated and respected academic journals which are critical to their career advancement fee waivers and discounts are available but eligibility and percentages vary by publisher and predatory publishing presents a challenge to african researchers in addition the exclusion of many african publication sources from the major bibliographic databases such as scopus and the of science skews and limits bibliometric analysis and influences the outcomes of world university rankings this research topic aims to investigate the transition to os in the african continent this will include researchers and other stakeholders support services policy makers concerns regarding os as well as the advantages it offers them moreover the role of new technologies is also of interest in the implementation of oa as it is the knowledge divide between different countries and regions it is also crucial to address what needs to change in the research enterprise to make os a worthwhile venture practice for most researchers and research role players and how they can cope with the contradictory challenges

*Open Science in Africa* 2012-05-10 the efficient and effective delivery of healthcare requires accurate and relevant methodologies ehealth projects contribute to the success and sustainability of tomorrow s health care systems efmi special topic conferences stc provide a forum for discussing achievements and experiences on specific topics in medical informatics this book presents the proceedings of the efmi stc 2012 held in moscow russia in april 2012 the theme of this stc is the implementation experience of large scale ehealth projects these large scale projects can be described by size effects complexity duration etc and are generally accompanied by small and dedicated initiatives and solutions the conference highlights large scale projects supporting the use of information and communication technology at national regional and especially at international level and aims to identify requirements for national and regional solutions in medical informatics and health information management this book provides insight into the use of information and communication technology in different countries and is designed to have a high relevance in practice and further research

*Large Scale Projects in EHealth* 2005 meet some of the finest digital 2d and 3d artists working in the industry today from patrick beaulieu and

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alessandro baldasseroni to marcel baumann and marek denko and see how they work

**Digital Art Masters** 2024-03-11 practical approaches to leveraging graph data science to solve real world challenges key features explore the fundamentals of graph data science its importance and applications learn how to set up python and neo4j environments for graph data analysis discover techniques to visualize complex graph networks for better understanding description graph data science with python and neo4j is your ultimate guide to unleashing the potential of graph data science by blending python s robust capabilities with neo4j s innovative graph database technology from fundamental concepts to advanced analytics and machine learning techniques you ll learn how to leverage interconnected data to drive actionable insights beyond theory this book focuses on practical application providing you with the hands on skills needed to tackle real world challenges you ll explore cutting edge integrations with large language models llms like chatgpt to build advanced recommendation systems with intuitive frameworks and interconnected data strategies you ll elevate your analytical prowess this book offers a straightforward approach to mastering graph data science with detailed explanations real world examples and a dedicated github repository filled with code examples this book is an indispensable resource for anyone seeking to enhance their data practices with graph technology join us on this transformative journey across various industries and unlock new actionable insights from your data what will you learn set up and utilize python and neo4j environments effectively for graph analysis import and manipulate data within the neo4j graph database using cypher query language visualize complex graph networks to gain insights into data relationships and patterns enhance data analysis by integrating chatgpt for context rich data enrichment explore advanced topics including neo4j vector indexing and retrieval augmented generation rag develop recommendation engines leveraging graph embeddings for personalized suggestions build and deploy recommendation systems and fraud detection models using graph techniques gain insights into the future trends and advancements shaping the field of graph data science who is this book for this book caters to a diverse audience interested in leveraging the power of graph data science using python and neo4j it includes data science professionals software engineers academic researchers business analysts and technology hobbyists this comprehensive book equips readers from various backgrounds to effectively utilize graph data science in their respective fields table of contents 1 introduction to graph data science 2 getting started with python and neo4j 3 import data into the neo4j graph database 4 cypher query language 5 visualizing graph networks 6 enriching neo4j data with chatgpt 7 neo4j vector index and retrieval augmented generation rag 8 graph algorithms

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in neo4j 9 recommendation engines using embeddings 10 fraud detection closing summary the future of graph data science index

**Graph Data Science with Python and Neo4j** 2013-06 through hundreds of photographs this dynamic guide demonstrates how to expertly apply design principles in a variety of devices desktops web pages mobile and other touchscreen devices

**Digital Design Essentials** 2023-06-19 this work demonstrates that not everything that disney touched turned to gold in its first 100 years the company had major successes that transformed filmmaking and culture but it also had its share of unfinished projects unmet expectations and box office misses some works failed but nevertheless led to other more stunning and lucrative ones others shed light on periods when the disney company was struggling to establish or re establish its brand in addition many disney properties popular in their time but lost to modern audiences emerge as forgotten gems by exploring the studio s missteps this book provides a more complex portrayal of the history of the company than one would gain from a simple recounting of its many hits with essays by writers from across the globe it also asserts that what endures or is forgotten varies from person to person place to place or generation to generation what one dismisses someone else recalls with deep fondness as a magical disney memory

**Forgotten Disney** 2015-02-02 this book is an introduction to docbook aimed at technical writers rather than developers it explains how to use and install the docbook schema and transformation files and it identifies the tools required to write transform and validate docbook instructions are provided for doing this on windows mac os x and linux customized transformation style sheets are provided for creating html pdf and epub 3 output converting docbook to and from other document formats is also covered including conversion to microsoft word open xml document

**DocBook for Writers** 2018-10-05 interfaces within computers computing and programming are consistently evolving and continue to be relevant to computer science as it progresses advancements in human computer interactions their aesthetic appeal ease of use and learnability are made possible due to the creation of user interfaces and result in further growth in science aesthetics and practical applications interface support for creativity productivity and expression in computer graphics is a collection of innovative research on usability the apps humans use and their sensory environment while highlighting topics such as image datasets augmented reality and visual storytelling this book is ideally designed for researchers academicians graphic designers programmers software developers educators multimedia specialists and students seeking current research on uniting digital content with the physicality of the device through applications thus addressing sensory perception

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*Interface Support for Creativity, Productivity, and Expression in Computer Graphics* 2018-03-19 text analytics is a field that lies on the interface of information retrieval machine learning and natural language processing and this textbook carefully covers a coherently organized framework drawn from these intersecting topics the chapters of this textbook is organized into three categories basic algorithms chapters 1 through 7 discuss the classical algorithms for machine learning from text such as preprocessing similarity computation topic modeling matrix factorization clustering classification regression and ensemble analysis domain sensitive mining chapters 8 and 9 discuss the learning methods from text when combined with different domains such as multimedia and the the problem of information retrieval and search is also discussed in the context of its relationship with ranking and machine learning methods sequence centric mining chapters 10 through 14 discuss various sequence centric and natural language applications such as feature engineering neural language models deep learning text summarization information extraction opinion mining text segmentation and event detection this textbook covers machine learning topics for text in detail since the coverage is extensive multiple courses can be offered from the same book depending on course level even though the presentation is text centric chapters 3 to 7 cover machine learning algorithms that are often used indomains beyond text data therefore the book can be used to offer courses not just in text analytics but also from the broader perspective of machine learning with text as a backdrop this textbook targets graduate students in computer science as well as researchers professors and industrial practitioners working in these related fields this textbook is accompanied with a solution manual for classroom teaching

**Machine Learning for Text** 2012-12-31 r and data mining introduces researchers post graduate students and analysts to data mining using r a free software environment for statistical computing and graphics the book provides practical methods for using r in applications from academia to industry to extract knowledge from vast amounts of data readers will find this book a valuable guide to the use of r in tasks such as classification and prediction clustering outlier detection association rules sequence analysis text mining social network analysis sentiment analysis and more data mining techniques are growing in popularity in a broad range of areas from banking to insurance retail telecom medicine research and government this book focuses on the modeling phase of the data mining process also addressing data exploration and model evaluation with three in depth case studies a quick reference guide bibliography and links to a wealth of online resources r and data mining is a valuable practical guide to a powerful method of analysis presents an introduction into using r for data mining applications covering

most popular data mining techniques provides code examples and data so that readers can easily learn the techniques features case studies in real world applications to help readers apply the techniques in their work

*R and Data Mining* 2011-10-28

the existence of world literature depends on specific processes institutions and actors involved in the global circulation of literary works the contributions of this volume aim to pay attention to these multiple material dimensions of latin american 20th and 21st century literatures from perspectives informed by materialism sociology book studies and digital humanities the articles of this volume analyze the role of publishing houses politics of translation mediators and gatekeepers allowing insights into the processes that enable books to cross borders and to be transformed into globally circulating commodities the book focusses both on material re sources of literary archives key actors in literary and cultural markets prizes and book fairs as well as on recent dimension of the digital age statements of some of the leading representatives of the global publishing world complement these analyses of the operations of selection and aggregation of value to literary texts

*World Editors* 2018-04-16 computing the environment presents practical workflows and guidance for designers to get feedback on their design using digital design tools on environmental performance starting with an extensive state of the art survey of what top international offices are currently using in their design projects this book presents detailed descriptions of the tools algorithms and workflows used and discusses the theories that underlie these methods project examples from transsolar klimaengineering buro happold s smart group behnish behnisch architects thomas herzog autodesk research are contextualized with quotes and references to key thinkers in this field such as eric winsberg andrew marsh michelle addington and ali malkawi

**Computing the Environment** 2019-04-30 the latest installment of a digital humanities bellwether contending with recent developments like the shocking 2016 u s presidential election the radical transformation of the social web and passionate debates about the future of data in higher education debates in the digital humanities 2019 brings together a broad array of important thought provoking perspectives on the field s many sides with a wide range of subjects including gender based assumptions made by algorithms the place of the digital humanities within art history data based methods for exhuming forgotten histories video games three dimensional printing and decolonial work this book assembles

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a who s who of the field in more than thirty impactful essays contributors rafael alvarado u of virginia taylor arnold u of richmond james baker u of sussex kathi inman berens portland state u david m berry u of sussex claire bishop the graduate center cuny james coltrain u of nebraska lincoln crunk feminist collective johanna drucker u of california los angeles jennifer edmond trinity college marta effinger crichlow new york city college of technology cuny m beatrice fazi u of sussex kevin l ferguson queens college cuny curtis fletcher u of southern california neil fraistat u of maryland radhika gajjala bowling green state u michael gavin u of south carolina andrew goldstone rutgers u andrew gomez u of puget sound elyse graham stony brook u brian greenspan carleton u john hunter bucknell u steven j jackson cornell u collin jennings miami u lauren kersey saint louis u kari kraus u of maryland seth long u of nebraska kearney laura mandell texas a m u rachel mann u of south carolina jason mittell middlebury college lincoln a mullen george mason u trevor muñoz u of maryland safiya umoja noble u of southern california jack norton normandale community college bethany nowiskie u of virginia Élika ortega northeastern u marisa parham amherst college jussi parikka u of southampton kyle parry u of california santa cruz brad pasanek u of virginia stephen ramsay u of nebraska lincoln matt ratto u of toronto katie rawson u of pennsylvania ben roberts u of sussex david s roh u of utah mark sample davidson college moacir p de sá pereira new york u tim sherratt u of canberra bobby l smiley vanderbilt u lauren tilton u of richmond ted underwood u of illinois urbana champaign megan ward oregon state u claire warwick durham u alban webb u of sussex adrian s wisnicki u of nebraska lincoln

**Debates in the Digital Humanities 2019** 2020-05 how best to adapt established companies to a rapidly changing economy has long been a topic of debate in both the corporate and academic worlds this challenge is especially pressing for large organizations that may have grown top heavy and rigid with time but now need to be light on their feet to stay relevant and profitable until now the best attempts have consisted of plucking tools and methods from the world of start ups and applying them wholesale in large corporate environments most of these efforts have either fizzled or failed outright because they lacked a framework for a comprehensive corporation sized rollout the loop approach introduces a new series of methods that could help change the course of operations for even the most colossal organizations sebastian klein and ben hughes provide a wide ranging set of guidelines for achieving corporate agility complete with checklists and worksheets that should prove instantly applicable want proof the methods outlined in the loop approach have already been successfully implemented at such european corporate giants as audi deutsche bahn and telekom



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**The Loop Approach** 2017-08-25 an introduction to data science is an easy to read gentle introduction for advanced undergraduate certificate and graduate students coming from a wide range of backgrounds into the world of data science after introducing the basic concepts of data science the book builds on these foundations to explain data science techniques using the r programming language and rstudio from the ground up short chapters allow instructors to group concepts together for a semester course and provide students with manageable amounts of information for each concept by taking students systematically through the r programming environment the book takes the fear out of data science and familiarizes students with the environment so they can be successful when performing advanced functions the authors cover statistics from a conceptual standpoint focusing on how to use and interpret statistics rather than the math behind the statistics this text then demonstrates how to use data effectively and efficiently to construct models predict outcomes visualize data and make decisions accompanying digital resources provide code and datasets for instructors and learners to perform a wide range of data science tasks

*An Introduction to Data Science* 2019-01-14 this book offers data based insights into the problems of translation education and their causes in the context of localization and globalization in the era of big data by examining language services around the globe illustrating applications of big data technology and their future development and describing crowdsourcing and online collaborative translations speech to speech translation and cloud based translation it makes readers aware of the important changes taking place in the professional translation market and consequently recognize the insufficiency of translation education and the need for it to be restructured accordingly furthermore the book includes data based analyses of translation education problems such as teaching philosophy curriculum design and faculty development of both undergraduate and postgraduate education in china more importantly it proposes solutions that have already been successful in experiments in a number of universities in china for other institutions of higher education to imitate in restructuring translation education the discussion is of interest for current and future translation policy makers translation educators translators and learners

Restructuring Translation Education 2023-11-07 an initial course in scientific data analysis and hypothesis testing designed for students in all science technology engineering and mathematics disciplines data analysis for the geosciences essentials of uncertainty comparison and visualization is a textbook for upper level undergraduate stem students designed to be their statistics course in a degree program this volume provides a comprehensive introduction to data analysis visualization and data model comparisons and metrics within the framework of the

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uncertainty around the values it offers a learning experience based on real data from the earth ocean atmospheric space and planetary sciences volume highlights include serves as an initial course in scientific data analysis and hypothesis testing focuses on the methods of data processing introduces a wide range of analysis techniques describes the many ways to compare data with models centers on applications rather than derivations explains how to select appropriate statistics for meaningful decisions explores the importance of the concept of uncertainty uses examples from real geoscience observations homework problems at the end of chapters the american geophysical union promotes discovery in earth and space science for the benefit of humanity its publications disseminate scientific knowledge and provide resources for researchers students and professionals

**Data Analysis for the Geosciences** 2015-01-12 at the crossroads of various disciplines this collective work examines the possibility of a new end user engagement in ongoing digital technological products and services development it provides an overview of recent research specifically focused on the user s democratic participation and empowerment it also enables readers to better identify the main opportunities of participatory design a concept which encourages the blurring of the role between user and designer this allows people to escape their status as end user and to elevate themselves to the level of creator this book explores new avenues for rethinking the processes and practices of corporate innovation in order to cope with current socio economic and technological changes in so doing it aims to help companies renew industrial models that allow them to design and produce new ranges of technological products and services by giving the user an active role in the development process far beyond the basic role of consumer intended for designers design researchers and scientists interested in innovation and technology management this book also provides a valuable resource for professionals involved in technology based innovation processes

**Empowering Users through Design** 2014-04-20 system administrators need to stay ahead of new security vulnerabilities that leave their networks exposed every day a firewall and an intrusion detection systems ids are two important weapons in that fight enabling you to proactively deny access and monitor network traffic for signs of an attack linux firewalls discusses the technical details of the iptables firewall and the netfilter framework that are built into the linux kernel and it explains how they provide strong filtering network address translation nat state tracking and application layer inspection capabilities that rival many commercial tools you ll learn how to deploy iptables as an ids with

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psad and fwsnort and how to build a strong passive authentication layer around iptables with fwknop concrete examples illustrate concepts such as firewall log analysis and policies passive network authentication and authorization exploit packet traces snort ruleset emulation and more with coverage of these topics passive network authentication and os fingerprinting iptables log analysis and policies application layer attack detection with the iptables string match extension building an iptables ruleset that emulates a snort ruleset port knocking vs single packet authorization spa tools for visualizing iptables logs perl and c code snippets offer practical examples that will help you to maximize your deployment of linux firewalls if you re responsible for keeping a network secure you ll find linux firewalls invaluable in your attempt to understand attacks and use iptables along with psad and fwsnort to detect and even prevent compromises

□□□□□□□□ 2007-09-07 contemporary developments in the book publishing industry are changing the system as we know it changes in established understandings of authorship and readership are leading to new business models in line with the postulates of 2 0 socially networked authorship book production and reading are among the social and discursive practices starting to define this emerging system websites offering socially networked collaborative and shared reading are increasingly important social reading maps socially networked reading within the larger framework of a changing conception of books and reading this book is structured into chapters covering topics in social reading and a new conception of the book an evaluation of social reading platforms an analysis of social reading applications the personalization of system contents reading in the cloud and the development of new business models and open access e books discusses social reading as an emerging tendency involving authors readers librarians publishers and other industry professionals describes how the way we read is changing presents ways in which the major players in the digital content industry are developing specific applications to foster socially networked reading

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