Blue Pelican Java Answer Book

Objects First with JavaDesign Patterns ExplainedThe Quest for Artificial IntelligenceThe Land of Mist (迷霧之國)The Encyclopedia of Religious PhenomenaThe Bronze-Iron Age of IndonesiaThe World Book EncyclopediaOCA: Oracle Certified Associate Java SE 8 Programmer I Study GuideThalaba the DestroyerPython ProjectsRiddles in MathematicsA Text-book of TanningHushSnake MythsVisualizing DataDigitisation PerspectivesThe Inequality of ManMahout in ActionAnswer BookThe Everlasting ManTurkey and the European UnionExtreme Programming ExplainedBlue Pelican JavaBlue Pelican JavaBe Prepared for the AP Computer Science Exam in JavaSimply Java ProgrammingPutting Knowledge to Work and Letting Information PlayAccelerating MATLAB PerformanceA Book of Natural HistoryData AlgorithmsProject Management - Project Management Case StudiesThe Handy Science Answer BookEffective JavaSuccess in ProgrammingGuide to Medical EntomologyAdvanced IQ TestsCaliphateJava For Everyone: Compatible with Java 5, 6, and 7, 2nd EditionSummer Beach: Seabreeze InnA Book of Discovery: The History of the World's Exploration From the Earliest Times to the Finding of the South Pole

Objects First with Java

Design Patterns Explained

The Quest for Artificial Intelligence

The art of metal casting was imported into Indonesia, but its peoples mastered the secrets of metallurgy, and applied these, in ways often original and unique, to create their own distinctive civilisation of the Bronze-Iron Age. In this handbook, which is a sequel to my The Stone Age of Indo nesia, I have endeavoured to assemble a comprehensive picture of the Indonesian Bronze-Iron Age from the results of excavations, innumerable stray finds in museums, and various studies scattered among numerous scientific journals and periodicals (often difficult to obtain). The resulting picture can, of course, be a tentative one only, valid until many more scientific excavations have taken place. I have added a bibliography, as complete as it was possible to assemble. The completion of this summary of the Prehistory of Indonesia has been assisted by a grant-in-aid from the Wenner Gren Foundation "The Viking Fund", New York. I am grateful to Mr. Basoeki and Mr. Soebokastowo for the drawings of Figures 1, 11, 12, 13, 22 and 16, 23, 24, 25 respectively. Figures 2-10 and 15 were drawn by the well-known artist, the late Mas Pirngadie, and are here published for the first time, with the generous permission of the Board of Directors of the "Bataviaasch Genootschap van Kunsten

en Wetenschappen", Djakarta. I am deeply grateful to my brother-in-law, Mr. J. H. Reiseger of Kempston, Bedfordshire, for so willingly undertaking the translation of the Dutch text into English.

The Land of Mist (迷雾之国)

Java For Everyone, 2nd Edition is a comprehensive introduction to Java and computer programming, which focuses on the principles of programming, software engineering, and effective learning. It is designed for a one-semester, mixed-major, first course in programming. Nobody supports your desire to teach students good programming skills like Cay Horstmann. Active in both the classroom and the software industry, Horstmann knows that meticulous coding-not shortcuts-is the base upon which great programmers are made. Using an innovative visual design that leads students step-by-step through intricacies of Java programming, Java For Everyone, 2nd Edition instills confidence in beginning programmers and confidence leads to success.

The Encyclopedia of Religious Phenomena

This early work by Arthur Conan Doyle was originally published in 1826 and we are now republishing it with a brand new introductory biography as part of our

Professor Challenger series. Arthur Conan Doyle was born in Edinburgh, Scotland, in 1859. It was between 1876 and 1881, while studying medicine at the University of Edinburgh, that he began writing short stories, and his first piece was published in Chambers's Edinburgh Journal before he was 20. In 1887, Conan Doyle's first significant work, A Study in Scarlet, appeared in Beeton's Christmas Annual. It featured the first appearance of detective Sherlock Holmes, the protagonist who was to eventually make Conan Doyle's reputation. A prolific writer, Conan Doyle continued to produce a range of fictional works over the following years. We are republishing these classic works in affordable, high quality, modern editions, using the original text and artwork.

The Bronze-Iron Age of Indonesia

This introductory programming textbook integrates BlueJ with Java. It provides a thorough treatment of object-oriented principles.

The World Book Encyclopedia

A widowed artist. An old crush. One summer to get her life back. Series Complete Ivy Marin's life implodes after discovering that her late husband had spent their life savings on a beach house. Strapped for cash as an art teacher and with nowhere to

go, Ivy and her recently jilted sister head to Summer Beach to recreate their lives. If only renovating a historical home didn't unveil a host of hidden secrets in the beachside community—and the mayor wasn't her former high school crush. Bennett Dylan led a campaign against Ivy's late husband to block the rezoning of the beach house land for a high-rise resort. Although it's been ten years since his wife's death, Bennett is avoiding the pain of loving—and possibly losing—another woman. And then the FBI shows up… Ivy's demands for a zoning variance for a bed-and-breakfast couldn't come at a worse time for him. Despite distractions, Ivy has one summer to sway the town to salvage her livelihood and the new life in Summer Beach she's come to love. With spellbinding intrigue and poignant self-discovery, the Seabreeze Inn is a sweet summer beach read. If you like sun-soaked beach sagas you can lose yourself in, the Seabreeze Inn and Summer Beach's fascinating characters are for you. Start your vacation in Summer Beach now with the Seabreeze Inn trilogy. After that, the Summer Beach fun continues with the new Coral Cottage. (Binge away; this leg of the series is now complete.)

OCA: Oracle Certified Associate Java SE 8 Programmer I Study Guide

Combining the Deitel™ signature Live-Code™ Approach with a new Application-Driven™ methodology, this book uses a step-by-step tutorial approach to begin

teaching the basics of programming, builds upon previously learned concepts, and introduces new programming features in each successive tutorial. KEY TOPICS This comprehensive introduction to Java covers GUI design, swing components, methods, classes, data types, control statements, arrays, object-oriented programming, strings and characters, sequential files and more. It also includes higher-end topics such as database programming, multimedia and graphics, and Web applications development. For individuals beginning their mastery of Java Programming.

Thalaba the Destroyer

Python Projects

"Blue Pelican Java" is a somewhat unusual high school computer science textbook. Most computer science texts will begin with a section on the history of computers followed with a flurry of definitions that are just "so many words" to the average student. The approach here is to first give the student some experience upon which to hang the definitions that come later. The usual practice of introducing classes and objects is deferred until the student has a firm grasp of the fundamentals (loops, decision structures, etc). Thus, the beginning student is not

overwhelmed by the simultaneous introduction of OOPs and the fundamentals. The book includes plenty of exercises (many in "contest" form), programming projects, and a huge appendix.

Riddles in Mathematics

A Text-book of Tanning

Why should you, a competent software developer or programmer, care about your own brand? After all, it's not like you're an actor or musician. In fact, as Success in Programming: How to Gain Recognition, Power, and Influence Through Personal Branding demonstrates in many ways, it's never been more important for you to think about yourself as a brand. Doing so will provide rocket fuel for your career. You'll find better jobs and become the "go-to" person in various situations. You'll become known for your expertise and leadership, and you'll find it easier to strike out on your own. People will seek out your advice and point of view. You'll get paid to speak, write, and consult. What's not to like about becoming a rock star developer? The good news—as Mozilla's senior technology evangelist, Frédéric Harper, writes—is that it's never been easier to improve your skills, stand out, share more quickly, and grow your network. This book provides the tools you need

to build your reputation and enhance your career, starting right now. You'll learn what personal branding is and why you should care about it. You'll also learn what the key themes of a good brand are and where to find the ingredients to build your own, unique brand. Most importantly, you'll understand how to work your magic to achieve your goals and dreams. You'll also learn: How to use sites like StackOverflow and Github to build both your expertise and your reputation How to promote your brand in a way that attracts better-paying jobs, consulting gigs, industry invitations, and contract work How to become visible to the movers and shakers in your specific category of development How to exert power and influence to help yourself and others Success in Programming: How to Gain Recognition, Power, and Influence Through Personal Branding shows you how to scale your skills, gain visibility, make a real impact on people and within organizations, and achieve your goals. There's no need to become a marketing expert or hire a personal branding guru; this book and a desire to grow personally and professionally are all you need to leap to the next level of your career.

Hush

Presents information on machine learning through the use of Apache Mahout, covering such topics as using group data to make individual recommendations, finding logical clusters, and filtering classifications.

Snake Myths

Advanced IQ Tests is for puzzle lovers who are looking for a challenge. This book contains 360 of the most difficult practice questions designed to measure an advanced level of numerical, verbal, and spatial ability, logical analysis, lateral thinking, and problem solving skills. Advanced IQ Tests is useful for someone facing a graduate or managerial selection test, but it is also for those who just want to pit their skills against some of the toughest questions available. It can help anyone increase their brain power by taking on greater mental tasks and challenges.

Visualizing Data

These papers examine the history behind Turkey's application for EU membership. The contributors tackle the thorny issues of Cyprus, Turkey's attitude towards a common defence policy and Turkish parliamentarians' views on the nation's relations with the European Union.

Digitisation Perspectives

The Inequality of Man

Mahout in Action

From a preeminent scholar of Islamic history, the authoritative history of caliphates from their beginnings in the 7th century to the modern day In Caliphate, Islamic historian Hugh Kennedy dissects the idea of the caliphate and its history, and explores how it became used and abused today. Contrary to popular belief, there is no one enduring definition of a caliph; rather, the idea of the caliph has been the subject of constant debate and transformation over time. Kennedy offers a grand history of the caliphate since the beginning of Islam to its modern incarnations. Originating in the tumultuous years following the death of the Mohammad in 632, the caliphate, a politico-religious system, flourished in the great days of the Umayyads of Damascus and the Abbasids of Baghdad. From the seventh-century Orthodox caliphs to the nineteenth-century Ottomans, Kennedy explores the tolerant rule of Umar, recounts the traumatic murder of the caliph Uthman, dubbed a tyrant by many, and revels in the flourishing arts of the golden eras of Abbasid Baghdad and Moorish Andalucí Kennedy also examines the modern fate of the caliphate, unraveling the British political schemes to spur dissent against the Ottomans and the ominous efforts of Islamists, including ISIS, to reinvent the

history of the caliphate for their own malevolent political ends. In exploring and explaining the great variety of caliphs who have ruled throughout the ages, Kennedy challenges the very narrow views of the caliphate propagated by extremist groups today. An authoritative new account of the dynasties of Arab leaders throughout the Islamic Golden Age, Caliphate traces the history-and misappropriations-of one of the world's most potent political ideas.

Answer Book

The Everlasting Man

"Blue Pelican Java" is a somewhat unusual high school computer science textbook. Most computer science texts will begin with a section on the history of computers followed with a flurry of definitions that are just "so many words" to the average student. The approach here is to first give the student some experience upon which to hang the definitions that come later. The usual practice of introducing classes and objects is deferred until the student has a firm grasp of the fundamentals (loops, decision structures, etc). Thus, the beginning student is not overwhelmed by the simultaneous introduction of OOPs and the fundamentals. The book includes plenty of exercises (many in "contest" form), programming projects,

and a huge appendix.

Turkey and the European Union

"Math enthusiasts of all ages will delight in this collection of more than 200 riddles drawn from every mathematical discipline. Only an elementary background is needed to enjoy and solve the tremendous variety of puzzles, which include riddles based on geometry, trigonometry, algebra, infinity, probability, and logic. Includes complete solutions and 113 illustrations"--

Extreme Programming Explained

Provides information on the methods of visualizing data on the Web, along with example projects and code.

Blue Pelican Java

Review and test preparation book for Advanved Placement examinations in computer science

Blue Pelican Java

From sacred mountains and places of pilgrimage to visions and out-of-body travel, this reference explores unusual and unexplained physical events, apparitions, and other phenomena rooted in religious beliefs. Each entry features a balanced presentation and includes a description of the phenomenon, the religious claims surrounding the occurrence, and a scientific response. Touring the world and history, this comprehensive reference includes entries on angels, comets, Marian apparitions, and religious figures such as Jesus, Mohammad, and Lao Tzu.

Be Prepared for the AP Computer Science Exam in Java

Covers everything from earth sciences to astronomy; from climate and habitats to human arts and cultures; from ancient history to cutting-edge technology; and descriptions, flags, and statistics of all the countries in the world.

Simply Java Programming

If the water in which the flour has thus been washed is allowed to stand for a few hours, a white sediment will be found at the bottom of the vessel, while the fluid above will be clear and may be poured off. This white sediment consists of minute grains of starch, each of which, examined with the microscope, will be found to have a concentrically laminated structure. If the fluid from which the starch was

deposited is now boiled it will become turbid, just as white of egg diluted with water does when it is boiled, and eventually a whitish lumpy substance will collect at the bottom of the vessel. This substance is called vegetable albumin.

Putting Knowledge to Work and Letting Information Play

"One of the great things about the book is the way the authors explain concepts very simply using analogies rather than programming examples–this has been very inspiring for a product I'm working on: an audio-only introduction to OOP and software development." –Bruce Eckel "I would expect that readers with a basic understanding of object-oriented programming and design would find this book useful, before approaching design patterns completely. Design Patterns Explained complements the existing design patterns texts and may perform a very useful role, fitting between introductory texts such as UML Distilled and the more advanced patterns books." –James Noble Leverage the quality and productivity benefits of patterns–without the complexity! Design Patterns Explained, Second Edition is the field's simplest, clearest, most practical introduction to patterns. Using dozens of updated Java examples, it shows programmers and architects exactly how to use patterns to design, develop, and deliver software far more effectively. You'll start with a complete overview of the fundamental principles of patterns, and the role of object-oriented analysis and design in contemporary software development. Then, using easy-to-understand sample code, Alan

Shalloway and James Trott illuminate dozens of today's most useful patterns: their underlying concepts, advantages, tradeoffs, implementation techniques, and pitfalls to avoid. Many patterns are accompanied by UML diagrams. Building on their best-selling First Edition, Shalloway and Trott have thoroughly updated this book to reflect new software design trends, patterns, and implementation techniques. Reflecting extensive reader feedback, they have deepened and clarified coverage throughout, and reorganized content for even greater ease of understanding. New and revamped coverage in this edition includes Better ways to start "thinking in patterns" How design patterns can facilitate agile development using eXtreme Programming and other methods How to use commonality and variability analysis to design application architectures The key role of testing into a patterns-driven development process How to use factories to instantiate and manage objects more effectively The Object-Pool Pattern–a new pattern not identified by the "Gang of Four" New study/practice questions at the end of every chapter Gentle yet thorough, this book assumes no patterns experience whatsoever. It's the ideal "first book" on patterns, and a perfect complement to Gamma's classic Design Patterns. If you're a programmer or architect who wants the clearest possible understanding of design patterns–or if you've struggled to make them work for you–read this book.

Accelerating MATLAB Performance

The MATLAB® programming environment is often perceived as a platform suitable for prototyping and modeling but not for "serious" applications. One of the main complaints is that MATLAB is just too slow. Accelerating MATLAB Performance aims to correct this perception by describing multiple ways to greatly improve MATLAB program speed. Packed with thousands of helpful tips, it leaves no stone unturned, discussing every aspect of MATLAB. Ideal for novices and professionals alike, the book describes MATLAB performance in a scale and depth never before published. It takes a comprehensive approach to MATLAB performance, illustrating numerous ways to attain the desired speedup. The book covers MATLAB, CPU, and memory profiling and discusses various tradeoffs in performance tuning. It describes both the application of standard industry techniques in MATLAB, as well as methods that are specific to MATLAB such as using different data types or built-in functions. The book covers MATLAB vectorization, parallelization (implicit and explicit), optimization, memory management, chunking, and caching. It explains MATLAB's memory model and details how it can be leveraged. It describes the use of GPU, MEX, FPGA, and other forms of compiled code, as well as techniques for speeding up deployed applications. It details specific tips for MATLAB GUI, graphics, and I/O. It also reviews a wide variety of utilities, libraries, and toolboxes that can help to improve performance. Sufficient information is provided to allow readers to immediately apply the suggestions to their own MATLAB programs. Extensive references are also included to allow those who wish to expand the treatment of a particular topic to do so easily. Supported by an active website, and numerous

code examples, the book will help readers rapidly attain significant reductions in development costs and program run times.

A Book of Natural History

This book examines various views and perspectives on digitisation. Topics covered include electronic theses, search engine technology, digitisation in Africa, citation indexing, reference services, the Scholarly Publishing and Academic Resources Coalition, new media and scholarly publishing. The final chapter explores virtual libraries, and poses some interesting questions for possible futures. The book will be of particular interest to information professionals, educators, librarians, academics and I.T. and knowledge experts.

Data Algorithms

These collected papers are critical reflections about the rapid digitalization of discourse and culture. This disruptive change in communicative interaction has swept rapidly through major universities, nation states, learned disciplines, leading businesses, and government agencies during the past decade. To commemorate the tenth anniversary of the Center for Digital Discourse and Culture (CDDC) at Virginia Tech, which has been a pioneering leader for many of these changes in

university settings, the contributors to this volume examine the transformative implications of digitalizing discourse and culture inside and outside of the academic arena. These technologies of digitalization have created new communities of users, which are highly engaged with their new communicative possibilities, informational content, and discursive forms. Few have asked what these changes will mean, and many of the most important voices engaged in debates about this critical transformation are gathered here in this volume. Each author in his or her own way considers what accepting digital discourse and informational culture now means for contemporary economies, governments, and societies.

Project Management - Project Management Case Studies

Rosemerry's poetry speaks to our hearts, to our deepest knowing, to being here in each moment. She wakes us up again and again and reminds us that the sacred is right in front of us-in the night sky, in the moist earth, in the leaf at our feet. To be awake in this moment is our deepest potential; these poems bring us here with reverence and joy. Like all great teachers, Rosemerry points the way so clearly that we arrive, having forgotten the finger, and seeing only the moon. -Susie Harrington, meditation teacher, Desert Dharma With Hush, Rosemerry Wahtola Trommer once again turns her attention toward insights gleaned from daily life, trusting that everything we encounter, from evergreens and bluebonnets to

snapdragons and an achy back after shoveling snow, has something to teach us about being human. Throughout each of these exquisite, open-hearted, often sensual poems, she brings us along as she finds a kind of "renegade beauty" wherever she looks. "Let's go outside,", /i> she writes, i."and praise/the light till the light is gone, and then praise the dark," modeling for us just the kind of radical gratitude we need in our literature, and in our lives right now. --James Crews, editor of Healing the Divide: Poems of Kindness and Connection These are not quiet poems-they are forthright meditations on truth and courage, love and loss. They are life itself, revealed with compassion and grace. The poems in Hush speak like a healing meditation, a reminder of the beauty and sustenance in living with hearts and minds open. -Susan J. Tweit, plant biologist and author of Walking Nature Home , br>In these quietly rendered poems, we are invited into the garden, and further into the wilderness-and find ourselves giving praise for that which is mud smudged and lumpy, for the sincerity of wild strawberries, and for the onslaught, which every gardener knows. Here Rosemerry shows us how one might endeavor to be the peace we want in the world. One comes away remembering that tending is at the heart of all healing. Because thorn bush. Because great blue heron. Because puddles. -Wendy Videlock, author of Nevertheless ABOUT THE AUTHOR Rosemerry Wahtola Trommer's poetry has appeared in O Magazine, TEDx, in back alleys, on A Prairie Home Companion and on river rocks she leaves around town. Her poems have been described as "a deep oasis for all who seek to experience the sacred in every moment." Her most recent collection, Naked for Tea, was a

finalist for the Able Muse Poetry Prize. Other recent books include Even Now, The Miracle Already Happening and The Less I Hold. She's included in the acclaimed anthology, Poetry of Presence: An Anthology of Mindfulness Poems, and leads mindfulness poetry discussion groups. She served as San Miguel County's first poet laureate and as Western Slope Poet Laureate (2015-2017) and was a finalist for Colorado Poet Laureate (2019). Since 2006, she's written a poem a day. Favorite themes in her poems include parenting, gardening, the natural world, love, thriving/failure and daily life. She's performed and taught poetry for Think 360, Craig Hospital, Ah Haa School for the Arts, Weehawken Arts, Camp Coca Cola, meditation retreats (with Susie Harrington), 12-step recovery programs, hospice, Deepak Chopra, Shyft, and many other organizations. She is the co-host of Emerging Form, a podcast on creative process (with Christie Aschwanden), co-host of the Talking Gourds Poetry Club (with Art Goodtimes), and co-leader of Secret Agents of Change (with Sherry Richert Belul). Though she earned an MA in English Language & Linguistics at UW-Madison, she still can't effectively pair socks. Favorite one-word mantra: Adjust.

The Handy Science Answer Book

Effective Java

Are you looking for a deeper understanding of the Java™ programming language so that you can write code that is clearer, more correct, more robust, and more reusable? Look no further! Effective Java™, Second Edition, brings together seventy-eight indispensable programmer's rules of thumb: working, best-practice solutions for the programming challenges you encounter every day. This highly anticipated new edition of the classic, Jolt Award-winning work has been thoroughly updated to cover Java SE 5 and Java SE 6 features introduced since the first edition. Bloch explores new design patterns and language idioms, showing you how to make the most of features ranging from generics to enums, annotations to autoboxing. Each chapter in the book consists of several "items" presented in the form of a short, standalone essay that provides specific advice, insight into Java platform subtleties, and outstanding code examples. The comprehensive descriptions and explanations for each item illuminate what to do, what not to do, and why. Highlights include: New coverage of generics, enums, annotations, autoboxing, the for-each loop, varargs, concurrency utilities, and much more Updated techniques and best practices on classic topics, including objects, classes, libraries, methods, and serialization How to avoid the traps and pitfalls of commonly misunderstood subtleties of the language Focus on the language and its most fundamental libraries: java.lang, java.util, and, to a lesser extent, java.util.concurrent and java.io Simply put, Effective Java™, Second Edition, presents the most practical, authoritative guidelines available for writing efficient, well-designed programs.

Success in Programming

An encyclopedia designed especially to meet the needs of elementary, junior high, and high school students.

Guide to Medical Entomology

Focusing 100% on the exam objectives, OCA: Oracle Certified Associate Java SE 8 Programmer I Study Guide is designed to make you fully prepared for this challenging exam. Between Java 7 and Java 8, Oracle has made the biggest changes to the language in a long time. In particular, developers will need to learn functional programming for the first time to pass the certification. This comprehensive study guide covers all of the key topic areas Java programmers will need to be familiar with, including: Java basics Operators, conditionals and loops String and StringBuilder, Array and ArrayList Methods and encapsulation Inheriting abstract classes and interfaces Exceptions Class design Object-Oriented design principles and design patterns Generics and collections Functional programming Advanced strings and localization Exceptions and assertions IO and NIO Threads Concurrency JDBC With this complete Study Guide, Java developers will gain the information, understanding, and practice they need to pass the OCAJP 8 exam.

Advanced IQ Tests

Artificial intelligence (AI) is a field within computer science that is attempting to build enhanced intelligence into computer systems. This book traces the history of the subject, from the early dreams of eighteenth-century (and earlier) pioneers to the more successful work of today's AI engineers. AI is becoming more and more a part of everyone's life. The technology is already embedded in face-recognizing cameras, speech-recognition software, Internet search engines, and health-care robots, among other applications. The book's many diagrams and easy-to-understand descriptions of AI programs will help the casual reader gain an understanding of how these and other AI systems actually work. Its thorough (but unobtrusive) end-of-chapter notes containing citations to important source materials will be of great use to AI scholars and researchers. This book promises to be the definitive history of a field that has captivated the imaginations of scientists, philosophers, and writers for centuries.

Caliphate

Java For Everyone: Compatible with Java 5, 6, and 7, 2nd Edition

The first edition of "Extreme Programming Explained" is a classic. It won awards for its then-radical ideas for improving small-team development, such as having developers write automated tests for their own code and having the whole team plan weekly. Much has changed in five years. This completely rewritten second edition expands the scope of XP to teams of any size by suggesting a program of continuous improvement based on: five core values consistent with excellence in software development; eleven principles for putting those values into action; and, thirteen primary and eleven corollary practices to help you push development past its current business and technical limitations. Whether you have a small team that is already closely aligned with your customers or a large team in a gigantic or multinational organization, you will find in these pages a wealth of ideas to challenge, inspire, and encourage you and your team members to substantially improve your software development.

Summer Beach: Seabreeze Inn

If you are ready to dive into the MapReduce framework for processing large datasets, this practical book takes you step by step through the algorithms and tools you need to build distributed MapReduce applications with Apache Hadoop or Apache Spark. Each chapter provides a recipe for solving a massive computational problem, such as building a recommendation system. You'll learn how to

implement the appropriate MapReduce solution with code that you can use in your projects. Dr. Mahmoud Parsian covers basic design patterns, optimization techniques, and data mining and machine learning solutions for problems in bioinformatics, genomics, statistics, and social network analysis. This book also includes an overview of MapReduce, Hadoop, and Spark. Topics include: Market basket analysis for a large set of transactions Data mining algorithms (K-means, KNN, and Naive Bayes) Using huge genomic data to sequence DNA and RNA Naive Bayes theorem and Markov chains for data and market prediction Recommendation algorithms and pairwise document similarity Linear regression, Cox regression, and Pearson correlation Allelic frequency and mining DNA Social network analysis (recommendation systems, counting triangles, sentiment analysis)

A Book of Discovery: The History of the World's Exploration From the Earliest Times to the Finding of the South Pole

A guide to completing Python projects for those ready to take their skills to the next level Python Projects is the ultimate resource for the Python programmer with basic skills who is ready to move beyond tutorials and start building projects. The preeminent guide to bridge the gap between learning and doing, this book walks readers through the "where" and "how" of real-world Python programming with

practical, actionable instruction. With a focus on real-world functionality, Python Projects details the ways that Python can be used to complete daily tasks and bring efficiency to businesses and individuals alike. Python Projects is written specifically for those who know the Python syntax and lay of the land, but may still be intimidated by larger, more complex projects. The book provides a walk-through of the basic set-up for an application and the building and packaging for a library, and explains in detail the functionalities related to the projects. Topics include: *How to maximize the power of the standard library modules *Where to get third party libraries, and the best practices for utilization *Creating, packaging, and reusing libraries within and across projects *Building multi-layered functionality including networks, data, and user interfaces *Setting up development environments and using virtualenv, pip, and more Written by veteran Python trainers, the book is structured for easy navigation and logical progression that makes it ideal for individual, classroom, or corporate training. For Python developers looking to apply their skills to real-world challenges, Python Projects is a goldmine of information and expert insight.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION