

Big Data For Chimps A Guide To Massive Scale Data Processing In Practice

Your Python code may run correctly, but you need it to run faster. Updated for Python 3, this expanded edition shows you how to locate performance bottlenecks and significantly speed up your code in high-data-volume programs. By exploring the fundamental theory behind design choices, High Performance Python helps you gain a deeper understanding of Python's implementation. How do you take advantage of multicore architectures or clusters? Or build a system that scales up and down without losing reliability? Experienced Python programmers will learn concrete solutions to many issues, along with war stories from companies that use high-performance Python for social media analytics, productionized machine learning, and more. Get a better grasp of NumPy, Cython, and profilers Learn how Python abstracts the underlying computer architecture Use profiling to find bottlenecks in CPU time and memory usage Write efficient programs by choosing appropriate data structures Speed up matrix and vector computations Use tools to compile Python down to machine code Manage multiple I/O and computational operations concurrently Convert multiprocessing code to run on local or remote clusters Deploy code faster using tools like Docker

The well-known English zoologist describes her early interest in animals and how this led to her study of chimpanzees at the Gombe Stream Reserve in Tanzania.

NEW YORK TIMES BESTSELLER Now Elizabeth Hess's unforgettable biography is the inspiration for Project Nim, a riveting new documentary directed by James Marsh and produced by Simon Chinn, the Oscar-winning team known for Man on Wire. Hess, a consultant on the film, says, "Getting a call from James Marsh and Simon Chinn is an author's dream. Project Nim is nothing short of amazing." Could an adorable chimpanzee raised from infancy by a human family bridge the gap between species—and change the way we think about the boundaries between the animal and human worlds? Here is the strange and moving account of an experiment intended to answer just those questions, and the astonishing biography of the chimp who was chosen to see it through. Dubbed Project Nim, the experiment was the brainchild of Herbert S. Terrace, a psychologist at Columbia University. His goal was to teach a chimpanzee American Sign Language in order to refute Noam Chomsky's assertion that language is an exclusively human trait. Nim Chimpsky, the baby chimp at the center of this ambitious, potentially groundbreaking study, was "adopted" by one of Dr. Terrace's graduate students and brought home to live with her and her large family in their elegant brownstone on the Upper West Side of Manhattan. At first Nim's progress in learning ASL and adapting to his new environment exceeded all expectations. His charm, mischievous sense of humor, and keen, sometimes shrewdly manipulative understanding of human nature endeared him to everyone he met, and even led to guest appearances on Sesame Street, where he was meant to model good behavior for toddlers. But no one had thought through the long-term consequences of raising a chimp in the human world, and when funding for the study ran out, Nim's problems began. Over the next two decades, exiled from the people he loved, Nim was rotated in and out of various facilities. It would be a long time before this chimp who had been brought up to identify with his human caretakers had another opportunity to blow out the candles on a cake celebrating his birthday. No matter where he was sent, however, Nim's hard-earned ability to converse with humans would prove to be his salvation, protecting him from the fate of many of his peers. Drawing on interviews with the people who lived with Nim, diapered him, dressed him, taught him, and loved him, Elizabeth Hess weaves an unforgettable tale of an extraordinary and charismatic creature. His story will move and entertain at the same time that it challenges us to ask what it means to be human, and what we owe to the animals who so enrich our lives.

Making Coding and Machine Learning Fun: Use Your Evolutionary History to Your Advantage, Learn All About AI & Have a Blast Doing So! Would you like to explore the exciting world of AI and machine learning without boring examples? What if I said you can learn and master these subjects and laugh at the same time? What if I told you that you evolved to code? Stone Age Code illustrates the evolution of improbable data scientists. Shane Neeley, the author of this exceptional book, shows the easiest and funniest approach to learning to code. Praise for Stone Age Code: "The book is simply brilliant and genuine, so friendly and stimulating!" — Emiliano Bruner, Ph.D., Hominid Paleoneurology Researcher, Centro Nacional de Investigación sobre la Evolución Humana (Spain) "A charming, informative, and thought-provoking read." — Adam Cornford, poet, journalist, and a great-great-grandson of Charles Darwin. "My overall impression as a lifelong professor of literature is that this book is engaging, humorous, thought-provoking, creatively written, and artistically inspired." — Alwin Baum, Ph.D., Professor of Literature, California State University Throughout this book, you will gain an understanding of deep learning with neural nets, natural language generation, and AI art. But don't worry; as technical as it may sound, Shane Neeley delivers these complex topics in an entertaining manner. Contrary to popular belief, you can code even if you're bad at math. Containing no equations or code, this book still teaches machine learning literacy, and in an amusing way. Now's your chance to become an AI forefather to future generations. Or just become inspired to build a funny robot that says strange things! Computational creativity and humor is here and fun to play with. Here's a small preview into chapters of this unique book: Chapter 1: A Greater Ape Approaches Chapter 2: Natural Language Selection Chapter 4: How to Rear Machines (Part 1) Chapter 6: You Don't Need Permission Chapter 10: Computational Creativity and the AI's Audience Chapter 13: First Deployment Chapter 14: Monkey Business Strategy Chapter 15: Being an AI's Dad And much more! (20 chapters and 18 robot-written excerpts in total) Fake Praise for Stone Age Code, written by AI: "Shane Neeley, data scientist, biologist, and bestselling author of High Frequency and Data Density, answers each and every AI question you've ever asked." — Acclaim-Writing-Robot "Book of the year (so far)." — Acclaim-Writing-Robot "Read it, laugh at it, and move on." — Acclaim-Writing-Robot Scroll up, click on "Buy", and Get Your Copy Now!

When We Are No More

The Origins of AIDS

The Goodness Paradox

Almost Us

Managing and Processing Big Data in Cloud Computing

The Third Chimpanzee

40 Years of Research

Little Chicken is tired of being told what to do by Big Chicken, but when they become separated he misses all of the clucking.

What is the future of the forty-thousand year old project of human memory?

Focusing on the cutting-edge applications of AI cognitive computing from neuromorphic to quantum cognition as applied to AI business analytics, this new volume explores AI's importance in managing cognitive processes along with ontological modeling concepts for venturing into new business frontiers. The volume presents a selection of significant new accomplishments in the areas of AI cognitive computing ranging from neurocognition perception and decision-making in the human brain—combining neurocognitive techniques and effective computing—to basic facial recognition computing models. Topics include: Agent neurocomputing techniques for facial expression recognition Computing haptic motion and ontology epistemic Characterizations of morph schemas for visual analytics Learning and perceptive computing Functional and structural neuroimaging modeling Observed links between facial recognition and affective emotional processes Interaction of cognitive and emotional processes during social decision-making Neurocognitive processing of emotional facial expressions in individuals Neurocognitive affective system for emotive robot androids Virtual reality-based affect adaptive neuromorphic computing Executive surveys indicate that cognitive adoption is very important in business strategy for success and to remain competitive. Employing cognitive-based processes provides the way to get the right information in the right hands at the right time, which is the key to winning in the digital era and to driving business value that emphasizes competitive differentiation. Several chapters of the volume address the goal of using cognitive technology to improve search capabilities, to provide personalized customer service in business and in health and wellness, and to create better workflow management. Key features: Looks at the newest frontiers on very popular AI and analytics topics Discusses new techniques for visual analytics and data filtering Shows how AI and cognitive science merges with quantum neurocognitive computing Presents ontology models with ontology preservation data filtering techniques Provides a cross-transposition on AI and digitizations for business model innovations Artificial Intelligence and Computing Logic: Cognitive Technology for AI Business Analytics is a valuable resource that informs businesses and other enterprises the value of artificial intelligence and computing logic applications.

Every year, perhaps even every week, there is some new gadget, device, service, or other digital offering intended to make our lives easier, better, more fun, or more instantaneous--making it that much harder to question how anything digital can be bad for us. Digital has created some wonderful things and we can hardly imagine life without them. But digital—the most relentless social and economic juggernaut humanity has unleashed in centuries—is also destroying much we had taken for granted. And what is your place in this brave new world? In Digital Is Destroying Everything, futurist and digital marketing consultant Andrew Edwards tours the “blasted heath” digital is leaving behind and takes a fearless look at the troubled landscape that may lie ahead. The book is not, despite its title, a dystopian rant against all things digital and technological. Instead, expect to find a lively investigation into the ways digital has opened us to new and sometimes quite wonderful experiences, driven down costs for consumers, and given information a chance to be free. But the book also takes a clear-eyed look at many of the good (and sometimes bad) things—businesses and behaviors—digital has destroyed, and how the world may be diminished, compromised, and altered forever in its wake. This tour of the effects of digital technologies on our lives is sure to raise questions, touch a nerve, and enlighten even the most dedicated digital enthusiasts. Digital has created some wonderful things and we can hardly imagine life without them. But digital—the most relentless social and economic juggernaut humanity has unleashed in centuries—is also destroying much we had taken for granted. And what is your place in this brave new world? In Digital Is Destroying Everything, futurist and digital marketing consultant Andrew Edwards tours the “blasted heath” digital is leaving behind and takes a fearless look at the troubled landscape that may lie ahead. The book is not, despite its title, a dystopian rant against all things digital and technological. Instead, expect to find a lively investigation into the ways digital has opened us to new and sometimes quite wonderful experiences, driven down costs for consumers, and given information a chance to be free. But the book also takes a clear-eyed look at many of the good (and sometimes bad) things—businesses and behaviors—digital has destroyed, and how the world may be diminished, compromised, and altered forever in its wake. This tour of the effects of digital technologies on our lives is sure to raise questions, touch a nerve, and enlighten even the most dedicated digital enthusiasts.

Building Data Analytics Applications with Hadoop

Agile Data Science

Congressional Record

The Tiger Cubs and the Chimp

Servamus

Through a Window

The Chimp Who Would Be Human

At age thirteen, best friends Ronnie and Joey suddenly feel like chimps--long armed, big eared, and gangly--and when the coach humiliates Joey in front of a girl, he climbs up a tree and refuses to come

down, forcing Ronnie to court the girl on his behalf.

Dan Lieberman has written an innovative, exhaustively researched and carefully argued book dealing with the evolution of the human head. In it he addresses three interrelated questions. First, why does the human head look the way it does? Second, why did these transformations occur? And third, how is something as complex and vital as the head so variable and evolvable? This book addresses these questions in three sections. The first set of chapters review how human and ape heads grow, both in terms of individual parts (organs and regions) and as an integrated whole. The second section reviews how the head performs its major functions: housing the brain, chewing, swallowing, breathing, vocalizing, thermoregulating, seeing, hearing, tasting, smelling, and balancing during locomotion. The final set of chapters review the fossil evidence for major transformations of the head during human evolution from the divergence of the human and ape lineages through the origins of Homo sapiens. These chapters use developmental and functional insights from the first two sections to speculate on the developmental and selective bases for these transformations.

This book's key purpose is to contribute to the ongoing "theoretical" discussion in the field of international relations (IR) concerning the status of grand theories. However, it also has a wider, critical mission: to challenge mainstream social science and its dominant methodology, as well as the unfettered optimism that the problem of social order can be solved by the "application" of scientific knowledge to our practical problems. The author uses rigorous philosophical analysis to focus on the unexamined assumptions that form the bedrock of many contemporary scholars in IR and demonstrates the unavailability of a universal "scientific" procedure for finding the facts, when we face practical choices and issues of social reproduction. This book will be of interest to upper-level students of IR, sociology, history, and philosophy of science; it will also speak to students of security, foreign policy making, migration, and political economy, in addressing the basis of their attitudes in thinking about the world and the role of scholarship.

A renowned scientist examines the less than two percent of human genes that distinguish us from chimpanzees and that link human behaviors--such as genocide, drug addiction, and the extermination of other species--to our animal predecessors

My Life with the Chimpanzees

After Theory, Before Big Data

Mama's Last Hug: Animal Emotions and What They Tell Us about Ourselves

Plagues upon the Earth

The Chimpanzees of Bossou and Nimba

What the Tech Giants Won't Tell You about How Robots, Big Data, and Algorithms Are Radically Remaking Your Future

Primates, Predators, and Human Evolution, Expanded Edition

The history of research into the lives of wild chimpanzees now spans more than a half-century since Jane Goodall began it all. The past 20 years have seen tremendous advances in our understanding of our closest kin. These include revelations about our very similar genomes, but also many new discoveries about social behavior and ecology. New cultural traditions and forms of tool use, new evidence for the causes of violence, new evidence of patterns of hunting and meat-eating, and much more. Chimpanzees are new and different apes than they were at the close of the last century. The New Chimpanzee synthesizes the findings of the past 20 years and offers new insights and interpretations of what researchers have learned. The New Chimpanzee draws from results of the 7 longest term (25-55 years) research projects from which we've learned the most about the species, augmented by other shorter field projects conducted in recent years, including my own.--

New York Times best-selling author and primatologist Frans de Waal explores the fascinating world of animal and human emotions.

Frans de Waal has spent four decades at the forefront of animal research. Following up on the best-selling Are We Smart Enough to Know How Smart Animals Are?, which investigated animal intelligence, Mama's Last Hug delivers a fascinating exploration of the rich emotional lives of animals. Mama's Last Hug begins with the death of Mama, a chimpanzee matriarch who formed a deep bond with biologist Jan van Hooff. When Mama was dying, van Hooff took the unusual step of visiting her in her night cage for a last hug. Their goodbyes were filmed and went viral. Millions of people were deeply moved by the way Mama embraced the professor, welcoming him with a big smile while reassuring him by patting his neck, in a gesture often considered typically human but that is in fact common to all primates. This story and others like it form the core of de Waal's argument, showing that humans are not the only species with the capacity for love, hate, fear, shame, guilt, joy, disgust, and empathy. De Waal discusses facial expressions, the emotions behind human politics, the illusion of free will, animal sentience, and, of course, Mama's life and death. The message is one of continuity between us and other species, such as the radical proposal that emotions are like organs: we don't have a single organ that other animals don't have, and the same is true for our emotions. Mama's Last Hug opens our hearts and minds to the many ways in which humans and other animals are connected, transforming how we view the living world around us.

An updated edition of Jacques Pépin's acclaimed account of the events that transformed a chimpanzee virus into a global pandemic.

A sweeping germ's-eye view of history from human origins to global pandemics Plagues upon the Earth is a monumental history of humans and their germs. Weaving together a grand narrative of global history with insights from cutting-edge genetics, Kyle Harper

explains why humanity's uniquely dangerous disease pool is rooted deep in our evolutionary past, and why its growth is accelerated by technological progress. He shows that the story of disease is entangled with the history of slavery, colonialism, and capitalism, and reveals the enduring effects of historical plagues in patterns of wealth, health, power, and inequality. He also tells the story of humanity's escape from infectious disease—a triumph that makes life as we know it possible, yet destabilizes the environment and fosters new diseases. Panoramic in scope, *Plagues upon the Earth* traces the role of disease in the transition to farming, the spread of cities, the advance of transportation, and the stupendous increase in human population. Harper offers a new interpretation of humanity's path to control over infectious disease—one where rising evolutionary threats constantly push back against human progress, and where the devastating effects of modernization contribute to the great divergence between societies. The book reminds us that human health is globally interdependent—and inseparable from the well-being of the planet itself. Putting the COVID-19 pandemic in perspective, *Plagues upon the Earth* tells the story of how we got here as a species, and it may help us decide where we want to go.

High Performance Python

Little Chicken's Big Day

Digital Is Destroying Everything

Mercy on These Teenage Chimps

How Digital Memory Is Shaping Our Future

The Chimp Paradox

A provocative view of human evolution that contends early humans occupied a far more vulnerable position in the food chain than we like to imagine.

From the website: Although the IUCN has previously established working protocols for plant and animal re-introduction, the great apes present unique challenges and concerns owing to their singular cognitive development. This prompted the Primate Specialist Group to reconsider the existing guidelines in terms of the specific needs of great apes. The resulting synthesis, representing the expert opinion of primatologists and re-introduction practitioners, is presented here as part of the series of best-practices documents.

Specifically designed for rehabilitators and specialists in re-introduction, these guidelines start from the fundamental assumption that re-introductions should not endanger wild populations of great apes or the ecosystems they inhabit. Equally important is the health and welfare of the individual great apes being re-introduced, as well as the caretaker staff and the residents of the surrounding areas. The re-introduction guidelines also require that the factors which first threatened great apes in the proposed site of release have been addressed and resolved.

Mining big data requires a deep investment in people and time. How can you be sure you're building the right models? With this hands-on book, you'll learn a flexible toolset and methodology for building effective analytics applications with Hadoop. Using lightweight tools such as Python, Apache Pig, and the D3.js library, your team will create an agile environment for exploring data, starting with an example application to mine your own email inboxes. You'll learn an iterative approach that enables you to quickly change the kind of analysis you're doing, depending on what the data is telling you. All example code in this book is available as working Heroku apps. Create analytics applications by using the agile big data development methodology Build value from your data in a series of agile sprints, using the data-value stack Gain insight by using several data structures to extract multiple features from a single dataset Visualize data with charts, and expose different aspects through interactive reports Use historical data to predict the future, and translate predictions into action Get feedback from users after each sprint to keep your project on track

Finding patterns in massive event streams can be difficult, but learning how to find them doesn't have to be. This unique hands-on guide shows you how to solve this and many other problems in large-scale data processing with simple, fun, and elegant tools that leverage Apache Hadoop. You'll gain a practical, actionable view of big data by working with real data and real problems. Perfect for beginners, this book's approach will also appeal to experienced practitioners who want to brush up on their skills. Part I explains how Hadoop and MapReduce work, while Part II covers many analytic patterns you can use to process any data. As you work through several exercises, you'll also learn how to use Apache Pig to process data. Learn the necessary mechanics of working with Hadoop, including how data and computation move around the cluster Dive into map/reduce mechanics and build your first map/reduce job in Python Understand how to run chains of map/reduce jobs in the form of Pig scripts Use a real-world dataset—baseball performance statistics—throughout the book Work with examples of several analytic patterns, and learn when and where you might use them

Disease and the Course of Human History

Chimpanzees and Human Evolution

Practical Performant Programming for Humans

Nim Chimpsky

Cognitive Technology for AI Business Analytics

Stone Age Code

The Strange Relationship Between Virtue and Violence in Human Evolution

An engaging account of the research and key findings on Tai chimpanzees to celebrate the 40th anniversary of this project.

The chimpanzees of Bossou in Guinea, West Africa, form a unique community which displays an exceptional array of tool use behaviors and behavioral adaptations to coexistence with humans. This volume has contributed more than three decades of data to the field of cultural primatology, especially chimpanzees' flexible use of stones to crack open nuts and of perishable tools during foraging. The special contribution of the long-term research at Bossou and more recent studies in surrounding areas, particularly in the Nimba Mountains and the forest of Diécké, to our understanding of cognitive development, lithic technology and culture. This compilation of research principally strives to uncover the complexity of the mind and behavioral flexibility of our closest living relatives. It is a necessity for ongoing efforts to conserve chimpanzees in the region. Chimpanzees have shed more light on our evolutionary origins than any other extant species in the world, yet their numbers are declining. In that sense, the Bossou chimpanzees and their neighbors clearly embody an invaluable cultural heritage for humanity as a whole. Readers can enjoy video clips illustrating unique behaviors of Bossou chimpanzees on the DVD accompanying the hardcover or at a dedicated website described in the softcover.

Big Data for Chimps A Guide to Massive-Scale Data Processing in Practice "O'Reilly Media, Inc."

You're sitting on a pile of interesting data. How do you transform that into money? It's easy to focus on the contents of the data itself, and to succumb to the (rather unimaginative) idea of simple forms. While that's certainly profitable right now, you'd do well to explore other opportunities if you expect to be in the data business long-term. In this paper, we'll share a framework we developed to show you how to think beyond pure collection and storage, to move up the value chain and consider longer-term opportunities.

Policy Analysis in the United States

Man the Hunted

Big Data for Chimps

Building Full-Stack Data Analytics Applications with Spark

Business Models for the Data Economy

The True Story of How Anjana the Chimp Helped Raise Two Baby Tigers

Portraits of the Apes

Your inner Chimp can be your best friend or your worst enemy...this is the Chimp Paradox Do you sabotage your own happiness and success? Are you struggling to make sense of yourself? Do your emotions sometimes dictate your life? Dr. Steve Peters explains that we all have a being within our minds that can wreak havoc on every aspect of our lives—be it business or personal. He calls this being "the chimp," and it can work either for you or against you. The challenge comes when we try to tame the chimp, and persuade it to do our bidding. The Chimp Paradox contains an incredibly powerful mind management model that can help you be happier and healthier, increase your confidence, and become a more successful person. This book will help you to: —Recognize how your mind is working —Understand and manage your emotions and thoughts —Manage yourself and become the person you would like to be Dr. Peters explains the struggle that takes place within your mind and then shows you how to apply this understanding. Once you're armed with this new knowledge, you will be able to utilize your chimp for good, rather than letting your chimp run rampant with its own agenda.

To help you answer big data questions, this unique guide shows you how to use simple, fun, and elegant tools leveraging Apache Hadoop. You'll learn how to break problems into efficient data transformations to meet most of your analysis needs. Its developer-friendly approach works well for anyone using Hadoop, and flattens the learning curve for those working with big data for the first time. Written by Philip Kromer, founder and CTO at Infochimps, this book uses real data and real problems to illustrate patterns found across knowledge domains. It equips you with a fundamental toolkit for performing statistical summaries, text mining, spatial and time-series analysis, and light machine learning. For those working in an elastic cloud environment, you'll learn superpowers that make exploratory analytics especially efficient. Learn from detailed example programs that apply Hadoop to interesting problems in context Gain advice and best practices for efficient software development Discover how to think at scale by understanding how data must flow through the cluster to effect transformations Identify the tuning knobs that matter, and rules-of-thumb to know when they're needed

This guide is an ideal learning tool and reference for Apache Pig, the programming language that helps programmers describe and run large data projects on Hadoop. With Pig, they can analyze data without having to create a full-fledged application--making it easy for them to experiment with new data sets.

"Highly accessible, authoritative, and intellectually provocative, a startlingly original theory of how Homo sapiens came to be: Richard Wrangham forcefully argues that, a quarter of a million years ago, rising intelligence among our ancestors led to a unique new ability with unexpected consequences: our ancestors invented socially sanctioned capital punishment, facilitating domestication, increased cooperation, the accumulation of culture, and ultimately the rise of civilization itself. Throughout history even as quotidian life has exhibited calm and tolerance war has never been far away, and even within societies violence can be a threat. The Goodness Paradox gives a new and powerful argument for how and why this uncanny combination of peacefulness and violence crystallized after our ancestors acquired language in Africa a quarter of a million years ago. Words allowed the sharing of intentions that enabled men effectively to coordinate their actions. Verbal conspiracies paved the way for planned conflicts and, most importantly, for the uniquely human act of capital punishment. The victims of capital punishment tended to be aggressive men, and as their genes waned, our ancestors became tamer. This ancient form of systemic violence was critical, not only encouraging cooperation in peace and war and in culture, but also for making us who we are: Homo sapiens"--

The Chimps of Fauna Sanctuary

The Evolution and Future of the Human Animal

The Evolution of the Human Head

Proceedings and Debates of the ... Congress

The Mind Management Program to Help You Achieve Success, Confidence, and Happiness

Programming Pig

Artificial Intelligence and Computing Logic

This book traces out the life and career of Jane Goodall as a watcher of English fauna to her adult work as scholar of animal behavior in Africa.

Policy Analysis in the United States brings together contributions from some of the world's leading scholars and practitioners of public policy analysis including Beryl Radin, David W. Rebec, Rebecca Maynard, Laurence Lynn, and Guy Peters. This volume represents an indispensable companion to other volumes in the International Library of Policy Analysis series, enabling scholars to compare cross-nationally concepts and practices of public policy analysis in the media, sub-national governments, and many more institutional settings. The volume represents an invaluable contribution to public policy analysis and can be used widely in teaching at both graduate and undergraduate levels in schools of public affairs and public policy as well as in comparative politics and policy.

Knowledge of wild chimpanzees has expanded dramatically. This volume, edited by Martin Muller, Richard Wrangham, and David Pilbeam, brings together scientists who are leading a revolution to discover and explain human uniqueness, by studying our closest living relatives. Their conclusions may transform our understanding of human evolution.

The renowned British primatologist continues the "engrossing account" of her time among the chimpanzees of Gombe, Tanzania (Publishers Weekly). In her classic, *In the Shadow of Man*, Jane Goodall wrote of her first ten years at Gombe. In *Through a Window* she continues the story, painting a more complete and vivid portrait of our closest relatives. On the shores of Tanganyika, Gombe is a community where the principal residents are chimpanzees. Through Goodall's eyes we watch young Figan's relentless rise to power and old Mike's crushing defeat. We learn how one mother rears her children to succeed and another dooms hers to failure. We witness horrifying murders, touching moments of affection, joyous births, and wrenching deaths. As Goodall compellingly tells the story of this intimately intertwined community, we are shown human emotions stripped to their essence. In the mirror of chimpanzee life, we see ourselves reflected. "A humbling and exalting book . . . Ranks with the great scientific achievements of the twentieth century." —The Washington Post "[An] absolutely smashing account . . . affectionate, intelligent—a classic." —Kirkus Reviews, starred review

Jane Goodall's Life With the Chimps

Thinking about Praxis, Politics and International Affairs

The New Chimpanzee

BIG DATA FOR CHIMPS A GUIDE TO MASSIVE SCALE DATA PROCESSING.

A Twenty-First-Century Portrait of Our Closest Kin

The Watcher

The Chimpanzees of the Tai Forest

The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in *The Debates and Proceedings in the Congress of the United States (1789-1824)*, the *Register of Debates in Congress (1824-1837)*, and the *Congressional Globe (1833-1873)*

Big data has presented a number of opportunities across industries. With these opportunities come a number of challenges associated with handling, analyzing, and storing large data sets. One solution to this challenge is cloud computing, which supports a massive storage and computation facility in order to accommodate big data processing. *Managing and Processing Big Data in Cloud Computing* explores the challenges of supporting big data processing and cloud-based platforms as a proposed solution. Emphasizing a number of crucial topics such as data analytics, wireless networks, mobile clouds, and machine learning, this publication meets the research needs of data analysts, IT professionals, researchers, graduate students, and educators in the areas of data science, computer programming, and IT development.

The "moving" true story of a woman fighting to give a group of chimpanzees a second chance at life (People). In 1997, Gloria Grow started a sanctuary for chimps retired from biomedical research on her farm outside Montreal. For the indomitable Gloria, caring for thirteen great apes is like presiding over a maximum-security prison, a Zen sanctuary, an old folks' home, and a New York deli during the lunchtime rush all rolled into one. But she is first and foremost creating a refuge for her troubled charges, a place where they can recover and begin to trust humans again. Hoping to win some of this trust, journalist Andrew Westoll spent months at Fauna Farm as a volunteer, and in this "incisive [and] affecting" book, he vividly recounts his time in the chimp house and the histories of its residents (Kirkus Reviews). He arrives with dreams of striking up an immediate friendship with the legendary Tom, the wise face of the Great Ape Protection Act, but Tom seems all too content to ignore him. Gradually, though, old man Tommie and the rest of the "troop" begin to warm toward Westoll as he learns the routines of life at the farm and realizes just how far the chimps have come. Seemingly simple things like grooming, establishing friendships and alliances, and playing games with the garden hose are all poignant testament to the capacity of these animals to heal. Brimming with empathy and entertaining stories of Gloria and her charges, *The Chimps of Fauna Sanctuary* is an absorbing, bighearted book that grapples with questions of just what we owe to the animals who are our nearest genetic relations. "A powerful look at how we treat our closest relatives." —The Plain Dealer "I knew the prison-like conditions of the medical research facility from which Gloria rescued these chimpanzees; when I visited them at their new sanctuary I was moved to tears. . . . Andrew Westoll is a born storyteller: *The Chimps of Fauna Sanctuary*, written with empathy and skill, tenderness and humour, involves us in a world few understand. And leaves us marveling at the ways in which chimpanzees are so like us, and why they deserve our help and are entitled to our respect." —Dr. Jane Goodall "This book

will make you think deeply about our relationship with great apes. It amazed me to discover the behaviors and feelings of the chimpanzees.” —Temple Grandin, author of *Animals in Translation*

Data science teams looking to turn research into useful analytics applications require not only the right tools, but also the right approach if they’re to succeed. With the revised second edition of this hands-on guide, up-and-coming data scientists will learn how to use the Agile Data Science development methodology to build data applications with Python, Apache Spark, Kafka, and other tools. Author Russell Journey demonstrates how to compose a data platform for building, deploying, and refining analytics applications with Apache Kafka, MongoDB, Elasticsearch, d3.js, scikit-learn, and Apache Airflow. You’ll learn an iterative approach that lets you quickly change the kind of analysis you’re doing, depending on what the data is telling you. Publish data science work as a web application, and affect meaningful change in your organization. Build value from your data in a series of agile sprints, using the data-value pyramid Extract features for statistical models from a single dataset Visualize data with charts, and expose different aspects through interactive reports Use historical data to predict the future via classification and regression Translate predictions into actions Get feedback from users after each sprint to keep your project on track

A True Story of Resilience and Recovery

Agile Data Science 2.0

My Thirty Years with the Chimpanzees of Gombe

A Guide to Massive-Scale Data Processing in Practice

From Monkey Business to AI

Best Practice Guidelines for the Re-Introduction of Great Apes

When two baby white tigers on an animal preserve get into trouble during a storm, they are taken in by a human animal worker named China and her helper, a chimpanzee named Anjana. China and Anjana soon become the tigers' mothers, playing and cuddling with the cubs as they grow big and strong. Set on a preserve for endangered animals, The Institute of Greatly Endangered and Rare Species (T.I.G.E.R.S.), Anjana's amazing true story showcases her surprising love for two adorable tiger cubs.