

## *The Meta Model Demystified Learn The Keys To Creating Powerful Conversational Change With Nlp*

Create learning experiences that transform not only learning, but life itself. Learn about, improve, and expand your world of learning. This hands-on companion to the runaway best-seller, **Deep Learning: Engage the World Change the World**, provides an essential roadmap for building capacity in teachers, schools, districts, and systems to design deep learning, measure progress, and assess conditions needed to activate and sustain innovation. Loaded with tips, tools, protocols, and real-world examples, the easy-to-use guide has everything educators need to construct and drive meaningful deep learning experiences that give purpose, unleash student potential, and prepare students to become problem-solving change agents in a global society.

""The next generation of systems and practices in journalism will require knowledge beyond online editing techniques, aggregation, social media flow and assumptions about fake news. The profession may also want to aim for ethical practices in journalism to be embedded in algorithms for new systems. Engagement in an early design phase may also be useful for scoping reforms for online and social media legislation. However, these pursuits require higher levels of understanding about backend data and online systems, and development of formal vocabulary for journalism concepts and practices. This new domain knowledge should also be expressed in ontological models, informed by participatory approaches. Some problems to be addressed include editorial control issues and fair distribution of news stories and other challenges of data and online systems. Problematic issues should also include the lack of transparency in corporate data sharing arrangements. The semantic language for future systems for journalism will be distinctly different from the vocabulary and classifications used for online news tags. It will also need to distinguish the vocabulary for social media things in context of journalism. Most importantly, the design of new systems will need participatory and semantic design methods that can support the need for high-level knowledge of data and semantic search methods. The influence of social media partnerships in news and backend data sharing are other problem areas. Data via integrated media systems in news organisations flows onto cloud servers where it is processed with a myriad of methods. These hubs are for the new generation of data sharing, where large volumes of data are sorted and processed at accelerated speeds, for a range of purposes. Cloud servers are now literally the highest levels of digital convergence, other than legislation, and the latter is lagging. This is where data is shared for advertising, social media benefits and other domain purposes. Integrated media systems bring benefits for global networked news media organisations, but they also enable more monetisation of data via cloud servers. ""--

**Magic Words and Language Patterns** is a powerful, highly useful book, the first in the **SCRIPTLESS HYPNOSIS HANDBOOK** series. Hypnotists of all levels of experience will be able to expand their skills to new heights to create the most effective sessions and the most profitable practices. "Magic Words teaches you how to work without scripts, spontaneously and effortlessly in hypnosis and in your life." Michael Watson, International Hypnosis and NLP Trainer and Past President Hypnosis Education Association "Any serious hypnotist or therapist **MUST** read this book if they want to increase their influence and help more people." Dr. William Horton, author of **The Secret Psychology of Persuasion** "Magic Words is a must read for anyone who wants to really motivate themselves or others." Shelley Stockwell-Nicholas, PhD President- International Hypnosis Federation "This is a wonderful handbook for all Certified Instructors to offer their hypnosis students. Karen expertly anchors skills as she teaches the concepts." Larry Garrett BCH, OB Owner Garrett Hypnosis and Wellness Center "This book is captivating! Erika Flint, CEO Cascade Hypnosis Center Karen Hand, an award-winning Board Certified Hypnotist, Educator and World-Class Communicator, has helped thousands of people take control of their lives and trained countless hypnotists to help others make a change for good. Visit [www.karenhand.com](http://www.karenhand.com).

If you are one of the millions of people who have already discovered the power of NLP, **Neuro-linguistic Programming Workbook For Dummies** will allow you to perfect its lessons on how to think more positively and communicate more effectively with others. This workbook is packed with hands-on exercises and practical techniques to help you make the most of NLP's toolkit for new thinking and personal change. These can have an impact on many aspects of your life: from helping you change your negative beliefs, to building rapport and influencing others, to taking charge of the direction your life is taking. Take your understanding of NLP to the next level, and reap the benefits. **Neuro-linguistic Programming Workbook For Dummies** includes: **Getting Your Mindset Right with NLP Setting Sound Goals Recognising Your Unconscious Values Recognising How You Distort Thinking Developing Personal Rapport Managing Your Emotions and Experiences Changing Habits and Modeling Success Recognizing What Works Adapting Language with Metamodeling and the Milton Model**

**Active Inference**

**Psychological Skills for Understanding and Influencing People**

**Exploring the Structure and Meaning of Language**

**Seven Research-Based Principles for Smart Teaching**

**SysML Distilled**

**Neuro-Linguistic Programming Workbook For Dummies**

This book addresses the point of intersection between cognition, metacognition, and culture in learning and teaching Science, Technology, Engineering, and Mathematics (STEM). We explore theoretical background and cutting-edge research about how various forms of cognitive and metacognitive instruction may enhance learning and thinking in STEM classrooms from K-12 to university and in different

cultures and countries. Over the past several years, STEM education research has witnessed rapid growth, attracting considerable interest among scholars and educators. The book provides an updated collection of studies about cognition, metacognition and culture in the four STEM domains. The field of research, cognition and metacognition in STEM education still suffers from ambiguity in meanings of key concepts that various researchers use. This book is organized according to a unique manner: Each chapter features one of the four STEM domains and one of the three themes—cognition, metacognition, and culture—and defines key concepts. This matrix-type organization opens a new path to knowledge in STEM education and facilitates its understanding. The discussion at the end of the book integrates these definitions for analyzing and mapping the STEM education research. Chapter 4 is available open access under a Creative Commons Attribution 4.0 International License via [link.springer.com](http://link.springer.com)

Brand new, thoroughly revised and expanded 2nd edition - over 80 pages of new material! The Meta Model was the first model that led to NLP, it is the skeleton that the rest of the NLP Model hangs around. It is an incredibly powerful tool for consultants, trainers, coaches and therapists to radically improve their ability to create change in their clients. However, there have been very few attempts to clarify the Meta Model or frame it in a more useful and comprehensible manner, and many NLP books and trainings regurgitate the same old stuff from outdated and outmoded source material. The Meta Model Demystified thoroughly updates the language patterns and explains how to use the Meta Model to create seemingly magical change simply and easily. This expanded and completely revised 2nd edition includes: The key concepts that lead to the development of the Meta Model. A totally reconfigured explanation of the classic language patterns. Examples of using the Meta Model in various contexts. Sample questions. Hints and tips to master the Meta Model. PLEASE NOTE: This book assumes a basic and general understanding of Neuro-linguistic Programming (NLP)"

The Meta Model Demystified Learn the Keys to Creating Powerful Conversational Change with Nlp CreateSpace

Now that people are aware that data can make the difference in an election or a business model, data science as an occupation is gaining ground. But how can you get started working in a wide-ranging, interdisciplinary field that's so clouded in hype? This insightful book, based on Columbia University's Introduction to Data Science class, tells you what you need to know. In many of these chapter-long lectures, data scientists from companies such as Google, Microsoft, and eBay share new algorithms, methods, and models by presenting case studies and the code they use. If you're familiar with linear algebra, probability, and statistics, and have programming experience, this book is an ideal introduction to data science. Topics include: Statistical inference, exploratory data analysis, and the data science process Algorithms Spam filters, Naive Bayes, and data wrangling Logistic regression Financial modeling Recommendation engines and causality Data visualization Social networks and data journalism Data engineering, MapReduce, Pregel, and Hadoop Doing Data Science is collaboration between course instructor Rachel Schutt, Senior VP of Data Science at News Corp, and data science consultant Cathy O'Neil, a senior data scientist at Johnson Research Labs, who attended and blogged about the course.

NLP in 21 Days

A Brief Guide to the Systems Modeling Language

A Complete Introduction and Training Programme

Unicode Explained

The Free Energy Principle in Mind, Brain, and Behavior

Learning, Teaching and Assessment

Real-Time Data and Stream Processing at Scale

Americans have long recognized that investments in public education contribute to the common good, enhancing national prosperity and supporting stable families, neighborhoods, is even more critical today, in the face of economic, environmental, and social challenges. Today's children can meet future challenges if their schooling and informal learning activities roles as citizens, employees, managers, parents, volunteers, and entrepreneurs. To achieve their full potential as adults, young people need to develop a range of skills and knowledge application of English, mathematics, and other school subjects. At the same time, business and political leaders are increasingly asking schools to develop skills such as problem solving, communication, collaboration, and self-management - often referred to as "21st century skills." Education for Life and Work: Developing Transferable Knowledge and Skills in the 21st Century is an important set of key skills that increase deeper learning, college and career readiness, student-centered learning, and higher order thinking. These labels include both cognitive and critical thinking, problem solving, collaboration, effective communication, motivation, persistence, and learning to learn. 21st century skills also include creativity, innovation, and ethical behavior for later success and may be developed in formal or informal learning environments. This report also describes how these skills relate to each other and to more traditional academic disciplines of reading, mathematics, and science. Education for Life and Work: Developing Transferable Knowledge and Skills in the 21st Century summarizes the findings of the research on the importance of such skills to success in education, work, and other areas of adult responsibility and that demonstrates the importance of developing these skills in K-16 education. The key skills to learning these skills are identified, which include teacher professional development, curriculum, assessment, after-school and out-of-school programs, and informal learning centers and museums.

Larman covers how to investigate requirements, create solutions and then translate designs into code, showing developers how to make practical use of the most significant recent UML notation is included

Every enterprise application creates data, whether it's log messages, metrics, user activity, outgoing messages, or something else. And how to move all of this data becomes nearly impossible. If you're an application architect, developer, or production engineer new to Apache Kafka, this practical guide shows you how to use this open source streaming platform to handle massive amounts of data. Engineers from Confluent and LinkedIn who are responsible for developing Kafka explain how to deploy production Kafka clusters, write reliable event-driven microservices, and build real-time data processing applications with this platform. Through detailed examples, you'll learn Kafka's design principles, reliability guarantees, key APIs, and architecture details, including the replication controller, and the storage layer. Understand publish-subscribe messaging and how it fits in the big data ecosystem. Explore Kafka producers and consumers for writing and reading data. Learn patterns and use-case requirements to ensure reliable data delivery Get best practices for building data pipelines and applications with Kafka Manage Kafka in production, and learn

tuning, and maintenance tasks Learn the most critical metrics among Kafka's operational measurements Explore how Kafka's stream delivery capabilities make it a perfect source for  
Ten Strategies of a World-Class Cyber Security Operations Center conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities  
Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key  
This book offers perspective and context for key decision points in structuring a CSOC, such as what capabilities to offer, how to architect large-scale data collection and analysis  
team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, [www.mitre.org](http://www.mitre.org).

Big data, machine learning, and more, using Python tools

Magic Words and Language Patterns

Learning UML 2.0

Digital Journalism, Drones, and Automation

The Essential Guide to Neuro-Linguistic Programming

The Language and Abstractions Behind the News

Developing Transferable Knowledge and Skills in the 21st Century

**Успешные коучи знают, как их присутствие влияет на взаимодействие с клиентом. Они понимают, как их ценности, убеждения и другие факторы влияют на коучинг. Нужны опыт и навыки, чтобы выявлять эти воздействия - как в физической, так и в психологической сфере, и в то же время придерживаться подхода, ориентированного только на клиента. Из этой книги вы узнаете, как укрепить самосознание по ключевым аспектам вашего коучингового присутствия, и познакомитесь с новой моделью, которая поможет вам осознанно выбирать те или иные методы работы с клиентом. Автор рассказывает, как, обращая особое внимание на мотивацию ваших решений и на ваше присутствие во время коучинга, можно минимизировать неосознанное влияние, предвзятость и необъективность коуча, чтобы принести максимальную пользу клиенту и той системе, в рамках которой он живет и работает. В подобных ситуациях можно сказать, что коуч превращается в невидимку, однако это учит его распознавать те моменты, в которые активное взаимодействие с клиентом может стать наиболее плодотворным коучинговым решением. Эксперт в области коучинга - Мария Илиф-Вуд показывает, как распознавать, контролировать и использовать ваше коучинговое присутствие с наибольшей пользой для клиента. Книга рекомендована Международной Академией Коучинга.**

**Annotation Everyone in the Ruby world seems to be talking about metaprogramming--how you can use it to remove duplication in your code and write elegant, beautiful programs. Now you can get in on the action as well. This book describes metaprogramming as an essential component of Ruby. Once you understand the principles of Ruby, including the object model, scopes, and eigenclasses, you're on your way to applying metaprogramming both in your daily work and in your fun, after-hours projects. Learning metaprogramming doesn't have to be difficult or boring. By taking you on a Monday-through-Friday workweek adventure with a pair of programmers, Paolo Perrotta helps make mastering the art of metaprogramming both straightforward and entertaining. The book is packed with: Pragmatic examples of metaprogramming in action, many of which come straight from popular libraries or frameworks, such as Rails. Programming challenges that let you experiment and play with some of the most fun, "out-there" metaprogramming concepts. Metaprogramming "spells"--34 practical recipes and idioms that you can study and apply right now, to write code that is sure to impress. Whether you're a Ruby apprentice on the path to mastering the language or a Ruby wiz in search of new tips, this book is for you.**

**The Origins of NLP brings together the recollections and thoughts of some of the main protagonists from the very early days of NLP. In 1971 Richard Bandler and Frank Pucelik were students at Kresage College at the University of California Santa Cruz. They had a strong mutual interest in Gestalt Therapy, Frank because of his traumatic time in Vietnam and because he had been working with some disaffected and drug-addicted kids, and Richard because he had been working with Science and Behavior Books on transcribing and editing Fritz Perls' seminal work, The Gestalt Approach and Eyewitness to Therapy. They started a local Gestalt group and ran 2-3 sessions a week collaborating and experimenting with the language of therapy. They started achieving some brilliant results but were having problems transferring their skills to others and so Richard invited one of their college professors, John Grinder, to observe what they were doing in order that he would, hopefully, be able to deconstruct what they were doing that was so effective. John was a professor of Linguistics and was instantly impressed with the work that they were doing. He was able to add more structure and in due course the three of them formalised what is now known as the Meta Model. NLP, or Meta as it was known then, was born.**

**Fundamentally, computers just deal with numbers. They store letters and other characters by assigning a number for each one. There are hundreds of different encoding systems for mapping characters to numbers, but Unicode promises a single mapping. Unicode enables a single software product or website to be targeted across multiple platforms, languages and countries without re-engineering. It's no wonder that industry giants like Apple, Hewlett-Packard, IBM and Microsoft have all adopted Unicode. Containing everything you need to understand Unicode, this comprehensive reference from O'Reilly takes you on a detailed guide through the complex character world. For starters, it explains how to identify and classify characters - whether they're common, uncommon, or exotic. It then shows you how to type them, utilize their properties, and process character data in a robust manner. The book is broken up into three distinct parts. The first few chapters provide you with a tutorial presentation of Unicode and character data. It gives you a firm grasp of the terminology you need to reference various components, including character sets, fonts and encodings, glyphs and character repertoires. The middle section offers more detailed information about using Unicode and other character codes. It explains the principles and methods of defining character codes, describes some of the widely used**

codes, and presents code conversion techniques. It also discusses properties of characters, collation and sorting, line breaking rules and Unicode encodings. The final four chapters cover more advanced material, such as programming to support Unicode. You simply can't afford to be without the nuggets of valuable information detailed in Unicode Explained.

**A Pragmatic Guide to Communication and Change**

**Communication Magic**

**Straight Talk from the Frontline**

**Introducing NLP**

**Kafka: The Definitive Guide**

**The Hypnotist's Essential Guide to Crafting Irresistible Suggestions**

**Program Like the Ruby Pros**

The first comprehensive treatment of active inference, an integrative perspective on brain, cognition, and behavior used across multiple disciplines. Active inference is a way of understanding sentient behavior—a theory that characterizes perception, planning, and action in terms of probabilistic inference. Developed by theoretical neuroscientist Karl Friston over years of groundbreaking research, active inference provides an integrated perspective on brain, cognition, and behavior that is increasingly used across multiple disciplines including neuroscience, psychology, and philosophy. Active inference puts the action into perception. This book offers the first comprehensive treatment of active inference, covering theory, applications, and cognitive domains. Active inference is a “first principles” approach to understanding behavior and the brain, framed in terms of a single imperative to minimize free energy. The book emphasizes the implications of the free energy principle for understanding how the brain works. It first introduces active inference both conceptually and formally, contextualizing it within current theories of cognition. It then provides specific examples of computational models that use active inference to explain such cognitive phenomena as perception, attention, memory, and planning.

In this pathbreaking book about deciphering human thoughts through the language people use, Behaviour Analyst Col Sudip Mukerjee reveals the insights as to why we do what we do. The 5 step ‘secret decoding system’ detailed in this book has been used extensively by Sudip and all those who have learnt from him and experienced it first hand in individual sessions. This is unlike any other concept that you may have read earlier – these are battle hardened tactics that work – every time! When you use these principles, you will rapidly and dramatically unearth the unsaid and negotiate from a position of strength, know exactly what the people you are dealing with want, and using the language that works, get what you want – simply, easily, at a blink of an eye. Revised and Updated, Featuring a New Case Study How do successful companies create products people can't put down? Why do some products capture widespread attention while others flop? What makes us engage with certain products out of sheer habit? Is there a pattern underlying how technologies hook us? Nir Eyal answers these questions (and many more) by explaining the Hook Model—a four-step process embedded into the products of many successful companies to subtly encourage customer behavior. Through consecutive “hook cycles,” these products reach their ultimate goal of bringing users back again and again without depending on costly advertising or aggressive messaging. Hooked is based on Eyal's years of research, consulting, and practical experience. He wrote the book he wished had been available to him as a start-up founder—not abstract theory, but a how-to guide for building better products. Hooked is written for product managers, designers, marketers, start-up founders, and anyone who seeks to understand how products influence our behavior. Eyal provides readers with:

- Practical insights to create user habits that stick.
- Actionable steps for building products people love.
- Fascinating examples from the iPhone to Twitter, Pinterest to the Bible App, and many other habit-forming products.

This book provides an accessible introduction to loop quantum gravity and some of its applications, at a level suitable for undergraduate students and others with only a minimal knowledge of college level physics. In particular it is not assumed that the reader is familiar with general relativity and only minimally familiar with quantum mechanics and Hamiltonian mechanics. Most chapters end with problems that elaborate on the text, and aid learning. Applications such as loop quantum cosmology, black hole entropy and spin foams are briefly covered. The text is ideally suited for an undergraduate course in the senior year of a physics major. It can also be used to introduce undergraduates to general relativity and quantum field theory as part of a 'special

topics' type of course.

Doing Data Science

Introducing Data Science

Metaprogramming Ruby 2

Dive Into Deep Learning

HTML & XHTML DeMYSTiFieD

APPLYING UML & PATTERNS 3RD EDITION

**Integrating Meta-heuristics and Machine Learning for Real-world Optimization Problems**

With its clear introduction to the Unified Modeling Language (UML) 2.0, this tutorial offers a solid understanding of each topic, covering foundational concepts of object-orientation and an introduction to each of the UML diagram types.

With new and updated material this is the second edition of a work which has long been regarded as one of the best introductions to NLP and, in particular, its Language of Communication model available. It introduces the reader to a remarkable new approach to the study of human communications and therapeutic change. Managers, sales people, consultants, therapists, parents educators and anyone interested in or involved with influential communications and personal change - will benefit from reading this book, which is written in an informal and entertaining style.

Much NLP training today views Master Practitioner level as simply containing bigger, more complex techniques than Practitioner level, but this is a misconception. Being a Master Practitioner isn't about techniques at all, it's about letting go of techniques altogether and getting to grips with the very foundation of NLP itself - modelling high performers. Modelling is the method behind every NLP technique, and by understand how to extract and replicate the mental processes of high performance, you will transcend everything that you have learned at Practitioner level. The NLP Master Practitioner Manual will show you how to: Break down any NLP technique and adapt it effortlessly to any situation, even in everyday conversation Extract the innate talents of high performers in any field and replicate those talents Learn how to create coaching and training programs that install high performance models in your learners This NLP Master Practitioner manual is the result of 20 years research and application of NLP by one of its most innovative, practical and results oriented trainers and writers. Peter Freeth has pioneered many recognised developments in NLP's approach and techniques that are now used by countless trainers and professionals, worldwide.

Get ready to be an effective digital leader, influencer, disruptor, and catalyst for change in the digital world! As a leader you need to constantly evolve to achieve sustained success. The world is being transformed by Digital. The pace of change is constantly accelerating and volatility and complexity are the new norms. Digital leaders are at the forefront of these waves of change, creating new markets and transforming traditional ones. This book is a framework and set of tools that will help you develop a deep awareness of yourself, your teams, and your stakeholders. The powerful four-step process (designed to remain relevant over time) ensures that you are embracing adversity, driving disruption, and unlocking your full leadership potential. What You'll Learn Be an influencer, disrupter, and catalyst for change in a disruptive world Know five key career recommendations from 40 digital leaders with more than 400 years of combined experience Use the four steps of the Unnatural Selection framework to facilitate your personal evolution and digital leadership success Demystify what makes people tick using the Human Full Stack, which is a model analogous to the technical full stack, so that complex behaviors are easier to understand Embody intentionality to avoid distractions and achieve what's important your personal evolution, growing amazing teams, and influencing stakeholders Who This Book Is For Leaders who come from a technical background or are leading technical teams/organizations and want to be a part of building tomorrow's digital world

The Meta Model Demystified

Handbook of Research on Learning Outcomes and Opportunities in the Digital Age

Two Steps Ahead

An Everyday Guide to Developing Your Own Charisma and Compelling Communications Skills

How Learning Works

Ten Strategies of a World-Class Cybersecurity Operations Center

The Charismatic Edge: The Art of Captivating and Compelling Communication

Some people appear more gifted than others. NLP, one of the fastest growing developments in applied psychology, describes in simple terms what they do differently, and enables you to learn these patterns of excellence. Introducing NLP by Joseph O'Connor, a leading international NLP trainer and the author of NLP Workbook, offers the practical skills used by outstanding communicators. Excellent communication is the basis of creating excellent results. NLP skills are proving invaluable for personal development and professional excellence in counseling, education and business. Introducing NLP includes: How to create rapport with others Influencing skills Understanding and using body language How to think about and achieve the results you want The art of asking key questions Effective meetings, negotiations, and selling Accelerated learning strategies.

By the team behind the bestselling NLP: The New Technology of Achievement comes an essential new guide to NLP techniques—for self-development and influencing others—in a focused, step-by-step handbook. NLP (Neuro-Linguistic Programming) has already helped millions of people overcome fears, increase confidence, enrich relationships, and achieve greater success. Now, from the company and training team behind NLP: The New Technology of Achievement, one of the bestselling NLP books of all time, comes NLP: The Essential Guide to Neuro-Linguistic Programming \. Written by three NLP Master Practitioners and training coaches, including the president of NLP Comprehensive, with an introduction from the President of NLP Comprehensive, NLP: The Essential Guide to Neuro-Linguistic Programming guides users to peak performance in business and life, and gets specific results. In twelve illuminating sections, NLP: The Essential Guide to Neuro-Linguistic Programming leads you through dozens of “discoveries”—revelations of NLP practice that enable you to explore your own personal thinking patterns, to manage them—and to transform them. Divided into two categories, “All About You” and “All About the Other Guy,” these strategies offer a personal and interpersonal program that frees you to become better at managing your feelings instead of being dominated by them, managing your motivations, being less judgmental, more productive, more confident, more flexible, more persuasive, liked, and respected. Chapters on “Personal Remodeling” (Discovery 9: No inner enemy) and “Secrets of Making Your Point” (Discovery 31: Convey understanding and safety without talking), enhance creativity, collaboration, cooperation, and communication. Through “mind reading” techniques—non-verbal communication, and “hearing what’s missing”—learn the secrets of relating with others, understanding how they are thinking—and influencing them. A streamlined all-purpose guide for both newcomers and NLP veterans, NLP: The Essential Guide to Neuro-Linguistic Programming is the new all-in-one, eye-opening blueprint for your own ultimate success.

Summary Introducing Data Science teaches you how to accomplish the fundamental tasks that occupy data scientists. Using the Python language and common Python libraries, you'll experience firsthand the challenges of dealing with data at scale and gain a solid foundation in data science. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Many companies need developers with data science skills to work on projects ranging from social media marketing to machine learning. Discovering what you need to learn to begin a career as a data scientist can seem bewildering. This book is designed to help you get started. About the Book Introducing Data Science Introducing Data Science explains vital data science concepts and teaches you how to accomplish the fundamental tasks that occupy data scientists. You'll explore data visualization, graph databases, the use of NoSQL, and the data science process. You'll use the Python language and common Python libraries as you experience firsthand the challenges of dealing with data at scale. Discover how Python allows you to gain insights from data sets so big that they need to be stored on multiple machines, or from data moving so quickly that no single machine can handle it. This book gives you hands-on experience with the most popular Python data science libraries, Scikit-learn and StatsModels. After reading this book, you'll have the solid foundation you need to start a career in data science. What's Inside Handling large data Introduction to machine learning Using Python to work with data Writing data science algorithms About the Reader This book assumes you're comfortable reading code in Python or a similar language, such as C, Ruby, or JavaScript. No prior experience with data science is required. About the Authors Davy Clendenen, Arno D. B. Meysman, and Mohamed Ali are the founders and managing partners of Optimately and Maiton, where they focus on developing data science projects and solutions in various sectors. Table of Contents Data science in a big data world The data science process Machine learning Handling large data on a single computer First steps in big data Join the NoSQL movement The rise of graph databases Text mining and text analytics Data visualization to the end user This is the best selling introduction to Neuro-Linguistic Programming (NLP), written in an informal and entertaining style. This book will introduce the reader to a remarkable new approach to the study of human communications and therapeutic change. Managers, sales people, consultants, therapists, parents, educators -- anyone interested in or involved with influential communications and personal change will benefit from reading this unusual book.

How to Be a Digital Leader in Tomorrow's Disruptive World

GraphQL in Action

Uncover What People Really Mean

Hooked

How to Build Habit-Forming Products

The NLP Master Practitioner Manual

NLP

With new and updated material this is the second edition of a work which has long been regarded as one of the best introductions to NLP and, in particular, its Language of Communication model, available. It introduces the reader to a remarkable new approach to the study of human communications and therapeutic change. Managers, sales people, consultants, therapists, parents educators - anyone interested in or involved with influential communications and personal change - will benefit from reading this book, which is written in an informal and entertaining style.

Hard stuff made easy! Your practical, self-paced guide to HTML and XHTML HTML and XHTML Demystified is a hands-on tutorial that gives you thorough guidance on required Web design techniques and technologies. The book also functions as a useful supplement for textbooks and classroom activities by focusing on the essentials and the most useful tags and properties, while avoiding unnecessary details. Learn to create Web pages, add graphics and links, create tables and frames, integrate forms, and more. Each chapter features valid HTML that follows all of the rules set by the W3C and incorporates the latest standards for HTML5. Web designers need to write pages that are accessible to all users, so each chapter is coded to address the accessibility requirements from the Americans with Disabilities Act and to allow the use of non-English characters. HTML and XHTML Demystified Covers HTML, XHTML, HTML5, and CSS Develops two stand-alone examples per chapter: one created by the author; the other for you to practice Helps you recognize and resolve common HTML errors Includes end-of-chapter quizzes and a final exam to reinforce learning Step-by-step coverage: HTML and The Web; Your First Web Pages; Inserting Graphics; Creating Hyperlinks; Using Lists; Building Tables; Gathering Data with Forms; Page Layout; Scripting; DHTML; Effectively Using Multimedia; Using Frames; Creating a Web Site

NLP in 21 Days is an authoritative guide that covers the full international syllabus for NLP practitioner training. This easy-to-follow programme will benefit the growing number of people who now recognise the power Neuro Linguistic Programming has to improve all aspects of life, from personal relationships and career advancement to selling and even spelling and mental arithmetic. Written by two top NLP trainers, NLP in 21 Days covers 21 key topics and includes dozens of exercises and examples which you can immediately apply to your own situation. The rules of communication are radically different than ever before. Standing out and being counted is no longer just an advantage. It is a necessity. You are your own brand and, unless you learn how to shine, you'll be left behind. Whether you are looking to get a promotion, become a better leader, master public speaking, build your business, sell more, improve your love life, social life or even your networking skills, you need to be more effective at engaging people - you need to be more effective at branding yourself and making an impact on others. Charisma is a must. And here's the good news: You can learn it. Find out: The secrets that the best speakers, screenwriters, comedians, politicians and gurus know about impacting their audience. The keys to supreme self-confidence and high self-esteem. How you can use your body, voice and energy to influence others. How to create an irresistible first impression, instantly. What only the very best business leaders, sales people, marketing executives, advertisers and world class negotiators all understand about winning the hearts and minds of their teams and customers. Charisma is often misunderstood as a quality that some people have but others don't. In this book you'll learn how, in reality, charisma is an impression you create in the mind of another person which can be improved and mastered by anyone, including you.

Evolving Digital Leadership

Magic of NLP Demystified

Cognition, Metacognition, and Culture in STEM Education

Magic Demystified

Journal of Applied Rehabilitation Counseling

Learn the Keys to Creating Powerful Conversational Change with Nlp

***This book collects different methodologies that permit metaheuristics and machine learning to solve real-world problems. This book has exciting chapters that employ evolutionary and swarm optimization tools combined with machine learning techniques. The fields of applications are from distribution systems until medical diagnosis, and they are also included different surveys and literature reviews that will enrich the reader. Besides, cutting-edge methods such as neuroevolutionary and IoT implementations are presented in some chapters. In this sense, the book provides theory and practical content with novel machine learning and metaheuristic algorithms. The chapters were compiled using a scientific perspective. Accordingly, the book is primarily intended for undergraduate and postgraduate students of Science, Engineering, and Computational Mathematics and can be used in courses on Artificial Intelligence, Advanced Machine Learning, among others. Likewise, the material can be helpful for research from the evolutionary computation, artificial intelligence communities.***

***Education and learning opportunities bring about the potential for individual and national advancement. As learners move away from traditional scholarly media and toward technology-based education, students gain an advantage with technology in learning about their world and how to interact with modern society. The Handbook of Research on Learning Outcomes and Opportunities in the Digital Age provides expert research relating to recent technological advancements, technology and learning assessments, and the effects of technology on learning environments, making it a crucial reference source for researchers, scholars, and professors in various fields.***

***GraphQL in Action gives you the tools to get comfortable with the GraphQL language, build and optimize a data API service, and use it in a front-end client application. Summary Reduce bandwidth demands on your APIs by getting only the results you need—all in a single request! The GraphQL query language simplifies interactions with web servers, enabling smarter API queries that can hugely improve the efficiency of data requests. In GraphQL in Action, you'll learn how to bring those benefits to your own APIs, giving your clients the power to ask for exactly what they need from your server, no more, no less. Practical and example-driven, this book teaches everything you need to get started with GraphQL—from design principles and syntax right through to performance optimization. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology GraphQL APIs are fast, efficient, and easy to maintain. They reduce app latency and server cost while boosting developer productivity. This powerful query layer offers precise control over API requests and returns, making apps faster and less prone to error. About the book GraphQL in Action gives you the tools to get comfortable with the GraphQL language, build and optimize a data API service, and use it in a front-end client application. By working through set up, security, and error handling you'll learn to create a complete GraphQL server. You'll also unlock easy ways to incorporate GraphQL into your existing codebase so you can build simple, scalable data APIs. What's inside Define a GraphQL schema for relational and document databases Implement GraphQL types using both the schema language and object constructor methods Optimize GraphQL resolvers with data caching and batching Design GraphQL fragments that match UI components' data requirements Consume GraphQL API queries, mutations, and subscriptions with and without a GraphQL client library About the reader For web developers familiar with client-server applications. About the author Samer Buna has over 20 years of experience in software development including front-ends, back-ends, API design, and scalability. Table of Contents PART 1- EXPLORING GRAPHQL 1 Introduction to GraphQL 2 Exploring GraphQL APIs 3 Customizing and organizing GraphQL operations PART 2 - BUILDING GRAPHQL APIs 4 Designing a GraphQL schema 5 Implementing schema resolvers 6 Working with database models and relations 7 Optimizing data fetching 8 Implementing mutations PART 3 - USING GRAPHQL APIs 9 Using GraphQL APIs without a client library 10 Using GraphQL APIs with Apollo client***

***The Systems Modeling Language (SysML) extends UML with powerful systems engineering capabilities for modeling a wider spectrum of systems and capturing all aspects of a system's design. SysML Distilled is the first clear, concise guide for everyone who wants to start creating effective SysML models. (Drawing on his pioneering experience at Lockheed Martin and NASA, Lenny Delligatti illuminates SysML's core components and provides practical advice to help you create good models and good designs. Delligatti begins with an easy-to-understand overview of Model-Based Systems Engineering (MBSE) and an explanation of how SysML enables effective system specification, analysis, design, optimization, verification, and validation. Next, he shows how to use all nine types of SysML diagrams, even if you have no previous experience with modeling languages. A case study running through the text demonstrates the use of SysML in modeling a complex, real-world sociotechnical system. Modeled after Martin Fowler's classic UML Distilled, Delligatti's indispensable guide quickly teaches you what you need to know to get started and helps you deepen your knowledge incrementally as the need arises. Like SysML itself, the book is method independent and is designed to support whatever processes, procedures, and tools you already use. Coverage Includes Why SysML was created and the business case for using it Quickly putting SysML to practical use What to know before you start a SysML modeling project Essential concepts that apply to all SysML diagrams SysML diagram elements and***

**relationships Diagramming block definitions, internal structures, use cases, activities, interactions, state machines, constraints, requirements, and packages Using allocations to define mappings among elements across a model SysML notation tables, version changes, and sources for more information**

**Education for Life and Work**

**The Origins of Neuro Linguistic Programming**

**A First Course in Loop Quantum Gravity**

**Developing Leadership Talent**

**Tools for Engagement**

This is an exploration and development of the meta-model, which lies at the heart of communicational excellence in neuro-linguistic programming.

Praise for How Learning Works "How Learning Works is the perfect title for this excellent book. Drawing upon new research in psychology, education, and cognitive science, the authors have demystified a complex topic into clear explanations of seven powerful learning principles. Full of great ideas and practical suggestions, all based on solid research evidence, this book is essential reading for instructors at all levels who wish to improve their students' learning." –Barbara Gross Davis, assistant vice chancellor for educational development, University of California, Berkeley, and author, Tools for Teaching "This book is a must-read for every instructor, new or experienced. Although I have been teaching for almost thirty years, as I read this book I found myself resonating with many of its ideas, and I discovered new ways of thinking about teaching." –Eugenia T. Paulus, professor of chemistry, North Hennepin Community College, and 2008 U.S. Community Colleges Professor of the Year from The Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education "Thank you Carnegie Mellon for making accessible what has previously been inaccessible to those of us who are not learning scientists. Your focus on the essence of learning combined with concrete examples of the daily challenges of teaching and clear tactical strategies for faculty to consider is a welcome work. I will recommend this book to all my colleagues." –Catherine M. Casserly, senior partner, The Carnegie Foundation for the Advancement of Teaching "As you read about each of the seven basic learning principles in this book, you will find advice that is grounded in learning theory, based on research evidence, relevant to college teaching, and easy to understand. The authors have extensive knowledge and experience in applying the science of learning to college teaching, and they graciously share it with you in this organized and readable book." –From the Foreword by Richard E. Mayer, professor of psychology, University of California, Santa Barbara; coauthor, e-Learning and the Science of Instruction; and author, Multimedia Learning

Based on the popular Developing Leadership Talent program offered by the acclaimed Center for Creative Leadership, this important resource offers a nuts-and-bolts framework for putting in place a leadership development system that will attract and retain the best and brightest talent. Step by step, the authors explain how alignment with strategic goals and organizational purpose and effective developmental experiences are the backbone of a successful leadership program. An authoritative and useful book, Developing Leadership Talent is an essential tool for any leadership program.