

Nlp For Business Analysts Developing Agile Mindset And Behaviours

This book contains the refereed proceedings of the 12th International Conference on Business Process Modeling, Development and Support (BPMDs 2011) and the 16th International Conference on Exploring Modeling Methods for Systems Analysis and Design (EMMSAD 2011), held together with the 23rd International Conference on Advanced Information Systems Engineering (CAiSE 2011) in London, UK, in June 2011. The 22 papers accepted for BPMDs were selected from 61 submissions and cover a wide spectrum of issues related to business processes development, modeling, and support. They are grouped into sections on BPMDs in practice, business process improvement, business process flexibility, declarative process models, variety of modeling paradigms, business process modeling and support systems development, and interoperability and mobility. The 16 papers accepted for EMMSAD were chosen from 31 submissions and focus on exploring, evaluating, and enhancing current information modeling methods and methodologies. They are grouped in sections on workflow and process modeling extensions, requirements analysis and information systems development, requirements evolution and information systems evolution, data modeling languages and business rules, conceptual modeling practice, and enterprise architecture.

This book is about prescriptive analytics. It provides business practitioners and students with a selected set of management science and optimization techniques and discusses the fundamental concepts, methods, and models needed to understand and implement these techniques in the era of Big Data. A large number of management science models exist in the body of literature today. These models include optimization techniques or heuristics, static or dynamic programming, and deterministic or stochastic modeling. The topics selected in this book, mathematical programming and simulation modeling, are believed to be among the most popular management science tools, as they can be used to solve a majority of business optimization problems. Over the years, these techniques have become the weapon of choice for decision makers and practitioners when dealing with complex business systems.

Project management is becoming less about managing tools and processes and more about delivering through people. This is the only book on Neuro-linguistic Programming written specifically for project managers. It will equip them to communicate across cultures, resolve conflicts, motivate teams and become better leaders.

This book constitutes the refereed proceedings of the European Design Science Symposium, EDSS 2012 held in Leixlip, Ireland, in December 2012 which was held in conjunction with the Intel European Research and Innovation Conference, ERIC 2012. The 14 papers (4 invited papers and 10 full papers) presented were carefully reviewed and selected from various submissions. The papers cover the following topics: software, formal logic, rigorous mathematics, informal natural language descriptions.

Achieve business success with Neuro-linguistic Programming People around the globe use NLP to improve their communication skills, build rapport, make positive changes, and accomplish their goals. When used in a business context, NLP techniques can transform both your own and your team's performances. This practical guide to NLP at work will help you increase your flexibility, become more influential, and achieve professional success, whatever your career.

- Use NLP techniques in the workplace – overcome barriers to success and develop a winning mindset
- Build effective working relationships – improve your communication skills and create rapport with your colleagues
- Lead people to perform – enhance your ability to inspire peak performance
- Make changes that drive success – set and achieve ambitious goals

Business analysis is becoming less about managing tools and processes and more about delivering through people. This is the only book on neuro-linguistic programming written specifically for business analysts. It will equip them to communicate across cultures, resolve conflicts, motivate teams and become better leaders.

Companies today stand or fall, not by the efficiency of their processes and systems, but by the talent of their people. By using the techniques of NLP you can develop talent and achieve success. This is the popular but definitive book of NLP for people who want to make exceptional progress for their organisations. It demystifies NLP and relates the theories and principles to current business challenges. Its practical techniques, methods, and examples drawn from leading practitioners in the field, ensures you can implement this straight into your everyday working life. NLP Business Masterclass takes the applications of NLP in business beyond simple everyday techniques, to consider the bigger challenges facing organisations today including:

- How do you get the best from your people?
- What's the best way of organising teams?
- How can NLP help us to motivate people?
- What about incentives and rewards for employees?
- How do you change a culture and keep it alive?
- How can NLP help my people to become more committed and responsible?
- How can NLP help to develop leadership?

You can learn more about NLP. Or you can have the Masterclass.

Get well-versed with traditional as well as modern natural language processing concepts and techniques

Key Features

- Perform various NLP tasks to build linguistic applications using Python libraries
- Understand, analyze, and generate text to provide accurate results
- Interpret human language using various NLP concepts, methodologies, and tools

Book Description

Natural Language Processing (NLP) is the subfield in computational linguistics that enables computers to understand, process, and analyze text. This book caters to the unmet demand for hands-on training of NLP concepts and provides exposure to real-world applications along with a solid theoretical grounding. This book starts by introducing you to the field of NLP and its applications, along with the modern Python libraries that you'll use to build your NLP-powered apps. With the help of practical examples, you'll learn how to build reasonably sophisticated NLP applications, and cover various methodologies and challenges in deploying NLP applications in the real world. You'll cover key NLP tasks such as text classification, semantic embedding, sentiment analysis, machine translation, and developing a chatbot using machine learning and deep learning techniques. The book will also help you discover how machine learning techniques play a vital role in making your linguistic apps smart. Every chapter is accompanied

by examples of real-world applications to help you build impressive NLP applications of your own. By the end of this NLP book, you'll be able to work with language data, use machine learning to identify patterns in text, and get acquainted with the advancements in NLP. What you will learn Understand how NLP powers modern applications Explore key NLP techniques to build your natural language vocabulary Transform text data into mathematical data structures and learn how to improve text mining models Discover how various neural network architectures work with natural language data Get the hang of building sophisticated text processing models using machine learning and deep learning Check out state-of-the-art architectures that have revolutionized research in the NLP domain Who this book is for This NLP Python book is for anyone looking to learn NLP's theoretical and practical aspects alike. It starts with the basics and gradually covers advanced concepts to make it easy to follow for readers with varying levels of NLP proficiency. This comprehensive guide will help you develop a thorough understanding of the NLP methodologies for building linguistic applications; however, working knowledge of Python programming language and high school level mathematics is expected.

This book gathers papers from the International Conference on Advanced Intelligent Systems for Sustainable Development (AI2SD-2019), held on July 08–11, 2019 in Marrakech, Morocco, which address the environment, industry and economy, and the role of advanced intelligent systems and computing in connection with these three fields. The book includes a host of interesting studies and successful applications regarding the economy and industry, e.g. in Manufacturing, Digital Factories, Smart Supply Chain Management in Industry, Project Management in Industry, Digital Economy, Digital Business, M-commerce, Blockchain and Digital Currencies. In addition, the book highlights work that addresses the environmental aspect, covering topics such as Big Data Analysis & the Internet of Things for Environmental Management, Sensor Networks for Environmental Services, Network Interoperability in Environmental Ecosystems, Wireless Sensors and Cognitive Radio Networks, Environmental Management Computing Systems, Sustainable Mobility Solutions, Remote Sensing Applications, Geo-information & Geophysics. Addressing social, legislative and environmental aspects, the book is intended for all stakeholders in the industrial world. It will be of interest e.g. to customers, helping them improve their profits and economic profitability, and to professionals and fishermen working to evolve and optimize their supply chains, and to improve productivity, in the fiercely competitive I4.0 world. The authors of each chapter report on the state of the art and present the outcomes of their own research, laboratory experiments, and successful applications. The purpose of the book is to combine the idea of advanced intelligent systems with appropriate tools and techniques for modeling, management, and decision support in the fields of the environment, industry and economy.

Leverage Natural Language Processing (NLP) in Python and learn how to set up your own robust environment for performing text analytics. This second edition has gone through a major revamp and introduces several significant changes and new topics based on the recent trends in NLP. You'll see how to use the latest state-of-the-art frameworks in NLP, coupled with machine learning and deep learning models for supervised sentiment analysis powered by Python to solve actual case studies. Start by reviewing Python for NLP fundamentals on strings and text data and move on to engineering representation methods for text data, including both traditional statistical models and newer deep learning-based embedding models. Improved techniques and new methods around parsing and processing text are discussed as well. Text summarization and topic models have been overhauled so the book showcases how to build, tune, and interpret topic models in the context of an interest dataset on NIPS conference papers. Additionally, the book covers text similarity techniques with a real-world example of movie recommenders, along with sentiment analysis using supervised and unsupervised techniques. There is also a chapter dedicated to semantic analysis where you'll see how to build your own named entity recognition (NER) system from scratch. While the overall structure of the book remains the same, the entire code base, modules, and chapters has been updated to the latest Python 3.x release. What You'll Learn • Understand NLP and text syntax, semantics and structure • Discover text cleaning and feature engineering • Review text classification and text clustering • Assess text summarization and topic models • Study deep learning for NLP Who This Book Is For IT professionals, data analysts, developers, linguistic experts, data scientists and engineers and basically anyone with a keen interest in linguistics, analytics and generating insights from textual data.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Embrace the holistic set of skills and experiences required for data science success. (HINT: It's much more than just knowing math!) Know what it takes to become a star data scientist, and how data science compares with and leverages other disciplines such as artificial intelligence (AI). Explore how data science adds value by focusing on business questions and how to graduate from being a good technical professional to becoming an invaluable member of a business team. For those of us who are not data scientists, learn how to best leverage data science skills within your organization, how to hire a data scientist, and how to evaluate the outcome of a data science project. The approach provided in this book is supported by the rich experiences of the authors, combined with findings from interviews with top data science professionals.

The book is a collection of high-quality, peer-reviewed innovative research papers from the International Conference on Signals, Machines and Automation (SIGMA 2018) held at Netaji Subhas Institute of Technology (NSIT), Delhi, India. The conference offered researchers from academic and industry the opportunity to present their original work and exchange ideas, information, techniques and applications in the field of computational intelligence, artificial intelligence and machine intelligence. The book is divided into two volumes discussing a wide variety of industrial, engineering and scientific applications of the emerging techniques.

NLP: The Essential Handbook for Business is a straight-talking, highly practical guide to using NLP to significantly improve your results at work. Whether you want to be a better leader, manager, negotiator, salesperson, or decision-maker, you can learn proven NLP techniques that will boost your career as well as the performance of colleagues and the organization itself. Using real-life examples and easy-to-follow exercises that apply to individuals, teams, and organizations, NLP: The Essential Handbook for Business shows you how to: Improve communication Achieve your career goals Develop your influencing skills Harness the mindset for success Gain a greater understanding of what motivates you Remove the limiting beliefs holding you back from the success you deserve Written in accessible, jargon-free language, NLP: The Essential Handbook for Business contains numerous examples and practical exercises that will help you use NLP to improve your career and achieve success at work, whether in the private or public sector, and regardless of your current role.

Create your own natural language training corpus for machine learning. Whether you're working with English, Chinese, or any other natural language, this hands-on book guides you through a proven annotation development cycle—the process of adding metadata to your training corpus to help ML algorithms work more efficiently. You don't need any programming or linguistics experience to get started. Using detailed examples at every step, you'll learn how the MATTER Annotation Development Process helps you Model, Annotate, Train, Test, Evaluate, and Revise your training corpus. You also get a

complete walkthrough of a real-world annotation project. Define a clear annotation goal before collecting your dataset (corpus) Learn tools for analyzing the linguistic content of your corpus Build a model and specification for your annotation project Examine the different annotation formats, from basic XML to the Linguistic Annotation Framework Create a gold standard corpus that can be used to train and test ML algorithms Select the ML algorithms that will process your annotated data Evaluate the test results and revise your annotation task Learn how to use lightweight software for annotating texts and adjudicating the annotations This book is a perfect companion to O'Reilly's Natural Language Processing with Python.

This book constitutes the refereed proceedings of the 13th International Working Conference on Requirements Engineering: Foundation for Software Quality, REFSQ 2007, held in Trondheim, Norway. It covers goal-driven requirements engineering (RE), products and product-lines, value-based RE and the value of RE, requirements elicitation, requirements specification, industrial experience of RE, and requirements quality and quality requirements.

Big data: It's unstructured, it's coming at you fast, and there's lots of it. In fact, the majority of big data is text-oriented, thanks to the proliferation of online sources such as blogs, emails, and social media. However, having big data means little if you can't leverage it with analytics. Now you can explore the large volumes of unstructured text data that your organization has collected with Text Mining and Analysis: Practical Methods, Examples, and Case Studies Using SAS. This hands-on guide to text analytics using SAS provides detailed, step-by-step instructions and explanations on how to mine your text data for valuable insight. Through its comprehensive approach, you'll learn not just how to analyze your data, but how to collect, cleanse, organize, categorize, explore, and interpret it as well. Text Mining and Analysis also features an extensive set of case studies, so you can see examples of how the applications work with real-world data from a variety of industries. Text analytics enables you to gain insights about your customers' behaviors and sentiments. Leverage your organization's text data, and use those insights for making better business decisions with Text Mining and Analysis. This book is part of the SAS Press program.

Extract actionable insights from text and unstructured data. Information extraction is the task of automatically extracting structured information from unstructured or semi-structured text. SAS Text Analytics for Business Applications: Concept Rules for Information Extraction Models focuses on this key element of natural language processing (NLP) and provides real-world guidance on the effective application of text analytics. Using scenarios and data based on business cases across many different domains and industries, the book includes many helpful tips and best practices from SAS text analytics experts to ensure fast, valuable insight from your textual data. Written for a broad audience of beginning, intermediate, and advanced users of SAS text analytics products, including SAS Visual Text Analytics, SAS Contextual Analysis, and SAS Enterprise Content Categorization, this book provides a solid technical reference. You will learn the SAS information extraction toolkit, broaden your knowledge of rule-based methods, and answer new business questions. As your practical experience grows, this book will serve as a reference to deepen your expertise.

This book contains both theoretical and practical insights, providing a balanced perspective of what it takes for an organization to build its capability in all aspects to survive and succeed. Author's definition of building an outstanding organization is more subjective, he believes when the great numbers of people feel or perceive that organization is really contributing for employees it doesn't require to raise volume, it's in the air. For organizations that desire to be outstanding, it's more important to focus upon the capability development to make organization more outcome- consistent & striving for excellence. This book emphasizes holistic views of capability building of organization through building learning culture & knowledge management, distinctive diversity, inclusion & equality management, performance management, employee engagement & motivation, change management, leadership development, strategic thinking & innovation management, and talent management.

This book examines issues related to the alignment of business strategies and analytics. Vast amounts of data are being generated, collected, stored, processed, analyzed, distributed and used at an ever-increasing rate by organizations. Simultaneously, managers must rapidly and thoroughly understand the factors driving their business. Business Analytics is an interactive process of analyzing and exploring enterprise data to find valuable insights that can be exploited for competitive advantage. However, to gain this advantage, organizations need to create a sophisticated analytical climate within which strategic decisions are made. As a result, there is a growing awareness that alignment among business strategies, business structures, and analytics are critical to effectively develop and deploy techniques to enhance an organization's decision-making capability. In the past, the relevance and usefulness of academic research in the area of alignment is often questioned by practitioners, but this book seeks to bridge this gap. Aligning Business Strategies and Analytics: Bridging Between Theory and Practice is comprised of twelve chapters, divided into three sections. The book begins by introducing business analytics and the current gap between academic training and the needs within the business community. Chapters 2 - 5 examines how the use of cognitive computing improves financial advice, how technology is accelerating the growth of the financial advising industry, explores the application of advanced analytics to various facets of the industry and provides the context for analytics in practice.

Chapters 6 - 9 offers real-world examples of how project management professionals tackle big-data challenges, explores the application of agile methodologies, discusses the operational benefits that can be gained by implementing real-time, and a case study on human capital analytics. Chapters 10 - 11 reviews the opportunities and potential shortfall and highlights how new media marketing and analytics fostered new insights. Finally the book concludes with a look at how data and analytics are playing a revolutionary role in strategy development in the chemical industry.

Learn what it takes to succeed in the the most in-demand tech job Harvard Business Review calls it the sexiest tech job of the 21st century. Data scientists are in demand, and this unique book shows you exactly what employers want and the skill set that separates the quality data scientist from other talented IT professionals. Data science involves extracting, creating, and processing data to turn it into business value. With over 15 years of big data, predictive modeling, and business analytics experience, author Vincent Granville is no stranger to data science. In this one-of-a-kind guide, he provides insight into the essential data science skills, such as statistics and visualization techniques, and covers everything from analytical recipes and data science tricks to common job interview questions, sample resumes, and source code. The applications are endless and varied: automatically detecting spam and plagiarism, optimizing bid prices in keyword advertising, identifying new molecules to fight cancer, assessing the risk of meteorite impact. Complete with case studies, this book is a must, whether you're looking to become a data scientist or to hire one. Explains the finer points of data science, the required skills, and how to acquire them, including analytical recipes, standard rules, source code, and a dictionary of terms Shows what companies are looking for and how the growing importance of big data has increased the demand for data scientists Features job interview questions, sample resumes, salary surveys, and examples of job ads Case studies explore how data science is used on Wall Street, in botnet detection, for online advertising, and in many other business-critical situations Developing Analytic Talent: Becoming a Data Scientist is essential reading for those aspiring to this hot career choice and for employers seeking the best candidates.

This book can be an integrated learning vehicle for all working professionals who aspire to become an Ethics & Compliance officer in their respective organization. In first few chapters, it has been defined business ethics as the principles and standards that determine acceptable conduct in business organizations. The acceptability of behaviour in business is determined by corporate governance, as well as each individual's personal moral principles and values. Basic ethical and corporate social responsibility concerns have been codified as laws and regulations that encourage businesses to conform to society's standards, values, and attribution. Codes of ethics, policies on ethics, and business ethics training programs to advance ethical behaviour because that prescribes which activities are acceptable and which

are not, and limit the opportunity for misconduct in business processes. An ethical issue is a situation, or opportunity that requires a person to choose among several actions that may be evaluated as right or wrong, causes potential dilemma between ethical or unethical decision making which has been covered in ethical decision making chapter. To help you understand ethical issues that perplex businesspeople today, department wise ethical challenges has been captured and this book also talks about ethical leadership and organizational thought processes on ombudsman ship & dedicated full time office of ethics and compliance. This book covers latest trends and data's on global perception index, most ethical companies, best companies in CSR activities 2016 etc. for readers.

* Annual guide to educational institutions and business centers offering executive and management education worldwide * Relevant for executives seeking international business education exposure * Index of specialties ranging accounting, strategy planning, and change management, through conflict management, corporate finance and strategy, to global management, leadership, logistics, project management, and recruitment and team building listing which schools offer them This is the only genuinely international directory to senior management education. There are clearly a large number of US directories to North American MBA courses, and other countries produce similar publications. However, information on shorter courses as covered by this Guide are rare. Now in its seventh edition, this directory to worldwide courses for middle and senior management has been extensively revised, and is linked to a dedicated website. The directory is backed up by a series of articles from leading business schools, management academics, and executives from leading companies. These articles focus on different aspects and approaches to executive education, pr

This two-volume set LNCS 4275/4276 constitutes the refereed proceedings of the four confederated conferences CoopIS 2006, DOA 2006, GADA 2006, and ODBASE 2006 held as OTM 2006 in Montpellier, France in October/November 2006. The 106 revised full and nine short papers presented together with four keynote speeches were carefully reviewed and selected from a total of 361 submissions.

NLP for Business Analysts Developing Agile Mindset and Behaviours BCS, The Chartered Institute for IT

"This book is a comprehensive reference on concepts, algorithms, theories, applications, software, and visualization of data mining, text mining, Web mining and computing/supercomputing, covering state-of-the-art of the theory and applications of mining"--

This book takes a pragmatic and hype-free approach to explaining artificial intelligence and how it can be utilised by businesses today. At the core of the book is a framework, developed by the author, which describes in non-technical language the eight core capabilities of Artificial Intelligence (AI). Each of these capabilities, ranging from image recognition, through natural language processing, to prediction, is explained using real-life examples and how they can be applied in a business environment. It will include interviews with executives who have successfully implemented AI as well as CEOs from AI vendors and consultancies. AI is one of the most talked about technologies in business today. It has the ability to deliver step-change benefits to organisations and enables forward-thinking CEOs to rethink their business models or create completely new businesses. But most of the real value of AI is hidden behind marketing hyperbole, confusing terminology, inflated expectations and dire warnings of 'robot overlords'. Any business executive that wants to know how to exploit AI in their business today is left confused and frustrated. As an advisor in Artificial Intelligence, Andrew Burgess regularly comes face-to-face with business executives who are struggling to cut through the hype that surrounds AI. The knowledge and experience he has gained in advising them, as well as working as a strategic advisor to AI vendors and consultancies, has provided him with the skills to help business executives understand what AI is and how they can exploit its many benefits. Through the distilled knowledge included in this book business leaders will be able to take full advantage of this most disruptive of technologies and create substantial competitive advantage for their companies.

Learn the fundamental aspects of the business statistics, data mining, and machine learning techniques required to understand the huge amount of data generated by your organization. This book explains practical business analytics through examples, covers the steps involved in using it correctly, and shows you the context in which a particular technique does not make sense. Further, Practical Business Analytics using R helps you understand specific issues faced by organizations and how the solutions to these issues can be facilitated by business analytics. This book will discuss and explore the following through examples and case studies: An introduction to R: data management and R functions The architecture, framework, and life cycle of a business analytics project Descriptive analytics using R: descriptive statistics and data cleaning Data mining: classification, association rules, and clustering Predictive analytics: simple regression, multiple regression, and logistic regression This book includes case studies on important business analytic techniques, such as classification, association, clustering, and regression. The R language is the statistical tool used to demonstrate the concepts throughout the book. What You Will Learn • Write R programs to handle data • Build analytical models and draw useful inferences from them • Discover the basic concepts of data mining and machine learning • Carry out predictive modeling • Define a business issue as an analytical problem Who This Book Is For Beginners who want to understand and learn the fundamentals of analytics using R. Students, managers, executives, strategy and planning professionals, software professionals, and BI/DW professionals.

"This book is a collection of contributed chapters of latest research findings, ideas, and applications in the fields of Natural Language Processing and their applications, Computational Linguistics, Deep NLP, Web Analysis, Sentiments analysis for business and industry"--

This book examines the Internet of Things (IoT) and Data Analytics from a technical, application, and business point of view. Internet of Things and Data Analytics Handbook describes essential technical knowledge, building blocks, processes, design principles, implementation, and marketing for IoT projects. It provides readers with knowledge in planning, designing, and implementing IoT projects. The book is written by experts on the subject matter, including international experts from nine countries in the consumer and enterprise fields of IoT. The text starts with an overview and anatomy of IoT, ecosystem of IoT, communication protocols, networking, and available hardware, both present and future applications and transformations, and business models. The text also addresses big data analytics, machine learning, cloud computing, and consideration of sustainability that are essential to be both socially responsible and successful. Design and implementation processes are illustrated with best practices and case studies in action. In addition, the book: Examines cloud computing, data analytics, and sustainability and how they relate to IoT over the scope of consumer, government, and enterprise applications Includes best practices, business model, and real-world case studies Hwaiyu Geng, P.E., is a consultant with Amica Research (www.AmicaResearch.org, Palo Alto, California), promoting green planning, design, and construction projects. He has had over 40 years of manufacturing and management experience, working with Westinghouse, Applied Materials, Hewlett Packard, and Intel on multi-million high-tech projects. He has written and presented numerous technical papers at international conferences. Mr. Geng, a patent holder, is also the editor/author of Data Center Handbook (Wiley, 2015).

In light of the rising cost of healthcare and the overall challenges associated with delivering quality care to patients across regions, scientists and pharmacists are exploring new initiatives in drug discovery and design. One such initiative is the adoption of information technology and software applications to improve healthcare and pharmaceutical processes. Software Innovations in Clinical Drug Development and Safety is a comprehensive resource analyzing the integration of software engineering for the purpose of drug discovery, clinical trials, genomics, and drug safety testing. Taking a multi-faceted approach to the application of computational methods to pharmaceutical science, this publication is ideal for healthcare professionals, pharmacists, computer scientists, researchers, and students seeking the latest information on the architecture and design of software in clinical settings, the impact of clinical technologies on business models, and the safety and privacy of patients and patient data. This timely resource features a well-rounded discussion on topics pertaining to the integration of computational methods in pharmaceutical science and practice including, the impact of software integration on business models,

patient safety concerns, software architecture and design, and data security.

As the age of Big Data emerges, it becomes necessary to take the five dimensions of Big Data- volume, variety, velocity, volatility, and veracity- and focus these dimensions towards one critical emphasis - value. The Encyclopedia of Business Analytics and Optimization confronts the challenges of information retrieval in the age of Big Data by exploring recent advances in the areas of knowledge management, data visualization, interdisciplinary communication, and others. Through its critical approach and practical application, this book will be a must-have reference for any professional, leader, analyst, or manager interested in making the most of the knowledge resources at their disposal.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Become a master of data analysis, modeling, and spreadsheet use with BUSINESS ANALYTICS: DATA ANALYSIS AND DECISION MAKING, 5E! This quantitative methods text provides users with the tools to succeed with a teach-by-example approach, student-friendly writing style, and complete Excel 2013 integration. It is also compatible with Excel 2010 and 2007. Problem sets and cases provide realistic examples to show the relevance of the material. The Companion Website includes: the Palisade DecisionTools Suite (@RISK, StatTools, PrecisionTree, TopRank, RISKOptimizer, NeuralTools, and Evolver); SolverTable, which allows you to do sensitivity analysis; data and solutions files, PowerPoint slides, and tutorial videos. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

"The chapters in this volume offer useful case studies, technical roadmaps, lessons learned, and a few prescriptions to 'do this, avoid that.'" —From the Foreword by Joe LaCugna, Ph.D., Enterprise Analytics and Business Intelligence, Starbucks Coffee Company With the growing barrage of "big data," it becomes vitally important for organizations to make sense of this data and information in a timely and effective way. That's where analytics come into play. Research shows that organizations that use business analytics to guide their decision making are more productive and experience higher returns on equity. Big Data and Business Analytics helps you quickly grasp the trends and techniques of big data and business analytics to make your organization more competitive. Packed with case studies, this book assembles insights from some of the leading experts and organizations worldwide. Spanning industry, government, not-for-profit organizations, and academia, they share valuable perspectives on big data domains such as cybersecurity, marketing, emergency management, healthcare, finance, and transportation. Understand the trends, potential, and challenges associated with big data and business analytics Get an overview of machine learning, advanced statistical techniques, and other predictive analytics that can help you solve big data issues Learn from VPs of Big Data/Insights & Analytics via case studies of Fortune 100 companies, government agencies, universities, and not-for-profits Big data problems are complex. This book shows you how to go from being data-rich to insight-rich, improving your decision making and creating competitive advantage. Author Jay Liebowitz recently had an article published in The World Financial Review. www.worldfinancialreview.com/?p=1904

21st century organizations, across all sectors and of all types, have to cope with an international marketplace where change is frequent and customer expectations continue to rise. The work of business analysis professionals is crucial if organizations are to succeed and grow. If change programmes are to be successful, stakeholder engagement and situation analysis are vital, and to achieve this, senior business people need to display competence in a range of areas, not least of which include the ability to challenge, lead and influence. Business Analysis and Leadership is for anyone involved in business analysis working in any organization worldwide, from financial services to charities, government to manufacturing. It takes the reader beyond standard textbooks full of techniques and tools, advising on how to lead and gain credibility throughout the organization. It will help you with the tricky role of working with people from the shop floor to board directors and give readers the confidence to challenge the easy way forward and point out what will really work in practice. This inspirational book consists of contributions from leading thinkers and practitioners in business analysis from around the world. Their case studies and practical advice will help the reader to develop leadership skills and become an outstanding catalyst for change.

How to become an NLP practitioner?or supercharge your coaching skills with NLP One of the most popular methods for helping people achieve their life aspirations?Neuro-Linguistic Programming, or NLP, holds the key to remaking one's future. NLP encourages users to re-create the thought patterns common to those who excel, a process that helps gradually weed out negative or habitual thinking. Using the key elements of NLP?developing a coaching relationship, shedding light on patterns, managing emotional states, and shaping an agenda for change?this practical, inspiring guide offers the tools for helping your clients upgrade the quality of their personal or professional lives. Reveals ten powerful coaching questions, ten traps to avoid in coaching, and ten ways to enhance your coaching skills Offers tips on laying the foundation for success and quick win sessions Insights on how to tap into passion and purpose?and making goals come alive Methods for coaching yourself or your team and coaching through conflict Other books by Burton: NLP For Dummies, NLP Workbook For Dummies, and Building Self-Confidence For Dummies Ideal for those working towards becoming an NLP practitioner or master coach, Coaching with NLP For Dummies is a guidebook to life transformation?for both client and practitioner.

This book offers a highly accessible introduction to natural language processing, the field that supports a variety of language technologies, from predictive text and email filtering to automatic summarization and translation. With it, you'll learn how to write Python programs that work with large collections of unstructured text. You'll access richly annotated datasets using a comprehensive range of linguistic data structures, and you'll understand the main algorithms for analyzing the content and structure of written communication. Packed with examples and exercises, Natural Language Processing with Python will help you: Extract information from unstructured text, either to guess the topic or identify "named entities" Analyze linguistic structure in text, including parsing and semantic analysis Access popular linguistic databases, including WordNet and treebanks Integrate techniques drawn from fields as diverse as linguistics and artificial intelligence This book will help you gain practical skills in natural language processing using the Python programming language and the Natural Language Toolkit (NLTK) open source library. If you're interested in developing web applications, analyzing multilingual news sources, or documenting endangered languages -- or if you're simply curious to have a programmer's perspective on how human language works -- you'll find Natural Language Processing with Python both fascinating and immensely useful.

This is a book of technologists, business analysts and consultants to expand and develop their consultancy skills. It contains a section on communication and rapport building skills, and then a section on specific tools such as negotiation, influence, running a meeting, gathering requirements, creating a proposal and doing a presentation.

The development of a new book about Emotional Intelligence (EI) and Neuro-Linguistic Programming (NLP) and the challenges to managers and engineers is essential because it introduces new lines of research in management and production. The use of EI and NLP allows management to take a more strategic role in organisations. There is a growing importance of sophisticated analysis for managers to support decision making, to use emotional information in order to guide thinking and behaviour, as well as to manage emotions to adapt environments and achieve the organisation's goals. This book addresses several dimensions of EI and NLP and its impact in business and organisation competitiveness. Features Focuses on the latest research findings that are occurring in this field all over the world Shows in what ways companies around the world are facing today's EI and NLP challenges Presents knowledge and insights on an international scale Assists researchers and practitioners in selecting

among the different options and strategies, the more relevant priorities to managing competitive organisations Offers the latest developments in the field and of forthcoming international studies
[Copyright: dbd0a88ec48e358204000e330423ef10](#)