Data Analytics 7 Manuscripts Data Analytics Beginners Deep Learning Keras Analyzing Data Power Bi Reinforcement Learning Artificial Intelligence Text Analytics Convolutional Neural Networks

This second and revised edition contains a detailed introduction to the key classes of intelligent data analysis methods. The twelve coherently written chapters by leading experts provide complete coverage of the core issues. The first half of the book is devoted to the discussion of classical statistical issues. The following chapters concentrate on machine learning and artificial intelligence, rule induction methods, neural networks, fuzzy logic, and stochastic search methods. The book concludes with a chapter on visualization and an advanced overview of IDA processes.

Data Analytics7 Manuscripts – Data Analytics for Beginners, Deep Learning with Keras, Analyzing Data with Power BI, Reinforcement Learning with Python, Artificial Intelligence Python, Text Analytics with Python, Convolutional Neural Networks in PythonAnthony S. Williams

This book provides an introduction to the mathematical and algorithmic foundations of data science, including machine learning, high-dimensional geometry, and analysis of large networks. Topics include the counterintuitive nature of data in high dimensions, important linear algebraic techniques such as singular value decomposition, the theory of random walks and Markov chains, the fundamentals of and important algorithms for machine learning, algorithms and analysis for clustering, probabilistic models for large networks, representation learning including topic modelling and non-negative matrix factorization, wavelets and compressed sensing. Important probabilistic techniques are developed including the law of large numbers, tail inequalities, analysis of random projections, generalization guarantees in machine learning, and moment methods for analysis of phase transitions in large random graphs. Additionally, important structural and complexity measures are discussed such as matrix norms and VC-dimension. This book is suitable for both undergraduate and graduate courses in the design and analysis of algorithms for data.

Modern financial management is largely about risk management, which is increasingly data-driven. The problem is how to extract information from the data overload. It is here that advanced statistical and machine learning techniques can help. Accordingly,

finance, statistics, and data analytics go hand in hand. The purpose of this book is to bring the state-of-art research in these three areas to the fore and especially research that juxtaposes these three. Chronic hepatitis B (CHB) is a life-threatening liver disease affecting 257 million people worldwide, in particular in the Asia-Pacific regions. In endemic areas, hepatitis B virus (HBV) is usually transmitted from chronically infected mothers to neonates. Perinatal HBV infection causes chronic infection in more than 90% of exposed individuals. With perinatal infection, lifetime mortality risk due to complications of liver cirrhosis (LC) or hepatocellular carcinoma (HCC) reaches up to 40% in men and 15% in women. For the treatment of chronic HBV infection, nucleos(t)ide analogue antivirals have been successfully used to suppress viral replication. However, HBV exists as a cccDNA, which cannot be eliminated by nucleos(t)ide analogues. Therefore, a practical goal of novel HBV therapeutics can be HBs seroconversion (loss of HBsAg and development of HBsAg-specific antibodies), which occurs during spontaneous recovery from acute HBV infection. This HBs seroconversion is referred to as “functional cure” of HBV infection. When functional cure is reached, HBsAg-specific antibodies have virus-neutralizing activity and control HBV infection even in the presence of cccDNA. Currently, peg-IFN-a is often used to induce HBs seroconversion in patients

with chronic HBV infection; however, the efficacy is not satisfactory. In future, other immunological therapeutics must be considered to achieve HBs seroconversion, including therapeutic vaccines and immune checkpoint blockers.

Drawing on statistical techniques and samples this book offers an estimate of medieval production rates of manuscripts in the Latin West. Such information is a helpful production indicator for a period of which we have so little other quantitative data.

This book outlines some new advances in genetics, clinical evaluation, localization, therapy (newly including immunotherapy) of pheochromocytoma and paraganglioma including their metastatic counterparts. Well-known and experienced clinicians and scientists contributed to this book to include some novel approaches to these tumors. This book will serve to various health care professionals from different subspecialties, but mainly oncologists, endocrinologists, endocrine surgeons, pediatricians, and radiologists. This book shows that the field of pheochromocytoma/paraganglioma is evolving and a significant progress has been made in last 5 years requiring that health care professionals and scientists will learns new information and implement it in their clinical practice or scientific work, respectively. This book should not be missed by anybody who is focusing on neuroendocrine tumors, their newest evaluation and treatment.

Observations Plus Recipes It has been said that science is the orderly collection of facts about the natural world. Scientists, however, are wary of using the word 'fact. ' 'Fact' has the feeling of absoluteness and universality, whereas scientific observations are neither ab- lute nor universal. For example, 'children have 20 deciduous [baby] teeth' is an observation about the real world, but scientists would not call it a fact. Some children have fewer deciduous teeth, and some have more. Even those children who have exactly 20 deciduous teeth use the full set during only a part of their childhood. When they are babies and t- dlers, children have less than 20 visible teeth, and as they grow older, children begin to loose their deciduous teeth, which are then replaced by permanent teeth. 'Children have 20 deciduous [baby] teeth' is not even a complete scientific sta- ment. For one thing, the statement 'children have 20 deciduous teeth' does not tell us what we mean by 'teeth. ' When we say "teeth," do we mean only those that can seen be with the unaided eye, or do we also include the hidden, unerupted teeth? An observation such as 'children have 20 deciduous teeth' is not a fact, and, by itself, it is not acceptable as a scientific statement until its terms are explained: scientifically, 'children have 20 deciduous teeth' must be accompanied by definitions and qualifiers.

"This collection of articles discusses how to preserve and conserve old manuscripts for the future and will be of particular interest to research librarians. Topics include: an investigation of the use of laser in paper conservation; digitization as part of the museum preservation program; the electronic catalogue of the Manuscripts Department in the National Library of Russia: its concept, structure and use for research; and fundamental reflections on thefts and mutilation of maps from university and national libraries in Europe."

Do you want to learn Python Programming well and fast? Are

you looking for the best Python for Data Analysis and Analytics course? Do you want to learn Data Science and how to leverage Python for it? Do want to learn Python Machine Learning and start implementing models? If yes, then this Python for Beginners Crash Course is for you. This is the most complete Python guide with 5 Manuscripts in 1 book: 1-Python For Beginners 2-Python Advanced Programming 3-Python for Data Analysis & Analytics 4-Python for Data Science 5-Python Machine Learning 450+ Pages of Pure Learning! A great opportunity: Simplicity, Best Order and Selection of topics to Learn Fast and Selected Practice Exercises and Examples. In Manuscripts 1 and 2 "Python For Beginners" and "Python Advanced Programming" you'll learn: - What is Python - How to install Python and what is the best distribution - What are data types and variables - How to work with numbers in Python - What operators there are in Python and when to use them - How to manipulate Strings - How to implement Program Flow Controls - How to implement loops in Python - What are Python lists, Tuples, Sets, Dictionaries, and how to use them - How to create modules and functions - How to program according to the Object-Oriented paradigm - How to create classes - What are and how to use Inheritance, Polymorphism, Abstraction, and Encapsulation And much more... In Manuscript 3 "Python for Data Analysis & Analytics" you'll learn: - What Data Analysis is and why it is important - What are the different types of Data Analysis - What are the 6 key steps of the Data Analysis process that you should follow - What are the applications of Data Analysis and Analytics - How to set up the Python environment for Data Analysis - What are and how to use Python Data Structures - How to work with IPython/Jupyter Notebook - How to work with NumPy - How to visualize data with Matplotlib - What other visualization libraries are out there - Why is Big Data

important and how to get the best out of it - How to leverage Neural Networks for Data Analysis And much more... In Manuscript 4 "Python for Data Science" you'll learn: - What is Data Science and what does it encompass - What are the 5 key steps of the Data Science process that you should follow - How to set up the Python environment for Data Science - How to work with Seaborn data visualization module - What are the most important Machine Learning Algorithms - How to leverage the Scikit-Learn module for Machine Learning - How to leverage Data Science in the Cloud - What are the most important applications of Data Science And much more... In Manuscript 5 "Python Machine Learning" you'll learn - What is Machine Learning and what does it encompass - What are the 7 Steps of the Machine Learning Process - What are the different Machine Learning types - How is Machine Learning applied to the real world - What are the main Data Mining techniques - How to best set up the Python environment for Machine Learning - What are the most important Python libraries for Machine Learning And much more... Click the BUY button and download the book now to start learning well and fast!

Big Data - 4 book BUNDLE!! Data Analytics for Beginners In this book you will learn: Putting Data Analytics to Work The Rise of Data Analytics Big Data Defined Cluster Analysis Applications of Cluster Analysis Commonly Graphed Information Data Visualization Four Important Features of Data Visualization Software Big Data Impact Envisaged by 2020 Pros and Cons of Big Data Analytics And of course much more! Deep Learning with Keras In this book you will learn: Deep Neural Network Neural Network Elements Keras Models Sequential Model Functional API Model Keras Layers Core Keras Layers Convolutional Keras Layers Recurrent Keras Layers Deep Learning Algorithms Supervised Learning Algorithms Applications of Deep Learning Models Automatic

Speech and Image Recognition Natural Language Processing Video Game Development Real World Applications And of course much more! Analyzing Data with Power BI In this book you will learn: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI Data transformation and data cleaning in Power BI Real world applications of data analysis Convolutional Neural Networks In Python In this book you will learn: Architecture of convolutional neural networks Solving computer vision tasks using convolutional neural networks Python and computer vision Automatic image and speech recognition Theano and TenroeFlow image recognition How to use MNIST vision dataset What are commonly used convolutional filters Download this book bundle NOW and SAVE money!!

This book constitutes the refereed proceedings of the 6th International Conference on Big Data analytics, BDA 2018, held in Warangal, India, in December 2018. The 29 papers presented in this volume were carefully reviewed and selected from 93 submissions. The papers are organized in topical sections named: big data analytics: vision and perspectives; financial data analytics and data streams; web and social media data; big data systems and frameworks; predictive analytics in healthcare and agricultural domains; and machine learning and pattern mining.

The objective of this book is to introduce the basic concepts of big data computing and then to describe the total solution of big data problems using HPCC, an open-source computing platform. The book comprises 15 chapters broken into three parts. The first part, Big Data Technologies, includes

introductions to big data concepts and techniques; big data analytics; and visualization and learning techniques. The second part, LexisNexis Risk Solution to Big Data, focuses on specific technologies and techniques developed at LexisNexis to solve critical problems that use big data analytics. It covers the open source High Performance Computing Cluster (HPCC Systems®) platform and its architecture, as well as parallel data languages ECL and KEL, developed to effectively solve big data problems. The third part, Big Data Applications, describes various data intensive applications solved on HPCC Systems. It includes applications such as cyber security, social network analytics including fraud, Ebola spread modeling using big data analytics, unsupervised learning, and image classification. The book is intended for a wide variety of people including researchers, scientists, programmers, engineers, designers, developers, educators, and students. This book can also be beneficial for business managers, entrepreneurs, and investors.

Applied Statistical Modeling and Data Analytics: A Practical Guide for the Petroleum Geosciences provides a practical guide to many of the classical and modern statistical techniques that have become established for oil and gas professionals in recent years. It serves as a "how to" reference volume for the practicing petroleum engineer or geoscientist interested in applying statistical methods in formation evaluation, reservoir characterization, reservoir modeling and management, and uncertainty quantification. Beginning with a foundational discussion of exploratory data analysis, probability distributions and linear regression modeling, the book focuses on fundamentals and practical examples of such key topics as multivariate analysis, uncertainty quantification, data-driven modeling, and experimental design and response surface analysis. Data

sets from the petroleum geosciences are extensively used to demonstrate the applicability of these techniques. The book will also be useful for professionals dealing with subsurface flow problems in hydrogeology, geologic carbon sequestration, and nuclear waste disposal. Authored by internationally renowned experts in developing and applying statistical methods for oil & gas and other subsurface problem domains Written by practitioners for practitioners Presents an easy to follow narrative which progresses from simple concepts to more challenging ones Includes online resources with software applications and practical examples for the most relevant and popular statistical methods, using data sets from the petroleum geosciences Addresses the theory and practice of statistical modeling and data analytics from the perspective of petroleum geoscience applications

The AMA Manual of Style is a must-have resource for anyone involved in medical, health, and scientific publishing. Written by an expert committee of JAMA Network editors, this latest edition addresses issues that face authors, editors, and publishers in the digital age. Extensive updates are included in the References chapter, with examples of how to cite digital publications, preprints, databases, data repositories, podcasts, apps and interactive games, and social media. Full-color examples grace the chapter on data display, with newer types of graphic presentations and updated guidance on formatting tables and figures. The manual thoroughly covers ethical and legal issues such as authorship, conflicts of interest, scientific misconduct, intellectual property, open access and public access, and corrections. The Usage chapter has been revised to bring the manual up-to-date on word choice, especially in

writing about individuals with diseases or conditions and from various socioeconomic, racial/ethnic, and sexual orientation populations. Specific nomenclature entries in many disciplines are presented to guide users in issues of diction, formatting, and preferred terminology. Guidance on numbers, SI units, and math has been updated, and the section on statistics and study design has undergone a major expansion. In sum, the answer to nearly any issue facing a writer or editor in medicine, health care, and related disciplines can be found in the 11th edition of the AMA Manual of Style. Available for institutional purchase or subscription or individual subscription. Visit AMAManualofStyle.com or contact your sales rep for more details.

?This book includes 2 Manuscripts? Are you looking for new ways to grow your business, with resources you already have? Do you want to know how the big players like Netflix, Amazon, or Shopify use data analytics to MULTIPLY their growth? Keep listening to learn how to use data analytics to maximize YOUR business.

Wireless communication is continuously evolving to improve and be a part of our daily communication. This leads to improved quality of services and applications supported by networking technologies. We are now able to use LTE, LTE-Advanced, and other emerging technologies due to the enormous efforts that are made to improve the quality of service in cellular networks. As the future of networking is uncertain, the use of deep learning and big data analytics is a point of focus as it can work in many capacities at a variety of levels for wireless communications. Implementing Data Analytics

and Architectures for Next Generation Wireless Communications addresses the existing and emerging theoretical and practical challenges in the design, development, and implementation of big data algorithms, protocols, architectures, and applications for next generation wireless communications and their applications in smart cities. The chapters of this book bring together academics and industrial practitioners to exchange, discuss, and implement the latest innovations and applications of data analytics in advanced networks. Specific topics covered include key encryption techniques, smart home appliances, fog communication networks, and security in the internet of things. This book is valuable for technologists, data analysts, networking experts, practitioners, researchers, academicians, and students.

Fresh examinations of the manuscript which is one of the chief compendiums of literature in the Middle English period.

This book showcases the different ways in which contemporary forms of data analysis are being used in urban planning and management. It highlights the emerging possibilities that city-regional governance, technology and data have for better planning and urban management - and discusses how you can apply them to your research. Including perspectives from across the globe, it’s packed with examples of good practice and helps to demystify the process of using big and open data. Learn about different kinds of emergent data sources and how they are processed, visualised and presented. Understand how spatial analysis and GIS are

used in city planning. See examples of how contemporary data analytics methods are being applied in a variety of contexts, such as ‘smart’ city management and megacities. Aimed at upper undergraduate and postgraduate students studying spatial analysis and planning, this timely text is the perfect companion to enable you to apply data analytics approaches in your research.

Data Mining and Data Visualization focuses on dealing with large-scale data, a field commonly referred to as data mining. The book is divided into three sections. The first deals with an introduction to statistical aspects of data mining and machine learning and includes applications to text analysis, computer intrusion detection, and hiding of information in digital files. The second section focuses on a variety of statistical methodologies that have proven to be effective in data mining applications. These include clustering, classification, multivariate density estimation, tree-based methods, pattern recognition, outlier detection, genetic algorithms, and dimensionality reduction. The third section focuses on data visualization and covers issues of visualization of high-dimensional data, novel graphical techniques with a focus on human factors, interactive graphics, and data visualization using virtual reality. This book represents a thorough cross section of internationally renowned thinkers who are inventing methods for dealing with a new data paradigm. Distinguished contributors who are international experts in aspects of data mining Includes data mining approaches to non-numerical data mining including text

data, Internet traffic data, and geographic data Highly topical discussions reflecting current thinking on contemporary technical issues, e.g. streaming data Discusses taxonomy of dataset sizes, computational complexity, and scalability usually ignored in most discussions Thorough discussion of data visualization issues blending statistical, human factors, and computational insights

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The use of Electronic Health Records (EHR)/Electronic Medical Records (EMR) data is becoming more prevalent for research. However, analysis of this type of data has many unique complications due to how they are collected, processed and types of questions that can be answered. This book covers many important topics related to using EHR/EMR data for research including data extraction, cleaning, processing, analysis, inference, and predictions based on many years of practical experience of the authors. The book carefully evaluates and compares the standard statistical models and approaches with those of machine learning and deep learning methods and reports the unbiased comparison results for these methods in predicting clinical outcomes based on the EHR data. Key Features: Written based on hands-on experience of contributors from multidisciplinary EHR research projects, which include methods and approaches from statistics, computing, informatics, data science and clinical/epidemiological domains. Documents the detailed experience on EHR data extraction, cleaning and preparation Provides a broad view of statistical approaches and machine learning prediction models to deal with the challenges and limitations of EHR data. Considers the complete cycle of EHR data analysis. The use of EHR/EMR analysis requires close collaborations between statisticians, informaticians, data scientists and clinical/epidemiological investigators. This book reflects that multidisciplinary perspective.

Topic Editor Johannes N. van den Anker is the Chief Medical Officer at Reveragen Biopharma, as well as holding his positions at academic institutions. The other Topic Editor declares no competing interests with regard to the Research

Topic subject.

2 comprehensive manuscripts in 1 book Data Science: What the Best Data Scientists Know About Data Analytics, Data Mining, Statistics, Machine Learning, and Big Data - That You Don't Data Science for Business: Predictive Modeling, Data Mining, Data Analytics, Data Warehousing, Data Visualization, Regression Analysis, Database Querying

Data Analytics for Intelligent Transportation Systems provides in-depth coverage of data-enabled methods for analyzing intelligent transportation systems that includes detailed coverage of the tools needed to implement these methods using big data analytics and other computing techniques. The book examines the major characteristics of connected transportation systems, along with the fundamental concepts of how to analyze the data they produce. It explores collecting, archiving, processing, and distributing the data, designing data infrastructures, data management and delivery systems, and the required hardware and software technologies. Users will learn how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications, along with key safety and environmental applications for both commercial and passenger vehicles, data privacy and security issues, and the role of social media data in traffic planning. Includes case studies in each chapter that illustrate the application of concepts covered Presents extensive coverage of existing and forthcoming intelligent transportation systems and data analytics technologies Contains contributors from both leading academic and commercial researchers Explains how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications

This volume comprises the select proceedings of the annual

convention of the Computer Society of India. Divided into 10 topical volumes, the proceedings present papers on state-of-the-art research, surveys, and succinct reviews. The volumes cover diverse topics ranging from communications networks to big data analytics, and from system architecture to cyber security. This volume focuses on Big Data Analytics. The contents of this book will be useful to researchers and students alike.

Cognitive Behavior- 4 BOOK BUNDLE!! Cognitive Dissonance Theory And Our Hidden Biases With this book, you get to: Understand the link between motivational and dissonance processes Understand the link between cognitive dissonance and doing well in life Understand how to enhance both your emotional intelligence and ability to manage people and situations Understand why understanding cognitive leads to stellar success in life Mental Models For Critical And Strategic Thinking With this book, you get to Understand the concept of using mental models to think critically and strategically Understand what it takes to leverage better reasoning concepts to achieve all-round success Understand how to use deep learning to help you achieve your life goals Understand how using mental models puts tremendous analytical ability at your disposal that lets you make optimal use of all the information that engulfs you in the digital age Critical Thinking And Not Deceptive Thinking Is The Way With this book, you get to: Understand the concept of critical thinking in a strategic manner Understand what it takes to overcome cognitive biases and logical fallacies Understand how to use critical thinking to help you achieve your life goals Understand how deceptive thinking can be replaced by critical thinking Cognitive Biases And The Blind Spots Of Critical Thinking With this book, you get to: Understand what cognitive biases and blind spots of critical thinking are Understand the impact of critical thinking on decision-making

Understand what Critical thinking is and how it can stop you from following irrational mental models of thinking Learn to be great at critical thinking and optimal decision making Get this book bundle NOW and SAVE money!

This book considers the challenges related to the effective implementation of artificial intelligence (AI) and machine learning (ML) technologies to the cultural heritage digitization process. Particular focus is placed on improvements to the data acquisition stage, as well as the data enrichment and curation stages, using advanced artificial intelligence techniques and tools. An emphasis is placed on recent applications related to deep learning for visual recognition, generative models, natural language processing, and super resolution. The book is a valuable reference for researchers working in the multidisciplinary field of cultural heritage and AI, as well as professional experts in the art and culture domains, such as museums, libraries, and historic sites and buildings. Reports on techniques and methods that leverage AI and machine learning and their impact on the digitization of cultural heritage; Addresses challenges of improving data acquisition, enrichment and management processes; Highlights contributions from international researchers from diverse fields and subject areas.

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Algorithms Supervised Learning Algorithms Applications of Deep Learning Models Automatic Speech and Image Recognition Natural Language Processing And of course much more! Book 3: Analyzing Data With Power BI In this book you will learn: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization, and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical, and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI And of course much more! Book 4: Reinforcement Learning With Python In this book you will learn: Types of fundamental machine learning algorithms in comparison to reinforcement learning Essentials of reinforcement learning process Marko decision processes and basic parameters How to integrate reinforcement learning algorithm using OpenAI Gym How to integrate Monte Carlo methods for prediction Monte Carlo tree search And much, much more... Book 5: Artificial Intelligence Python In this book you will learn: Different artificial intelligence approaches and goals How to define AI system Basic AI techniques Reinforcement learning And much, much more... Book 6: Text Analytics With Python In this book you will learn: Text analytics process How to build a corpus and analyze sentiment Named entity extraction with Groningen meaning bank corpus How to train your system Getting started with NLTK How to search syntax and tokenize sentences Automatic text summarization Stemming word and topic modeling with NLTK And much, much more... Book 7:

Convolutional Neural Networks In Python In this book you will learn: Architecture of convolutional neural networks Solving computer vision tasks using convolutional neural networks Python and computer vision Automatic image and speech recognition Theano and TenroeFlow image recognition And of course much more! Download this book bundle NOW and SAVE money!!

Data Analytics - 7 BOOK BUNDLE!! Book 1: Data Analytics for Beginners In this book you will learn: Putting Data Analytics to Work The Rise of Data Analytics Big Data Defined Cluster Analysis Applications of Cluster Analysis Commonly Graphed Information Data Visualization Four Important Features of Data Visualization Software And of course much more! Book 2: Deep Learning with Keras In this book you will learn: Deep Neural Network Neural Network Elements Keras Models Sequential Model Functional API Model Keras Layers Core Keras Layers Convolutional Keras Layers Recurrent Keras Layers Deep Learning Algorithms Supervised Learning Algorithms Applications of Deep Learning Models Automatic Speech and Image Recognition Natural Language Processing And of course much more! Book 3: Analyzing Data with Power BI In this book you will learn: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI And of course

much more! Book 4: Reinforcement Learning with Python In this book you will learn: Types of fundamental machine learning algorithms in comparison to reinforcement learning Essentials of reinforcement learning process Marko decision processes and basic parameters How to integrate reinforcement learning algorithm using OpenAI Gym How to integrate Monte Carlo methods for prediction Monte Carlo tree search And much, much more... Book 5: Artificial Intelligence Python In this book you will learn: Different artificial intelligence approaches and goals How to define AI system Basic AI techniques Reinforcement learning And much, much more... Book 6: Text Analytics with Python In this book you will learn: Text analytics process How to build a corpus and analyze sentiment Named entity extraction with Groningen meaning bank corpus How to train your system Getting started with NLTK How to search syntax and tokenize sentences Automatic text summarization Stemming word and topic modeling with NLTK And much, much more... Book 7: Convolutional Neural Networks in Python In this book you will learn: Architecture of convolutional neural networks Solving computer vision tasks using convolutional neural networks Python and computer vision Automatic image and speech recognition Theano and TenroeFlow image recognition And of course much more! Get this book bundle NOW and SAVE money!!

Big Data Analytics - 2 BOOK BUNDLE!! Data Analytics With Python Data is the foundation of this digital age that we live in. With this book, you are going to learn how to organize and analyze data and how to interpret vast

sources of information. This book covers various topics on data analytics such as data analytics applications, data analytics process, using Python for data analytics, Python libraries for data analytics and many other that will help you kick-start your data analytics journey from the very beginning. In this book you are going to learn how to use Python its tools in order to interpret data and examine those interesting data trends and information, which are important in predicting the future. Whether you are dealing with some medical data, sales data, web page data, you can use Python in order to interpret data, analyze it and obtain this valuable information. You can also use this data for creating data analytics models and predictions. Here Is A Brief Preview of What You'll Learn In This Book… Data analytics applications Data analytics process How to install and run Python Python data structures and Python libraries Python conditional construct and iteration Data exploration using Pandas Pandas series and dataframes Data munging and distribution analysis Carrying out binary operations Data manipulation and categorical variable analysis How to build a predictive model And of course much, much more! Natural Language Processing With Python This book is a perfect beginner's guide to natural language processing. It is offering an easy to understand guide to implementing NLP techniques using Python. Natural language processing has been around for more than fifty years, but just recently with greater amounts of data present and better computational powers, it has gained a greater popularity. Given the importance of data, there is no wonder why natural language processing is on the

rise. If you are interested in learning more, this book will serve as your best companion on this journey introducing you to this challenging, yet extremely engaging world of automatic manipulation of our human language. It covers all the basics you need to know before you dive deeper into NLP and solving more complex NLP tasks in Python. Here Is a Preview of What You'll Learn Here… The main challenges of natural language processing The history of natural language processing How natural langauge processing actually works The main natural language processing applications Text preprocessing and noise removal Feature engineering and syntactic parsing Part of speech tagging and named entity extraction Topic modeling and word embedding Text classification problems Working with text data using NLTK Text summarization and sentiment analysis And much, much more... Get this book bundle NOW and SAVE money! This book provides a collection of comprehensive research articles on data analytics and applications of wearable devices in healthcare. This Special Issue presents 28 research studies from 137 authors representing 37 institutions from 19 countries. To facilitate the understanding of the research articles, we have organized the book to show various aspects covered in this field, such as eHealth, technology-integrated research, prediction models, rehabilitation studies, prototype systems, community health studies, ergonomics design systems, technology acceptance model evaluation studies, telemonitoring systems, warning systems, application of sensors in sports studies, clinical systems, feasibility studies, geographical

location based systems, tracking systems, observational studies, risk assessment studies, human activity recognition systems, impact measurement systems, and a systematic review. We would like to take this opportunity to invite high quality research articles for our next Special Issue entitled “Digital Health and Smart Sensors for Better Management of Cancer and Chronic Diseases” as a part of Sensors journal.