Loc Quick Reference Guide

Perform efficient fast text representation and classification with Facebook's fastText library Key Features Introduction to Facebook's fastText library for NLP Perform efficient word representations, sentence classification, vector representation Build better, more scalable solutions for text representation and classification Book Description Facebook's fastText library handles text representation and classification, used for Natural Language Processing (NLP). Most organizations have to deal with enormous amounts of text data on a daily basis, and gaining efficient data insights requires powerful NLP tools such as fastText. This book is your ideal introduction to fastText. You will learn how to create fastText models from the command line, without the need for complicated code. You will explore the algorithms that fastText is built on and how to use them for word representation and text classification. Next, you will use fastText in conjunction with other popular libraries and frameworks such as Keras, TensorFlow, and PyTorch. Finally, you will deploy fastText models to mobile devices. By the end of this book, you will have all the required knowledge to use fastText in your own applications at work or in projects. What you will learn Create models using the default command line options in fastText Understand the algorithms used in fastText to create word vectors Combine command line text transformation capabilities and the fastText library to implement a training, validation, and prediction pipeline Explore word representation and sentence classification using fastText Use Gensim and spaCy to load the vectors, transform, lemmatize, and perform other NLP tasks efficiently Develop a fastText NLP classifier using popular frameworks, such as Keras, Tensorflow, and PyTorch Who this book is for This book is for data analysts, data scientists, and machine learning developers who want to perform efficient word representation and sentence classification using Facebook's fastText library. Basic knowledge of Python programming is required.

Software Engineer's Reference Book provides the fundamental principles and general approaches, contemporary information, and applications for developing the software of computer systems. The book is comprised of three main parts, an epilogue, and a comprehensive index. The first part covers the theory of computer science and relevant mathematics. Topics under this section include logic, set theory, Turing machines, theory of computation, and computational complexity. Part II is a discussion of software development methods, techniques and technology primarily based around a conventional view of the software life cycle. Topics discussed include methods such as CORE, SSADM, and SREM, and formal methods including VDM and Z. Attention is also given to other technical activities in the life cycle including testing and prototyping. The final part describes the techniques and standards which are relevant in producing particular classes of application. The text will be of great use to software engineers, software project managers, and students of computer science.

Explore the different data mining techniques using the libraries and packages offered by Python Key Features Grasp the basics of data loading, cleaning, analysis, and visualization Use the popular Python libraries such as NumPy, pandas, matplotlib, and scikit-learn for data mining Your one-stop guide to build efficient data mining pipelines without going into too much theory Book Description Data mining is a necessary and predictable response to the dawn of the information age. It is typically defined as the pattern and/ or trend discovery phase in the data mining pipeline, and Python is a popular tool for performing these tasks as it offers a wide variety of tools for data mining. This book will serve as a quick introduction to the concept of data mining and putting it to practical use with the help of popular Python packages and libraries. You will get a hands-on demonstration of working with different real-world datasets and extracting useful insights from them using popular Python libraries such as NumPy, pandas, scikit-learn, and matplotlib. You will then learn the different stages of data mining such as data loading, cleaning, analysis, and visualization. You will also get a full conceptual description of popular data transformation, clustering, and classification techniques. By the end of this book, you will be able to build an efficient data mining pipeline using Python without any hassle. What you will learn Explore the methods for summarizing datasets and visualizing/plotting data Collect and format data for analytical work Assign data points into groups and visualize clustering patterns Learn how to predict continuous and categorical outputs for data Clean, filter noise from, and reduce the dimensions of data Serialize a data processing model using scikit-learn's pipeline feature Deploy the data processing model using Python's pickle module Who this book is for Python developers interested in getting started with data mining will love this book. Budding data scientists and data analysts looking to quickly get to grips with practical data mining with Python will also find this book to be useful. Knowledge of Python programming is all you need to get started.

Tarascon Emergency Department Quick Reference Guide

The Principal?s Quick-Reference Guide to School Law

Build robust and scalable web applications with modern JavaScript techniques

Botulinum Toxin Dosing Manual

Sanskrit Manual

Python Data Mining Quick Start Guide

The go-to legal resource for today's principals! New technology and world events have upended everything we once took for granted about schools, including the laws and policies that govern them. School safety concerns, curriculum challenges, the ever-changing landscape of social media, and the 2020/2021 COVID-19 crisis have made school leadership an infinitely more complex arena. Familiarity with the law is essential to help principals maintain safe and equitable communities and minimize legal risk. The 4th edition of The Principal's Quick-Reference Guide to School Law provides the go-to help principals need to increase their knowledge of education law in this time of change. Within its pages, leaders can access tools to help them make better decisions when educational law related issues impact their schools. Readers will find A completely revamped design for easier reference Practical examples to help demystify complex cases Updated cases studies from 2014 to today Guidance on new topics, such as vaping, sexting, student protests and walkouts An "Education Law 101 for Teachers" section to help leaders provide basic legal training for staff and teachers. Written for aspiring and current school principals, this book will answer all the "what if" questions that inevitably arise at least once in every leader's tenure.

TensorFlow is one of the most popular machine learning frameworks in Python. With this book, you will improve your knowledge of some of the latest TensorFlow features and will be able to perform supervised and unsupervised machine learning and also train neural networks.

Tarascon Emergency Department Quick Reference GuideJones & Bartlett Publishers

Get up to speed with the newly introduced features of TensorFlow 2.0

The PROACT® Root Cause Analysis

FLICC Newsletter

FFS Quick Reference Guide

Fostering Resilient Learners

Software Engineer's Reference Book

This book is designed to serve as a convenient quick-reference guide to the grammar of classical Sanskrit, for the use of university students and others. It is not intended to be a complete grammar of the language.

Configured for quick point-of-care consult, Botulinum Toxin Dosing Manual is the must-have resource for practitioners and trainees at any level. This practical compendium provides comprehensive information on applications and dosing guidelines for all four FDA-approved toxins, and also includes agency-approved indications and ranges for Canada, the UK, and selected EU countries. Detailed botulinum toxin (or neurotoxin) (BoNT) dosage information is presented in an easy-to-navigate table format. The tables are organized by clinical indication along with each agency-approved dosage where available and the published dosage ranges per treatment session and per structure injected. Covering applications for neurological, urological, neurosecretory, and pain conditions with side-by-side product dosing comparisons, the guide allows clinicians to quickly calculate the dosage of a given BoNT product for a particular indication and/or structure and choose the best option for treatment. Anatomical illustrations are provided at the end of the book to enhance the localization of muscles and other target structures during the injection planning process. This handy manual is indispensable for new injectors and experienced clinicians alike, who need to stay current with the ever-expanding indications and dosage recommendations to create effective treatment plans for their patients. Key Features: Up-to-date guidelines and dosage ranges for FDA-approved botulinum toxins and applications for adults and children; includes agency-approved ranges for Canada, the UK, and EU Current information on published dosage ranges from studies for FDA-approved botulinum toxins fit for adults and children for most clinical applications Information organized in user-friendly table format to speed dosage calculation for clinicians treating patients with BoNT Published dosing recommendations for a wide variety of indications by muscle or group, dilution, injection sites, and more Anatomic drawings illustrate muscle relationships and insertion points

Gary Rosenzweig introduces the multimedia authoring platform Macromedia Director 8.5. He lays a solid foundation so that the reader can learn the software's advanced 3-D functionality. Special attention is given to Director's 3D API.

Quick Reference Guide

The Illustrated AutoCAD Quick Reference Guide R14

Office and Emergency Room Procedures

Discover the Secret to Driving Growth, Profitability, and Cash Flow Higher

Building High-Performance Fox Mustangs on a Budget

`Build real-world robust web applications and APIs using the modern and expressive Koa Node.js framework. Key Features Get up and running with Koa.js and leverage its power with node.js Get the most out of Koa Async functions and generators Create real time dynamic serverside apps efficiently with Koa.js Book Description Every developer wants to build modular and scalable web applications. Modern versions of JavaScript have made this possible in Node.js, and Koa is a Node.js framework that makes it easy. This book is the ideal introduction for JavaScript developers who want to create scalable server side applications using Node.js and Koa.js. The book shows you how Koa can be used to start projects from scratch, register custom and existing middleware, read requests, and send responses to users. We will explore the core concepts in Koa, such as error handling, logging, and request and response handling. We will dive into new concepts in JavaScript development, and see how paradigms such as async/await help with modern Node.js application development. By the end of this book, you will be building robust web applications in Koa using modern development paradigms and techniques of Node.js development. What you will learn Create a simple server in Node.js and Koa Work with custom middleware in Koa Handle errors in Koa Create routes, handle requests, and send responses from APIs Build views and use templates in Koa Authenticate your application and structure it properly in Koa Who this book is for This book is for serverside developers and JavaScript developers who want to use Koa.js and Node.js to create fast and real time back end applications.`

`Discover the power of location data to build effective, intelligent data models with Geospatial ecosystems Key FeaturesManipulate location-based data and create intelligent geospatial data modelsBuild effective location recommendation systems used by popular companies such as UberA hands-on guide to help you consume spatial data and parallelize GIS operations effectivelyBook Description Data scientists, who have access to vast data streams, are a bit myopic when it comes to intrinsic and extrinsic locatin-based data and are missing out on the intelligence it can provide to their models. This book demonstrates effective techniques for using the power of data science and geospatial intelligence to build effective, intelligent data models that make use of location-based data to give useful predictions and analyses. This book begins with a quick overview of the fundamentals of location-based data and how techniques such as Exploratory Data Analysis can be applied to it. We then delve into spatial operations such as computing distances, areas, extents, centroids, buffer polygons, intersecting geometries, geocoding, and more, which adds additional context to location data. Moving ahead, you will learn how to quickly build and deploy a geo-fencing system using Python. Lastly, you will learn how to leverage geospatial analysis techniques in popular recommendation systems such as collaborative filtering and location-based recommendations, and more. By the end of the book, you will be a rockstar when it comes to performing geospatial analysis with ease. What you will learnLearn how companies now use location dataSet up your Python environment and install Python geospatial packagesVisualize spatial data as graphsExtract geometry from spatial dataPerform spatial regression from scratchBuild web applications which dynamically references geospatial dataWho this book is for Data Scientists who would like to leverage location-based data and want to use location-based intelligence in their data models will find this book useful. This book is also for GIS developers who wish to incorporate data analysis in their projects. Knowledge of Python programming and some basic understanding of data analysis are all you need to get the most out of this book.`

`Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.`

`Introducing SEO`

`Effective techniques for performing smarter geospatial analysis using location intelligence`

`A 6-Step Process for Generating and Implementing Creative Solutions`

`Nursing Skills in Control and Coordination`

`WESTLAW Reference Manual`

`The Quick Reference Guide to Educational Innovations`

`Floors that generate power, the electronic wall, mix-'n-match modular school buildings, along with the Education Congress of the States and the 622 Curriculum are among the suggestions offered by Ebert and Maxwell in this provocative view toward revolutionizing one of the oldest institutions in the United States: Public Education.`

`In this galvanizing book for all educators, Kristin Souers and Pete Hall explore an urgent and growing issue--childhood trauma--and its profound effect on learning and teaching. Grounded in research and the authors' experience working with trauma-affected students and their teachers, Fostering Resilient Learners will help you cultivate a trauma-sensitive learning environment for students across all content areas, grade levels, and educational settings. The authors--a mental health therapist and a veteran principal--provide proven, reliable strategies to help you * Understand what trauma is and how it hinders the learning, motivation, and success of all students in the classroom. * Build strong relationships and create a safe space to enable students to learn at high levels. * Adopt a strengths-based approach that leads you to recalibrate how you view destructive student behaviors and to perceive what students need to break negative cycles. * Head off frustration and burnout with essential self-care techniques that will help you and your students flourish. Each chapter also includes questions and exercises to encourage reflection and extension of the ideas in this book. As an educator, you face the impact of trauma in the classroom every day. Let this book be your guide to seeking solutions rather than dwelling on problems, to building relationships that allow students to grow, thrive, and--most assuredly--learn at high levels.`

`Root Cause Analysis, or RCA, "What is it?" Everyone uses the term, but everyone does it differently. How can we have any uniformity in our approach, much less accurately compare our results, if we're applying different definitions? At a high level, we will explain the difference between RCA and Shallow Cause Analysis, because that is the difference between allowing a failure to recur or dramatically reducing the risk of recurrence. In this book, we will get down to basics about RCA, the fundamentals of blocking and tackling, and explain the common steps of any investigative occupation. Common investigation steps include: Preserving evidence (data)/not allowing hearsay to fly as fact Organizing an appropriate team/minimizing potential bias Analyzing the events/reconstructing the incident based on actual evidence Communicating findings and recommendations/ensuring effective recommendations are actually developed and implemented Tracking bottom-line results/ensuring that identified, meaningful metrics were attained We explore, "Why don't things always go as planned?" When our actual plans deviate from our intended plans, we usually experience some type of undesirable or unintended outcome. We analyze the anatomy of a failure (undesirable outcome) and provide a step-by-step guide to conducting a comprehensive RCA based on our 3+ decades of applying RCA as we have successfully practiced it in the field. This book is written as a how-to guide to effectively apply the PROACT® RCA methodology to any undesirable outcome, is directed at practitioners who have to do the real work, focuses on the core elements of any investigation, and provides a field-proven case as a model for effective application. This book is for anyone charged with having a thorough understanding of why something went wrong, such as those in EH&S, maintenance, reliability, quality, engineering, and operations to name just a few.`

`A Quick Reference Guide to the Phonology and Grammar of Classical Sanskrit`

`The Design Thinking Quick Start Guide`

`Geospatial Data Science Quick Start Guide`

`A Quick Start Guide to Financial Forecasting`

`Transgender Rights`

`FEDLINK Technical Notes`

Looking at how a variety of biological systems control and coordinate all physical actions, this quick reference book covers the nervous system and neurological assessment, caring for the unconscious patient and dealing with pain. Suitable for student nurses and nursing associates, it is ideal for use in practice. This practical pocket guide covers: • the anatomy and physiology of the nervous system • neurological assessment • caring for the unconscious patient • pain assessment and management • sleep. This competency-based text covers relevant key concepts, anatomy and physiology, lifespan matters, assessment and nursing skills. To support your learning, it also includes learning outcomes, concept map summaries, activities, questions and scenarios with sample answers and critical reflection thinking points. Quick and easy to reference, this short, clinically-focused guide is ideal for use on placements or for revision. It is suitable for pre-registration nurses, students on the nursing associate programme and newly qualified nurses.

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Parent's Quick Start Guide to Autism provides parents and caregivers with an immediate overview of autism spectrum disorder (ASD) and steps they can take to support and encourage their child. Each chapter is packed with detailed and helpful information, covering what to do at home and at school, how to avoid common mistakes, and how (and when) to seek professional help. Summary and resource sections at the end of each chapter give quick guidance to busy readers. Topics include occupational therapy, applied behavior analysis (ABA), cognitive behavioral therapy (CBT), interventions, and more. Offering straightforward, easy to understand, and evidence-based information, this book is a go-to resource for caregivers parenting a child with autism.

Increasing Engagement in Online Learning (Quick Reference Guide)
The Pediatric Eye Exam Quick Reference Guide: Office and Emergency Room Procedures
Unreal Engine Virtual Reality Quick Start Guide
Parent's Quick Start Guide to Autism
Popular Mechanics
Server Side development with Node.js and Koa.js Quick Start Guide

A brief, beautiful introduction to Design Thinking that inspires business creativity and innovative solutions The Design Thinking Quick Start Guide: A 6-Step Process for Generating and Implementing Creative Solutionsshows you how you and your team can become more creative. This book presents methods you can use to innovate playfully and enjoyably. The Design Thinking Quick Start Guide is full of practical tools and activities, like the 6-3-5 method of brainstorming, to help you and your team get creative. For each of the six steps in the design thinking process, the authors offer two warm-ups that get teams ready to contribute and arrive at innovative solutions. Spur innovation with checklists for brainstorming and implementation Learn how to generate new ideas Lead your team in a proven process for doing creative work Whether you're new to design thinking or experienced, the clearly outlined steps in this guide will inspire you to create and implement great ideas.

This book examines the transgender community's struggle for equality over the last decade, comparing the Obama and Trump administrations' stance on transgender rights policies. Transgender rights claims have assumed an important place on the nation's policymaking agenda as society has increasingly become aware that transgender individuals are subject to discrimination because they do not conform to the norms of the gender identity they were assigned at birth. With Congress virtually absent from the policymaking process, the executive branch and the federal courts have been chiefly responsible for determining the parameters of transgender rights policies. The study contrasts the Obama administration's efforts to expand equal rights for the transgender community, especially in employment, education, and military service, with the Trump administration's determination to rescind the Obama-era initiatives. In their efforts to do so, Trump administration officials have urged the courts to reverse decisions extending the benefit of civil rights laws and constitutional guarantees to the transgender community, arguing that gender identity is outside the scope of these protections. Although most federal courts have been inclined to accept the Obama administration's perspective on transgender rights, ultimately, this will be a matter for the U.S. Supreme Court to decide. The book is appropriate for students, scholars, and interested general readers.

Online instruction experts Stephanie Smith Budhai and Laura McLaughlin offer advice on how to increase engagement and participation in a digital or hybrid learning space.

TensorFlow 2.0 Quick Start Guide
Practices, Programs, Policies, and Philosophies
From Obama to Trump
Special Edition Using Director 8.5
Design and Develop immersive virtual reality experiences with Unreal Engine 4
Public Education and the American Culture

Now put the power and speed of AutoCAD Release 14 at your fingertips with this illustrated quick reference. For easy reference, commands and functions are listed alphabetically, and new R14 commands and features are highlighted. With its clear, concise descriptions and illustrations, this book will become an invaluable part of an AutoCAD user's reference library.

"From the publishers of Tarascon Pocket Pharmacopoeia."

There is a need for comprehensive books that provide crucial information in a clear and direct manner, particularly in the medical field. Currently, there are limited resources available to students and clinicians that provide step-by-step procedures with pictures on how to examine the eye in the pediatric population. The Pediatric Eye Exam Quick Reference Guide: Office and Emergency Room Procedures is a clinical procedure book to provide step-by-step pediatric eye care examination techniques and is an important addition to the field of eye care. The chapters are written by leading pediatric optometrists and ophthalmologists in the field. Years of academic and clinical experiences from schools of optometry, hospital-based eye care, and private practice are all presented in a user-friendly format with clinical pearls and insights that will help any clinician perform a pediatric eye exam easily and efficiently. Covering a range of critical topics such as pupil examination, visual field testing, refraction, and ocular emergencies and providing pictures, it is ideal for all students, residents, academicians, trainers, and novel and seasoned clinicians who are interested in learning how to examine a pediatric patient and staying on top of the latest pediatric eye care procedures.

fastText Quick Start Guide
Magento 2 Development Quick Start Guide
Hot Line Farm Equipment Guide Quick Reference Guide
OpenSimulator: School Quick Start Guide
Culture X Goes to School
Strategies for Creating a Trauma-Sensitive Classroom

8 1/2 x 11. 350 b&w photosWhen Ford introduced the new 1979 Mustangs on what is known as the Fox platform, it sparked a new revolution in automotive modification and performance. Hailed as the "sports car for the masses," the Mustang GT soon became one of the most modified cars Ford has ever produced. The Mustang's low entry price, followed by the storm of available aftermarket parts, has made the Fox-bodied Mustang (1979-1995) the most desirable and modified car on the market in the last 20 years.How To Build Max Performance Fox Mustangs on a Budget is an essential book for anyone who wants to modify this affordable and popular sports car, covering everything from planning your project, engine modification and performance, transmission and driveline upgrades, to suspension performance modification and body modification.

In their struggle to identify successful solutions for their schools, teachers, administrators, board members, and parents must wade through reams of educational rhetoric and sales hype. This resource is designed to serve a broad audience of practicing teachers, preservice teachers, administrators, resource teachers, college professors, parents, and others who would like to stay abreast of new education programs and innovations. It objectively explains how each program, practice, and philosophy is supported by research and how it really works in schools. It provides straightforward definitions and concisely illustrates the practical applications and supporting research for approximately 125 educational innovations. Entries include feedback from award-winning teachers, giving educators an unbiased view of real-world effectiveness. Some highlights are as follows: (1) the exploration of more than 60 innovative practices, including assertive discipline, computer-assisted instruction, conflict resolution, distance learning, and the Socratic method; (2) an examination of results-oriented programs, including emergent literacy, Jumpstart, and Touch Point Math; (3) detailed discussion of policies regarding immersion and inclusion, standardized testing, and summer school; and (4) comprehensive coverage of movement, concepts, and theories, including brain-based learning, mainstreaming, multicultural education, and school vouchers. (Contains 135 references.) (RT)

Create an interactive online store and customize it further using Magento Key FeaturesStraightforward guide to developing with MagentoExamples of different types of extensionCustomize the Magento storefront and admin areasBook Description Magento is an open source, enterprise-level e-commerce platform with unlimited scope for customization. This makes it a great choice not only for vendors, but for developers as well. This book guides you through Magento development, teaching you how to develop modules that extend or change its functionality, leading to more flexible and proftable Magento stores. You start with a structural overview of the key Magento development components. You will learn where things such as plugins, events, models, controllers, layouts, and UI components ft into the development landscape. You will go through examples of using these components to extend Magento. As you progress, you will be building a diverse series of small but practical Magento modules. By the end of this book, you will not only have a solid foundation in the Magento development architecture; you will also have practical experience of developing modules to customize and extend Magento stores. What you will learnDevelop a simple shipping moduleBuild admin interfaces with the built-in form and listing UI componentsImplement JavaScript components for improved customer experienceAccommodate vendor needs by adding new catalog-related featuresDevelop your way to a better checkoutImprove customer interaction with new customer-related extensionsCreate new web APIs to make your modules more extensibleWho this book is for This book is for competent PHP developers, with only basic knowledge of the Magento platform required.

Reducing Liability, Litigation, and Other Potential Legal Tangles
Build better stores by extending Magento
Get started with Facebook's library for text representation and classification
A beginner's guide to extracting valuable insights from your data
Beasley's Guide to Library Research
Popular Science

Unreal Engine VR Quick Start Guide introduces designers to the guidelines and design processes necessary to build interactive VR experiences. Learn to use User Experience design techniques and Blueprint programming to create virtual reality gameplay for HTC Vive, Oculus Rift, PSVR, and Windows Mixed Reality headsets.

Written and organized for easy access, the reader is guided step-by-step through library rules and methods of operation, the effective use of various cataloguing systems, and the location of materials.

Use this easy-to-digest brief introduction to leverage search engine optimization (SEO) - an imperative methodology used to improve the visibility of websites using different strategies and techniques. Using a calculative and practical approach, this book teaches you the techniques, practical implementations, and concepts of SEO that will enable you to get to grips with the fundamental aspects of search engine optimization. Introducing SEO jumpstarts your knowledge using an easy-to-follow approach – add it to your library today. What You'll Learn Incorporate effective SEO into your workflow Use keywords, link building, and online social media marketing Implement SEO-specific plans and strategies Employ strategies that will result in better website visibility Who This Book Is For Beginners who want a quick, no-nonsense introduction to SEO. No prior experience or knowledge of SEO is required to understand the concepts in this book.

Your quick-start guide to effective SEO practices