

Big Data La Guida Completa Per Il Data Scientist

Aggiornata a .NET 2015 e Visual Studio 2015, questa guida completa a Visual Basic 2015 è l'espressione corale di un gruppo di sviluppatori che, sin dalla sua prima versione, utilizza questo linguaggio per costruire applicazioni di ogni tipo, da quelle dedicate al web fino a complessi sistemi enterprise. Il libro, che include le ultime novità introdotte dal framework nella versione 2015, tratta le basi del linguaggio fino ai concetti più avanzati, spiega l'uso dell'OOP in Visual Basic, per poi passare alle tecnologie più attuali come LINQ, Entity Framework, WPF, Windows 10, ASP.NET e WCF. È il testo ideale sia per chi inizia a programmare sia per chi usa da tempo questo linguaggio e vuole scoprire tutte le novità di Visual Basic 2015.

Creative professionals seeking the fastest, easiest, most comprehensive way to learn Adobe Photoshop choose Adobe Photoshop Classroom in a Book (2020 release) from Adobe Press. The 15 project-based lessons show key step-by-step techniques for working in Photoshop, including how to correct, enhance, and distort digital images, create image composites, and prepare images for print and the web. In addition to learning the essential elements of the Photoshop interface, this revised edition for the 2020 release covers features like the new Object Selection tool, saving Cloud Documents for easy access from Photoshop on other devices such as the Apple iPad, removing objects with upgraded Content-Aware Fill, applying styles and objects such as gradients and shapes, instantly using redesigned Presets panels, and much more! The online companion files include all the necessary assets for readers to complete the projects featured in each chapter. All buyers of the book get full access to the Web Edition: A Web-based version of the complete ebook enhanced with video and multiple-choice quizzes

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

The POCKET GUIDE TO THE BREASTFEEDING ANSWER BOOK is a necessity for anyone who works in the field of lactation. The information is up-to-date, in-depth, and easy to access, making it practical for quick reference, while its broad scope makes it a complete resource. When La Leche League International introduced THE BREASTFEEDING ANSWER BOOK IN 1991, breastfeeding counselors worldwide welcomed it as the most complete and comprehensive guide to helping mothers find answers to their breastfeeding questions. La Leche League International has done it again with the new POCKET GUIDE TO THE BREASTFEEDING ANSWER BOOK. This guide packs a tremendous amount of practical breastfeeding information in its small size. La Leche League International's Center for Breastfeeding Information, the world's most extensive collection of research related to breastfeeding was the primary source of scientific studies used for

this comprehensive guide.

Sul piano pedagogico, nei più di 50 anni di storia che ci separano dal '68 – caratterizzati in gran parte da miopia progettuale, aggiustamenti-tampone dell'esistente, tatticismi dalla vista corta – l'unica eredità condivisa in contro tendenza, che rinasce continuamente dalle ceneri della dimenticanza e dalle spinte conservatrici della rimozione, è l'esperienza pedagogica ed umana di don Milani. Il famoso pamphlet Lettera ad una professoressa è del 1967 e quel testo intercetta temi, problemi, prospettive storico-politico-socio-pedagogiche che, affrontati subito e nella giusta maniera, forse avrebbero spuntato le armi della successiva protesta sessantottina, con tutti gli eccessi che si conoscono. Di fatto, le denunce del Sessantotto furono elaborate in proposte di cambiamento in parte, e solo più tardi, tra circospezioni e reticenze. Il volume esplora questa dialettica di continuità/discontinuità dal punto di vista della pedagogia generale e della storia della pedagogia, mostrando, nelle quattro sezioni in cui è articolato, quanto, in fondo, essa resti tuttora irrisolta. Emblematico in questo senso il “caso” della scuola pedagogica patavina, con il suo protagonista Marcello Peretti, a cui è dedicata, appunto, l'intera quarta parte del libro.

Take full creative control of your web applications with Flask, the Python-based microframework. With this hands-on book, you'll learn Flask from the ground up by developing a complete social blogging application step-by-step. Author Miguel Grinberg walks you through the framework's core functionality, and shows you how to extend applications with advanced web techniques such as database migration and web service communication. Rather than impose development guidelines as other frameworks do, Flask leaves the business of extensions up to you. If you have Python experience, this book shows you how to take advantage of that creative freedom. Learn Flask's basic application structure and write an example app Work with must-have components—templates, databases, web forms, and email support Use packages and modules to structure a large application that scales Implement user authentication, roles, and profiles Build a blogging feature by reusing templates, paginating item lists, and working with rich text Use a Flask-based RESTful API to expose app functionality to smartphones, tablets, and other third-party clients Learn how to run unit tests and enhance application performance Explore options for deploying your web app to a production server

Foreword by Oliver Schabenberger, PhD Executive Vice President, Chief Operating Officer and Chief Technology Officer SAS Dive into deep learning! Machine learning and deep learning are ubiquitous in our homes and workplaces—from machine translation to image recognition and predictive analytics to autonomous driving. Deep learning holds the promise of improving many everyday tasks in a variety of disciplines. Much deep learning literature explains the mechanics of deep learning with the goal of implementing cognitive applications fueled by Big Data. This book is different. Written by an expert in high-performance analytics, Deep Learning for Numerical Applications with SAS introduces a new field: Deep Learning for Numerical Applications (DL4NA). Contrary to deep learning, the primary goal of DL4NA is not to learn from data but to dramatically improve the performance of numerical applications by training deep neural networks. Deep Learning for Numerical Applications with SAS presents deep learning concepts in SAS along with step-by-step techniques that allow you to easily reproduce the examples on your high-performance analytics systems. It also discusses the latest hardware innovations that can power your SAS programs: from many-core CPUs to GPUs to FPGAs to ASICs. This book assumes the reader has no prior knowledge of high-performance computing, machine learning, or deep learning. It is intended for SAS developers who want to develop and run the fastest analytics. In addition to discovering the latest trends in hybrid architectures with GPUs and FPGAS, readers will learn how to Use deep learning in SAS Speed up their analytics using deep learning Easily write highly parallel programs using the many task computing paradigms This book is part of the SAS Press program.

In Italia, 8 su 10 imprenditori che iniziano un business falliscono entro i primi 18 mesi. Ovvero l'80% di crash. Ma che cosa fa fallire un business? Che cosa invece lo rende vincente? Quali sono le differenze tra chi ha successo e chi no? Un libro pensato per aiutare manager e imprenditori a vincere. Un libro che raccoglie tecniche, strategie, casi di coloro che abbiano saputo fare la differenza e passare da startup ad azienda milionaria. Ma come hanno fatto? Quali elementi comuni li caratterizzano? Come diventare il prossimo imprenditore di successo? Come evitare il fallimento? Quali sono i consigli giusti? Quali le direzioni? Quali i rischi? Un libro che nasce dalla ventennale esperienza dei due autori proprio per rispondere a queste domande. Imprenditori loro stessi, hanno inserito la loro conoscenza e competenza in un volume che intende guidare sia gli aspiranti imprenditori, sia le startup, ma anche le piccole medie imprese e i grandi business, a non commettere i classici errori che fanno inesorabilmente fallire le aziende.

Apache Hadoop è una piattaforma dati ampiamente utilizzata e distribuita. Consente di elaborare in modo efficiente grandi serie di dati invece di utilizzare un unico grande computer per memorizzare ed elaborare i dati. Questo libro vi farà iniziare con l'ecosistema Hadoop e vi introdurrà ai principali argomenti tecnici, tra cui MapReduce, YARN e HDFS. Il libro inizia con una panoramica dei grandi dati e Apache Hadoop. Poi, si creerà un ambiente di sviluppo pseudo-cluster Hadoop e un cluster Hadoop aziendale multi-nodo. Vedrete come il paradigma della programmazione parallela, quale MapReduce, può risolvere molti problemi complessi di elaborazione dati. Il libro tratta anche gli aspetti importanti del ciclo di vita dello sviluppo di software per grandi dati, tra cui l'assicurazione e il controllo della qualità, le prestazioni, l'amministrazione e il monitoraggio. Potrai quindi conoscere l'ecosistema Hadoop e strumenti come Kafka, Sqoop, Flume, Pig, Hive e HBase. Infine, vedrete argomenti avanzati, incluso lo streaming in tempo reale usando Apache Storm, e l'analisi dei dati usando Apache Spark. Alla fine del libro, sarete a conoscenza delle diverse configurazioni del cluster Hadoop 3. Cosa Imparerai Memorizzare e analizzare i dati in scala utilizzando HDFS, MapReduce e YARN Installare e configurare Hadoop 3 in diverse modalità Utilizzare il filato in modo efficace per eseguire diverse applicazioni su piattaforma basata su Hadoop Comprendere e monitorare come viene gestito il cluster Hadoop Consumare i dati in streaming utilizzando Storm, e poi analizzarli utilizzando Spark Esplora i componenti dell'ecosistema Apache Hadoop, come Flume, Sqoop, HBase, Hive e Kafka. Indice dei contenuti

Today, scientific computing and data analysis play an integral part in most scientific disciplines ranging from mathematics and biology to imaging processing and finance. With GNU Octave you have a highly flexible tool that can solve a vast number of such different problems as complex statistical analysis and dynamical system studies. The GNU Octave Beginner's Guide gives you an introduction that enables you to solve and analyze complicated numerical problems. The book is based on numerous concrete examples and at the end of each chapter you will find exercises to test your knowledge. It's easy to learn GNU Octave, with the GNU Octave Beginner's Guide to hand. Using real-world examples the GNU Octave Beginner's Guide will take you through the most important aspects of GNU Octave. This practical guide takes you from the basics where you are introduced to the interpreter to a more advanced level where you will learn how to build your own specialized and highly optimized GNU Octave toolbox package. The book starts by introducing you to work variables like vectors and matrices, demonstrating how to perform simple arithmetic operations on these objects before explaining how to use some of the simple functionality that comes with GNU Octave, including plotting. It then goes on to show you how to write new functionality into GNU Octave and how to make a toolbox package to solve your specific problem. Finally, it demonstrates how to optimize your code and link GNU Octave with C and C++ code enabling you to solve even the most computationally demanding tasks. After reading GNU Octave Beginner's Guide you will be able to use and tailor GNU Octave to solve most numerical problems and perform complicated data analysis with ease.

Hadoop è un progetto open source che permette di analizzare enormi quantità di dati distribuiti su cluster e file system differenti. Progettato per essere scalabile da un singolo server fino a migliaia di macchine, Hadoop si occupa anche di gestire problemi e guasti a livello applicativo - piuttosto che hardware - contribuendo a ottimizzare il mantenimento dei dati archiviati. Questo libro è dedicato a chi vuole entrare nel mondo della gestione e dell'analisi di Big Data. Attraverso l'uso degli strumenti e dei framework che compongono Hadoop 2, il lettore viene guidato nella progettazione e nell'implementazione di soluzioni di complessità differente, in grado di adattarsi a necessità operative e gestionali diverse che considerano sia la creazione e il mantenimento di dataset, sia la loro elaborazione e analisi per ottenere il massimo dai dati collezionati.

bookdown: Authoring Books and Technical Documents with R Markdown presents a much easier way to write books and technical publications than traditional tools such as LaTeX and Word. The bookdown package inherits the simplicity of syntax and flexibility for data analysis from R Markdown, and extends R Markdown for technical writing, so that you can make better use of document elements such as figures, tables, equations, theorems, citations, and references. Similar to LaTeX, you can number and cross-reference these elements with bookdown. Your document can even include live examples so readers can interact with them while reading the book. The book can be rendered to multiple output formats, including LaTeX/PDF, HTML, EPUB, and Word, thus making it easy to put your documents online. The style and theme of these output formats can be customized. We used books and R primarily for examples in this book, but bookdown is not only for books or R. Most features introduced in this book also apply to other types of publications: journal papers, reports, dissertations, course handouts, study notes, and even novels. You do not have to use R, either. Other choices of computing languages include Python, C, C++, SQL, Bash, Stan, JavaScript, and so on, although R is best supported. You can also leave out computing, for example, to write a fiction. This book itself is an example of publishing with bookdown and R Markdown, and its source is fully available on GitHub.

R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Golemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate

who trains engineers to do data science with R and the Tidyverse.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, *Analyzing Data with Power BI and Power Pivot for Excel* (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>.

Exploring how neoliberalism has discovered the productive force of the psyche Byung-Chul Han, a star of German philosophy, continues his passionate critique of neoliberalism, trenchantly describing a regime of technological domination that, in contrast to Foucault's biopower, has discovered the productive force of the psyche. In the course of discussing all the facets of neoliberal psychopolitics fueling our contemporary crisis of freedom, Han elaborates an analytical framework that provides an original theory of Big Data and a lucid phenomenology of emotion. But this provocative essay proposes counter models too, presenting a wealth of ideas and surprising alternatives at every turn.

Bass basics, major scales and modes, harmonic and melodic minor scales and modes, arpeggio patterns and symmetric scales (whole tone and diminished). *Serious Electric Bass* is a definitive, comprehensive, user-friendly guide for electric bassists of all levels.

Il marketing digitale sta vivendo una rivoluzione rilevante: da una parte i dati a disposizione per analizzare il proprio business online crescono sempre più, dall'altra i mezzi per poter promuovere la propria attività stanno diventando sempre più potenti. La marketing automation consente di automatizzare i processi legati al business online e in questi anni le aziende che hanno adottato questo metodo di lavoro hanno incrementato in maniera significativa il proprio giro d'affari. Questo libro è rivolto a chi già opera o vuol operare nel mondo del digitale e che desidera potenziare il proprio business online, trovando soluzioni per automatizzare i processi e le attività, utilizzando strategie di web marketing e piattaforme che dialogano tra loro in automatico. Questo libro illustra la Marketing Automation per tutte le azioni di marketing e analizza tutti gli strumenti attualmente a disposizione di manager, imprenditori e PMI per semplificare e rendere più produttiva ogni attività online.

Questa edizione italiana del testo di riferimento internazionale sul BIM è nata dall'esigenza, condivisa con gran parte del mondo della progettazione e produzione edilizia, di fornire al panorama della committenza pubblica o privata, delle professioni e delle imprese, un volume che fosse capace di mettere in evidenza la grande novità rappresentata dall'adozione del BIM all'interno dei propri processi ideativi, produttivi e gestionali. Nella prima parte il volume affronta le tematiche relative alla gestione contrattuale del settore delle costruzioni e di come l'introduzione del BIM stia spostando l'attenzione degli attori su processi collaborativi; esamina quindi tutto l'apparato tecnologico (hardware e software) in termini di interoperabilità e di piattaforme BIM. I capitoli successivi riguardano rispettivamente i proprietari o i gestori dell'edificio, i progettisti, le imprese esecutrici e infine i subappaltatori

e i fornitori; questi capitoli evidenziano gli sforzi richiesti dallo sviluppo del BIM all'interno dei processi aziendali, i possibili elementi di resistenza, ma soprattutto permettono di intravedere le ottimizzazioni di quegli elementi di scarsa produttività che la gestione tradizionale mantiene fortemente in essere. Un intero nuovo capitolo introduce l'importante punto di vista offerto dagli autori su come il BIM sia destinato a modificare questo settore nel breve e nel medio termine, cui fa seguito un capitolo che presenta il livello di diffusione del BIM nei diversi continenti, riportando una scheda riepilogativa per paese da cui è possibile estrarre sia norme tecniche sia report applicativi o linee guida. L'ultimo capitolo offre, tra gli altri, alcuni casi studio afferenti alla realtà italiana, a riprova dell'attenzione che anche nel nostro Paese va rivolgendosi nei confronti del BIM.

Ogni giorno nel mondo vengono creati miliardi di dati digitali. Questa mole di informazione proviene dal notevole incremento di dispositivi che automatizzano numerose operazioni – record delle transazioni di acquisto e segnali GPS dei cellulari, per esempio – e dal Web: foto, video, post, articoli e contenuti digitali generati e diffusi dagli utenti tramite i social media. L'elaborazione di questi "big data" richiede elevate capacità di calcolo, tecnologie e risorse che vanno ben al di là dei sistemi convenzionali di gestione e immagazzinamento dei dati. Il testo esplora il mondo dei "grandi dati" e ne offre una descrizione e classificazione, presentando le opportunità che possono derivare dal loro utilizzo. Descrive le soluzioni software e hardware dedicate, riservando ampio spazio alle implementazioni Open Source e alle principali offerte cloud. Si propone dunque come una guida approfondita agli strumenti e alle tecnologie che permettono l'analisi e la gestione di grandi quantità di dati. Il volume è dedicato a chi, in università e in azienda (database administrator, IT manager, professionisti di Business Intelligence) intende approfondire le tematiche relative ai big data. È, inoltre, un valido supporto per il management aziendale per comprendere come ottenere informazioni utilizzabili nei processi decisionali. Alessandro Rezzani insegna presso l'Università Bocconi di Milano. È esperto di progettazione e implementazione di Data Warehouse, di processi ETL, database multidimensionali e soluzioni di reporting. Attualmente si occupa di disegno e implementazione di soluzioni di Business Intelligence presso Factory Software. Con Apogeo Education ha pubblicato "Business Intelligence. Processi, metodi, utilizzo in azienda", 2012.

"Blockchain technology has been called the greatest innovation since the internet. Governments and companies are rushing to implement blockchain technology in a range of areas that could impact every person on the planet within a few years. Is blockchain technology one of the greatest technological revolutions in history or is it just hype? Will blockchain technology cause governments and banking systems to change the way they process information or will it be business as usual? In this book, we'll look at the answers to these questions along with addressing the different sides of the arguments, for and against, blockchain technology."--Page 4 de la couverture.

Discover how data science can help you gain in-depth insight into your business - the easy way! Jobs in data science abound, but few people have the data science skills needed to fill these increasingly important roles. Data Science For Dummies is the perfect starting point for IT professionals and students who want a quick primer on all areas of the expansive data science space. With a focus on business cases, the book explores topics in big data, data science, and data engineering, and how these three areas are

combined to produce tremendous value. If you want to pick-up the skills you need to begin a new career or initiate a new project, reading this book will help you understand what technologies, programming languages, and mathematical methods on which to focus. While this book serves as a wildly fantastic guide through the broad, sometimes intimidating field of big data and data science, it is not an instruction manual for hands-on implementation. Here's what to expect: Provides a background in big data and data engineering before moving on to data science and how it's applied to generate value Includes coverage of big data frameworks like Hadoop, MapReduce, Spark, MPP platforms, and NoSQL Explains machine learning and many of its algorithms as well as artificial intelligence and the evolution of the Internet of Things Details data visualization techniques that can be used to showcase, summarize, and communicate the data insights you generate It's a big, big data world out there—let Data Science For Dummies help you harness its power and gain a competitive edge for your organization.

Analyzing Social Media Networks with NodeXL offers backgrounds in information studies, computer science, and sociology. This book is divided into three parts: analyzing social media, NodeXL tutorial, and social-media network analysis case studies. Part I provides background in the history and concepts of social media and social networks. Also included here is social network analysis, which flows from measuring, to mapping, and modeling collections of connections. The next part focuses on the detailed operation of the free and open-source NodeXL extension of Microsoft Excel, which is used in all exercises throughout this book. In the final part, each chapter presents one form of social media, such as e-mail, Twitter, Facebook, Flickr, and Youtube. In addition, there are descriptions of each system, the nature of networks when people interact, and types of analysis for identifying people, documents, groups, and events. Walks you through NodeXL, while explaining the theory and development behind each step, providing takeaways that can apply to any SNA Demonstrates how visual analytics research can be applied to SNA tools for the mass market Includes case studies from researchers who use NodeXL on popular networks like email, Facebook, Twitter, and wikis Download companion materials and resources at <https://nodexl.codeplex.com/documentation>

This comprehensive and authoritative guide will teach you the DAX language for business intelligence, data modeling, and analytics. Leading Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization. You'll learn exactly what happens under the hood when you run a DAX expression, how DAX behaves differently from other languages, and how to use this knowledge to write fast, robust code. If you want to leverage all of DAX's remarkable power and flexibility, this no-compromise "deep dive" is exactly what you need. Perform powerful data analysis with DAX for Microsoft SQL Server Analysis Services, Excel, and Power BI Master core DAX concepts, including calculated columns, measures, and error handling Understand evaluation contexts and the CALCULATE and CALCULATETABLE functions Perform time-based calculations: YTD, MTD, previous year, working days, and more Work with expanded tables, complex functions, and elaborate DAX expressions Perform calculations over hierarchies, including parent/child hierarchies Use DAX to express diverse and unusual relationships Measure DAX query performance with SQL Server Profiler and DAX Studio

Capire il passato, osservare il presente, predire il futuro. Questi sono gli scopi della Data Science, un settore in fortissima espansione che risponde a una necessità urgente: come gestire e valorizzare le enormi quantità di dati che affluiscono nei server di tutto il mondo. Le aziende richiedono competenze in questo ambito e aspiranti di ogni livello tentano di formarsi il più velocemente possibile, ma spesso la confusione domina. In che rapporto sono Data Science, Big Data e Machine Learning? Quali competenze bisogna possedere? Quali sono gli strumenti più importanti da padroneggiare? Questo libro risponde in maniera chiara, organica e pratica. Mostra un percorso che parte dalle basi del linguaggio Python, illustra strumenti fondamentali come NumPy e Pandas, esplora i Big Data con i framework Hadoop, Spark e SparkSQL e infine sfocia nella trattazione approfondita delle tecniche più importanti di Machine Learning.

Questo libro vuole offrire a titolari, manager e responsabili marketing delle strutture ricettive - hotel, B&B, resort, agriturismi - gli strumenti più efficaci del web marketing turistico e del revenue management per emergere in un mercato sempre più competitivo. Digital marketing turistico è uno strumento ideale anche per le tante altre figure che oggi cercano di completare la propria preparazione nel settore: studenti universitari, titolari di web agency con clienti nel settore turistico-ricettivo, consulenti di web marketing e revenue management.

Extend your skills with Odoo 12 to build resourceful and open source business applications
Key Features Explore Odoo 12 capabilities to develop business applications
Program business logic and manipulate data to implement specific business rules in your applications
Integrate Python APIs for building customizable and scalable business logic
Book Description Odoo is one of the best platforms for open source ERP and CRM. Its latest version, Odoo 12, brings with it new features and updates in Python packages to develop more customizable applications with additional cloud capabilities. The book begins by covering the development essentials for building business applications. You will start your journey by learning how to install and configure Odoo, and then transition from having no specific knowledge of Odoo to being ready for application development. You will develop your first Odoo application and understand topics such as models and views. Odoo 12 Development Essentials will also guide you in using server APIs to add business logic, helping you lay a solid foundation for advanced topics. As you progress through the chapters, you will be equipped to build and customize your applications and explore the new features in Odoo 12, such as cloud integration, to scale your business applications. You will get insights into building business logic and integrating various APIs into your application. By the end of the book, you will be able to build a business application from scratch by using the latest version of Odoo. What you will learn
Manage Odoo server instances
Create a new Odoo application from scratch using the most frequently used elements
Develop new models and use inheritance to extend existing models
Use ORM methods in the Odoo server and from external clients
Create Kanban views using QWeb effectively
Build custom web and website CMS pages
Use external APIs to integrate Odoo with external applications
Add automated tests and techniques to debug module business logic
Who this book is for If you are a developer familiar with Python and MVC design and want to build business applications using Odoo, this book is for you.

I Big Data sono una realtà e la professionalità del data scientist è tanto ambita quanto rara sul mercato del lavoro. All'interno delle aziende, infatti, gli investimenti si concentrano sempre più sull'analisi dei dati, con lo scopo di prendere decisioni efficaci e migliorare prodotti, servizi e vendite. Questo manuale presenta in modo semplice e concreto i Big Data a chi non ha particolare esperienza ma vuole passare velocemente dalla teoria alla pratica. Per questo viene introdotto KNIME, uno strumento open source e gratuito dotato di un'interfaccia grafica che ne semplifica l'utilizzo e permette anche a chi non scrive codice di sfruttare i principali algoritmi di machine learning. Dopo aver

definito cosa sono - e non sono - i Big Data, attraverso esempi pratici e tutorial viene spiegato come costruire cluster per organizzare dati e come creare modelli di predizione. Infine vengono introdotti argomenti più avanzati come il riconoscimento e l'analisi del linguaggio umano, e l'estensione delle funzionalità di KNIME con R e Python. Una guida per manager, professionisti e studenti, ma più in generale per chiunque voglia iniziare a lavorare con i Big Data apprezzandone le opportunità e comprendendone le criticità.

Read the Wall Street Journal Bestseller for "cultivating intense focus" for fast, powerful performance results for achieving success and true meaning in one's professional life (Adam Grant, author of Give and Take). Deep work is the ability to focus without distraction on a cognitively demanding task. It's a skill that allows you to quickly master complicated information and produce better results in less time. Deep Work will make you better at what you do and provide the sense of true fulfillment that comes from craftsmanship. In short, deep work is like a super power in our increasingly competitive twenty-first century economy. And yet, most people have lost the ability to go deep-spending their days instead in a frantic blur of e-mail and social media, not even realizing there's a better way. In Deep Work, author and professor Cal Newport flips the narrative on impact in a connected age. Instead of arguing distraction is bad, he instead celebrates the power of its opposite. Dividing this book into two parts, he first makes the case that in almost any profession, cultivating a deep work ethic will produce massive benefits. He then presents a rigorous training regimen, presented as a series of four "rules," for transforming your mind and habits to support this skill. 1. Work Deeply 2. Embrace Boredom 3. Quit Social Media 4. Drain the Shallows A mix of cultural criticism and actionable advice, Deep Work takes the reader on a journey through memorable stories-from Carl Jung building a stone tower in the woods to focus his mind, to a social media pioneer buying a round-trip business class ticket to Tokyo to write a book free from distraction in the air-and no-nonsense advice, such as the claim that most serious professionals should quit social media and that you should practice being bored. Deep Work is an indispensable guide to anyone seeking focused success in a distracted world. An Amazon Best Book of 2016 Pick in Business & Leadership Wall Street Journal Business Bestseller A Business Book of the Week at 800-CEO-READ

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