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Quick Start Guide

Integrate open source data analytics and build business intelligence on SQL databases with Apache Superset. The quick, intuitive nature for data visualization in a web application makes it easy for creating interactive dashboards. Key Features Work with Apache Superset's rich set of data visualizations Create interactive dashboards and data storytelling Easily explore data Book Description Apache Superset is a modern, open source, enterprise-ready business intelligence (BI) web application. With the help of this book, you will see how Superset integrates with popular databases like Postgres, Google BigQuery, Snowflake, and MySQL. You will learn to create real time data visualizations and dashboards on modern web browsers for your organization using Superset. First, we look at the fundamentals of Superset, and then get it up and running. You'll go through the requisite installation, configuration, and deployment. Then, we will discuss different columnar data types, analytics, and the visualizations available. You'll also see the security tools available to the administrator to keep your data safe. You will learn how to visualize relationships as graphs instead of coordinates on plain orthogonal axes.

This will help you when you upload your own entity relationship dataset and analyze the dataset in new, different ways. You will also see how to analyze geographical regions by working with location data. Finally, we cover a set of tutorials on dashboard designs frequently used by analysts, business intelligence professionals, and developers. What you will learn Get to grips with the fundamentals of data exploration using Superset Set up a working instance of Superset on cloud services like Google Compute Engine Integrate Superset with SQL databases Build dashboards with Superset Calculate statistics in Superset for numerical, categorical, or text data Understand visualization techniques, filtering, and grouping by aggregation Manage user roles and permissions in Superset Work with SQL Lab Who this book is for This book is for data analysts, BI professionals, and developers who want to learn Apache Superset. If you want to create interactive dashboards from SQL databases, this book is what you need. Working knowledge of Python will be an advantage but not necessary to understand this book. Resource added for the Accounting program 101011. THE ULTIMATE BEGINNER'S GUIDE TO TAKING CONTROL OF YOUR FINANCES INCLUDES FILLABLE SIMPLIFIED BUDGET

SPREADSHEET AND OTHER ESSENTIAL DIGITAL ASSETS Are you tired of feeling stressed out and overwhelmed when you think about your finances? Have you gotten frustrated with personal finance advice from "experts" that doesn't feel like it speaks to your unique financial situation? No matter where you are in your financial journey Personal Finance QuickStart Guidecovers everything you need to know to make a positive financial change in your life. At a time when 80% of US workers live paycheck to paycheck and as many as 40% of Americans can't afford a surprise $400 expense it has never been more important to take control of your financial wellbeing. In Personal Finance QuickStart Guide author, podcaster, and financial advisor Morgen B. Rochard CFA, CFP®, RLP® pulls back the personal finance curtain to present personal finance wisdom that is so simple anyone can start putting it to use today. Morgen has distilled a career's worth of experience in the financial world into an uncommonly helpful guide to the common money problems we all face. Filled with personal stories told in her straightforward and candid style, this book is the missing ingredient for anyone who wants to take control of their finances and live their most fulfilled life. It doesn't matter where you are on your financial journey, how much experience you have, or how much money you have in the bank—you can make the financial changes needed to build the fulfilling life you deserve with the time-tested and proven

personal finance wisdom enclosed in this book. Personal Finance QuickStart Guide Is Perfect For: - Millennials who feel like they never got a handle on their finances and want to catch up - Young adults who want to build a good financial foundation for the future - Working professionals who are thinking about retirement - Anyone looking to make a financial change in their life and build wealth Personal Finance QuickStart Guide Covers: - How to think about money and craft your own positive money mindset - Repairing your credit score to increase your buying power and provide more freedom in your life - The difference between good and bad debt and how to pay down and manage debt - Financial goal setting with actionable steps to accomplish your goals - How to prepare for retirement and secure your own financially independent future Personal Finance QuickStart Guide Will Teach You: - How to build a positive money mindset, analyze your own money habits, and secure your own financial freedom for good times and bad - How to effectively manage and pay down debt, the difference between good and bad debt, and how to raise your credit score (and keep it high) - How to translate your dreams into a financial reality without restrictive budgeting or beating yourself up over daily spending - The best way to prepare for major life events like home buying, weddings, and sending kids off to college - Yes, you need to invest—how to put your money to work for you without assuming a mountain of risk or learning complicated charts

- How to prepare for retirement the smart way, what to do if you come into money, how to reduce your tax burden and more—your entire personal finance journey is in these pages! *LIFETIME ACCESS TO FREE PERSONAL FINANCE DIGITAL ASSETS* Easy to use Simplified Budget Spreadsheet - 1 Page Personal Finance Plan - Effective Goal Setting Workbook - Additional visual aids, infographics and more! Bring your data to life with Power BI Key Features Get to grips with the fundamentals of Microsoft Power BI and its Business Intelligence capabilities Build accurate analytical models, reports and dashboards Get faster and more intuitive insights from your data using Microsoft Power BI Book Description Microsoft Power BI is a cloud-based service that helps you easily visualize and share insights using your organization's data.This book will get you started with business intelligence using the Power BI toolset, covering essential concepts such as installation,designing effective data models, as well as building basic dashboards and visualizations to make your data come to life You will learn how to get your data the way you want – connecting to data sources sources and how to clean your data with the Power BI Query Editor. You will next learn how to properly design your data model to make your data easier to work with.. You will next learn how to properly design your data model to navigate table relationships and build DAX formulas to make your data easier to work with.

Visualizing your data is another key element of this book, and you will learn how to follow proper data visualization styles and enhanced digital storytelling techniques. By the end of this book, you will understand how to administer your organization's Power BI environment so deployment can be made seamless, data refreshes can run properly, and security can be fully implemented What you will learn Connect to data sources using both import and DirectQuery options Use the Query Editor to apply data transformations and data cleansing processes, including learning how to write M and R scripts Design optimized data models by designing relationships and DAX calculations Leverage built-in and custom visuals to design effective reports Use the Power BI Desktop and Power BI Service to implement Row Level Security on your model Administer a Power BI cloud tenant for your organization Deploy your Power BI Desktop files into the Power BI Report Server Who this book is for This book is for aspiring Business Intelligence professionals who want to get up and running with Microsoft Power BI. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, this book is for you. vSphere 4.0 Quick Start Guide provides expert knowledge to help guide you down the path of virtualization with tips & tricks, advanced scripts & best practice recommendations for VMware environments. The ASQ-3 Quick-Start Guide is just what users have been asking for: a concise, at-a-glance guide that keeps ASQ-3 scoring and administration basics right at the fingertips. Perfect for busy professionals on the go, the Quick-Start Guide is laminated, lightweight, and so cost-effective that every professional in a program can have one. ASQ-3 users will turn to the Quick-Start Guide for clear, simple directions on selecting the correct questionnaire, scoring ASQ-3, and choosing appropriate intervention activities to give to parents. They'll get the quick facts they need to implement the #1 developmental screener accurately—and help their program improve screening results. This product is sold in a package of 5. The Quick Start Guide is part of ASQ-3™, the bestselling screener trusted for more than 15 years to pinpoint delays as early as possible during the crucial first 5 years of life. ASQ-3 questionnaires are reliable and valid, parent-completed, cost effective, recommended by top organizations, and easy to administer and score. The 21 age-appropriate questionnaires effectively screen five key developmental areas: communication, gross motor, fine motor, problem solving, and personal-social. Learn more about the complete ASQ-3 system, and discover ASQ:SE, the screener that reliably identifies young children at risk for social or emotional difficulties. This PRINT version of our original ENGLISH LANGUAGE Pediactric Quick Start Guide and is filled with a tremendous amount of information and provides a wonderful summary of the benefits of a plant-based diet. SQL QuickStart Guide is ideal for those seeking to increase their job prospects and enhance their careers, for developers looking to expand their programming capabilities, or for anyone who wants to take advantage of our inevitably data-driven future-even with no prior coding experience! Quick and simple, this easy-to-read, small-format guide is the ultimate starting point to introduce yourself to the hobby of woodburning! Perfect for any beginner, jump right into learning about what pyrography is, safety, types of equipment, pens, burning techniques, and other foundational topics. Get a complete overview, and with the suggested lists for further reading and project books, get started! Michele Y. Parsons is a pyrographer, woodcarver, founder and owner of Parsons Wood Artistry, instructor, and author of Leather Pyrography. With her expert instruction, you'll learn and understand everything you need to know about pyrography so you can start woodburning the right way, right from the beginning. · Port projects over from GitHub and convert SVN projects to GitLab hosted git projects Key Features Effective guide for GitLab migration from GitHub and SVN Learn to implement DevOps with GitLab 11 Manage projects with issue boards and time tracking Book Description Gitlab is an open source repository management and version control toolkit with an enterprise offering. This book is the ideal guide to GitLab as a version control system (VCS), issue management tool, and a continuous integration platform. The book

starts with an introduction to GitLab, a walkthrough of its features, and explores concepts such as version control systems, continuous integration, and continuous deployment. It then takes you through the process of downloading and installing a local copy of the on-premise version of GitLab in Ubuntu and/or CentOS. You will look at some common workflows associated with GitLab workflow and learn about project management in GitLab. You will see tools and techniques for migrating your code base from various version control systems such as GitHub and SVN to GitLab. By the end of the book, you will be using Gitlab for repository management, and be able to migrate projects from other VCSs to GitLab. What you will learn Set up CI and test builds for your projects Understand the benefits and limitations of GitLab workflow Migrate from other common VCS platforms to Gitlab Create, review, and merge code changes Learn to branch local code and create a new branch in GitLab Configure sequential stages and simultaneous stages for CI/CD Access Mattermost for on-premise GitLab Discover the issue tracking features of GitLab Who this book is for The book is intended for the developers, SREs, and DevOps professionals who are looking for techniques to port their codebase to GitLab from GitHub or are looking to work with GitLab as their version control system of choice. If you've used other VCSs before, that will help with this book. The Test of Integrated Language and Literacy Skills (TILLS) tests oral and written language skills of school-age students age 6-18 years. The TILLS is a standardized, norm-referenced test validated for these purposes: To identify language and literacy disorders ; To document patterns of relative strengths and weaknesses ; To track changes in language and literacy skills over time. Offers fifteen subtests collectively measuring skills at two language levels (sound/word and sentence/discource levels) across oral and written language modalities. Web Scraping techniques are getting more popular, since data is as valuable as oil in 21st century. Through this book get some key knowledge about using XPath, regEX; web scraping libraries for R like rvest and RSelenium technologies. Key FeaturesTechniques, tools and frameworks for web scraping with RScrape data effortlessly from a variety of websites Learn how to selectively choose the data to scrape, and build your datasetBook Description Web scraping is a technique to extract data from websites. It simulates the behavior of a website user to turn the website itself into a web service to retrieve or introduce new data. This book gives you all you need to get started with scraping web pages using R programming. You will learn about the rules of RegEx and Xpath, key components for scraping website data. We will show you web scraping techniques, methodologies, and frameworks. With this book's guidance, you will become comfortable with the tools to write and test RegEx and XPath rules. We will focus on examples of dynamic websites for scraping data and how to implement the techniques learned. You will learn how to collect URLs and then create XPath rules for your first web scraping script using rvest library. From the data you collect, you will be able to calculate the statistics and create R plots to visualize them. Finally, you will discover how to use Selenium drivers with R for more sophisticated scraping. You will create AWS instances and use R to connect a PostgreSQL database hosted on AWS. By the end of the book, you will be sufficiently confident to create end-to-end web scraping systems using R. What you will learnWrite and create regEX rulesWrite XPath rules to query your dataLearn how web scraping methods workUse rvest to crawl web pagesStore data retrieved from the webLearn the key uses of Rselenium to scrape dataWho this book is for This book is for R programmers who want to get started quickly with web scraping, as well as data analysts who want to learn scraping using R. Basic knowledge of R is all you need to get started with this book. ITIL, Made Simple! A comprehensive yet nicely abbreviated alternative to the five multi-thousand page volumes comprising the Information Technology Infrastructure Library (ITIL(r)). Welcome to ITIL(r) simplified! For over two decades ITIL(r) has informed the way in which IT delivers services to customers while remaining methodically in-synch with the needs of business. ITIL(r) best-practices have helped

business better manage IT assets, cut costs, provide better customer service, improve internal communications and much more. A cottage industry has emerged offering formal ITIL(r) trainings and certifications. IT professionals with ITIL(r) know-how enjoy a preferred status among hiring managers and executives. Meanwhile, ITIL(r) consultants regularly show up at the doorsteps of business across the globe committed to revamping underperforming, uncommunicative and non-service oriented IT departments. ITIL(r) For Beginners breaks this robust IT framework down into its five core lifecycle phases and reviews the processes, sub-processes, and evaluation metrics (KPIs) associated with each phase. This beginner-friendly text is easy-to-read and fully accessible to ITIL(r) newcomers. For IT professionals already familiar with one or more of ITIL(r)'s lifecycle phases, this book will provide a breadth of context for ITIL(r)'s summary-level functioning and may be used as a decision-making aid for those considering an in-depth study or certification in a certain area of ITIL(r). ITIL(r) For Beginners was reviewed and licensed by Axelos, the government-sponsored publisher of ITIL(r). We at ClydeBank Technology, the publishers of ITIL for Beginners, are grateful and excited to be sharing our work on this interesting subject here on Amazon and across a multitude of other distribution channels. You'll Learn... The history and inspirations for ITIL(r) How ITIL(r) can directly improve the experiences of employees,

managers, partners, and customers The mistakes commonly made by beginners when implementing ITIL All of the ITIL Life Cycle Phases, Processes, Sub-Processes, and formal KPIs ITIL(r)'s real-world application in IT and business A Risk-Free Purchase - No Questions Asked Money Back Gurantee We are so confident that methods outlined in this book will help you understand ITIL that we're willing to let you try the book risk-free. If you are not fully satisfied with the product, simply let us know and we will provide a 100% full refund. That's right, a 100% Money-Back Guarantee! What reason do you have to not give this book a try? Scroll Up To The Top Of The Page And Click The Orange "Buy Now" Icon On The Right Side Right Now! ClydeBank Media LLC All Rights Reserved Learn how to write shell script effectively with Bash, to quickly and easily write powerful scripts to manage processes, automate tasks, and to redirect and filter program input and output in useful and novel ways. Key FeaturesDemystify the Bash command lineWrite shell scripts safely and effectivelySpeed up and automate your daily workBook Description Bash and shell script programming is central to using Linux, but it has many peculiar properties that are hard to understand and unfamiliar to many programmers, with a lot of misleading and even risky information online. Bash Quick Start Guide tackles these problems head on, and shows you the best practices of shell script programming. This book teaches effective shell

script programming with Bash, and is ideal for people who may have used its command line but never really learned it in depth. This book will show you how even simple programming constructs in the shell can speed up and automate any kind of daily command-line work. For people who need to use the command line regularly in their daily work, this book provides practical advice for using the command-line shell beyond merely typing or copy-pasting commands into the shell. Readers will learn techniques suitable for automating processes and controlling processes, on both servers and workstations, whether for single command lines or long and complex scripts. The book even includes information on configuring your own shell environment to suit your workflow, and provides a running start for interpreting Bash scripts written by others. What you will learnUnderstand where the Bash shell fits in the system administration and programming worldsUse the interactive Bash command line effectivelyGet to grips with the structure of a Bash command lineMaster pattern-matching and transforming text with BashFilter and redirect program input and outputWrite shell scripts safely and effectivelyWho this book is for People who use the command line on Unix and Linux servers already, but don't write primarily in Bash. This book is ideal for people who've been using a scripting language such as Python, JavaScript or PHP, and would like to understand and use Bash more effectively. Learn quick and effective techniques to get up

and running with building blockchain including Ethereum and Hyperledger Fabric. Key FeaturesUnderstand the key concepts of decentralized applications and consensus algorithmsLearn key concepts of Ethereum and Solidity programmingPractical guide to get started with build efficient Blockchain applications with Ethereum and HyperledgerBook Description Blockchain is a technology that powers the development of decentralized applications.This technology allows the construction of a network with no single control that enables participants to make contributions to and receive benefits from the network directly. This book will give you a thorough overview of blockchain and explain how a blockchain works.You will begin by going through various blockchain consensus mechanisms and cryptographic hash functions. You will then learn the fundamentals of programming in Solidity – the defacto language for developing decentralize, applications in Ethereum. After that, you will set up an Ethereum development environment and develop, package, build, and test campaign-decentralized applications.The book also shows you how to set up Hyperledger composer tools, analyze business scenarios, design business models, and write a chain code. Finally, you will get a glimpse of how blockchain is actually used in different real-world domains. By the end of this guide, you will be comfortable working with basic blockchain frameworks, and develop secure, decentralized applications in a

hassle-free manner. What you will learnUnderstand how blockchain hashing worksWrite and test a smart contract using SolidityDevelop and test a decentralized applicationBuild and test your application using Hyperledger FabricImplement business network using Hyperledger ComposerTest and interact with business network applicationsWho this book is for The book is for developers, analysts, or anyone looking to learn about Blockchain in a quick and easy manner. Get familiar with writing programs in the trending new systems programming language that brings together the powerful performance of low-level languages with the advanced features like thread safety in multi-threaded code Key FeaturesLearn the semantics of Rust, which can be significantly different from other programming languagesUnderstand clearly how to work with the Rust compiler which strictly enforces rules that may not be obviousExamples and insights beyond the Rust documentationBook Description Rust is an emerging programming language applicable to areas such as embedded programming, network programming, system programming, and web development. This book will take you from the basics of Rust to a point where your code compiles and does what you intend it to do! This book starts with an introduction to Rust and how to get set for programming, including the rustup and cargo tools for managing a Rust installation and development workflow. Then you'll learn about the

fundamentals of structuring a Rust program, such as functions, mutability, data structures, implementing behavior for types, and many more. You will also learn about concepts that Rust handles differently from most other languages. After understanding the Basics of Rust programming, you will learn about the core ideas, such as variable ownership, scope, lifetime, and borrowing. After these key ideas, you will explore making decisions in Rust based on data types by learning about match and if let expressions. After that, you'll work with different data types in Rust, and learn about memory management and smart pointers. What you will learnInstall Rust and write your first program with itUnderstand ownership in RustHandle different data typesMake decisions by pattern matchingUse smart pointersUse generic types and type specializationWrite code that works with many data typesTap into the standard libraryWho this book is for This book is for people who are new to Rust, either as their first programming language or coming to it from somewhere else. Familiarity with computer programming in any other language will be helpful in getting the best out of this book. Lean, Simplified **An Extensive Introduction to the Lean Business Model, Applicable to All Industries and All Experience Levels** Now released in a second edition to reflect the newest innovations and learning within the Lean system! You've heard the terms, you've heard about the results; now harness the method that has been creating

unmatched levels of efficiency and success throughout the modern business sphere. Yesterday, it was enough to have heard about Lean. Today, everyone from the very front line all the way up to the boardroom must be on the absolute cutting edge of business improvement. To start the learning process and to enhance your understanding of the efficiency model that is taking the global market by storm, look no further than the Lean QuickStart Guide. Other guides are packed with jargon and take an oblique look at Lean—break out ahead of the pack with this easy-to-understand reference guide for all levels of experience. Lean QuickStart Guide is for beginners and experts alike. This no-nonsense guide hits the ground running and presents the critical concepts of the Lean model in plain English with instructional visual aids to cement a rapid learning process. Learning for academic purposes? We have you covered, too. We take an academic approach to the Lean Business Model as well as looking at real-world practical application in the business environment. Concepts are Broken Down into Bite-Sized Chunks with Extensive Charts, Graphs, and Illustrations to Assist in the Learning Process. Get the most out of Elasticsearch 7's new features to build, deploy, and manage efficient applications Key FeaturesDiscover the new features introduced in Elasticsearch 7Explore techniques for distributed search, indexing, and clusteringGain hands-on knowledge of implementing Elasticsearch for your

enterpriseBook Description Elasticsearch is one of the most popular tools for distributed search and analytics. This Elasticsearch book highlights the latest features of Elasticsearch 7 and helps you understand how you can use them to build your own search applications with ease. Starting with an introduction to the Elastic Stack, this book will help you quickly get up to speed with using Elasticsearch. You'll learn how to install, configure, manage, secure, and deploy Elasticsearch clusters, as well as how to use your deployment to develop powerful search and analytics solutions. As you progress, you'll also understand how to troubleshoot any issues that you may encounter along the way. Finally, the book will help you explore the inner workings of Elasticsearch and gain insights into queries, analyzers, mappings, and aggregations as you learn to work with search results. By the end of this book, you'll have a basic understanding of how to build and deploy effective search and analytics solutions using Elasticsearch. What you will learnInstall Elasticsearch and use it to safely store data and retrieve it when neededWork with a variety of analyzers and filtersDiscover techniques to improve search results in ElasticsearchUnderstand how to perform metric and bucket aggregationsImplement best practices for moving clusters and applications to productionExplore various techniques to secure your Elasticsearch clustersWho this book is for This book is for software developers, engineers, data architects, system

administrators, and anyone who wants to get up and running with Elasticsearch 7. No prior experience with Elasticsearch is required. An accessible fast paced introduction to all aspects of Power BI for new or aspiring BI professionals, data analysts, and data visualizers Key FeaturesUpdated with the latest features in Power BI including Dataflow, AI insights, visuals and row level securityGet faster and more intuitive data insights using Microsoft Power BI and its business intelligence capabilitiesBuild accurate analytical models, reports, and dashboardsBook Description This revised edition has been fully updated to reflect the latest enhancements to Power BI. It includes a new chapter dedicated to dataflow, and covers all the essential concepts such as installation, designing effective data models, as well as building basic dashboards and visualizations to help you and your organization make better business decisions. You'll learn how to obtain data from a variety of sources and clean it using Power BI Query Editor. You'll then find out how you can design your data model to navigate and explore relationships within it and build DAX formulas to make your data easier to work with. Visualizing your data is a key element in this book, and you'll get to grips rapidly with data visualization styles and enhanced digital storytelling techniques. In addition, you will acquire the skills to build your own dataflows, understand the Common Data Model, and automate data flow refreshes to eradicate data

cleansing inefficiency. This guide will help you understand how to administer your organization's Power BI environment so that deployment can be made seamless, data refreshes can run properly, and security can be fully implemented. By the end of this Power BI book, you'll have a better understanding of how to get the most out of Power BI to perform effective business intelligence. What you will learnConnect to data sources using import and DirectQuery optionsUse Query Editor for data transformation and data cleansing processes, including writing M and R scripts and dataflows to do the same in the cloudDesign optimized data models by designing relationships and DAX calculationsDesign effective reports with built-in and custom visualsAdopt Power BI Desktop and Service to implement row-level securityAdminister a Power BI cloud tenant for your organizationUse built-in AI capabilities to enhance Power BI data transformation techniquesDeploy your Power BI desktop files into the Power BI Report ServerWho this book is for Aspiring business intelligence professionals who want to learn Power BI will find this book useful. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, this book is for you. Step through loading GIS data, creating GIS data, styling GIS and making maps with QGIS following a simple narrative that will allow you to build confidence as you progress. Key FeaturesWork with GIS data, a step by step guide from creation to making a

mapPerform geoprocessing tasks and automate them using model builderExplore a range of features in QGIS 3.4, discover the power behind open source desktop GISBook Description QGIS is a user friendly, open source geographic information system (GIS). The popularity of open source GIS and QGIS, in particular, has been growing rapidly over the last few years. This book is designed to help beginners learn about all the tools required to use QGIS 3.4. This book will provide you with clear, step-by-step instructions to help you apply your GIS knowledge to QGIS. You begin with an overview of QGIS 3.4 and its installation. You will learn how to load existing spatial data and create vector data from scratch. You will then be creating styles and labels for maps. The final two chapters demonstrate the Processing toolbox and include a brief investigation on how to extend QGIS. Throughout this book, we will be using the GeoPackage format, and we will also discuss how QGIS can support many different types of data. Finally, you will learn where to get help and how to become engaged with the GIS community. What you will learnUse existing data to interact with the canvas via zoom/pan/selectionCreate vector data and a GeoPackage and build a simple project around itStyle data, both vector and raster data, using the Layer Styling PanelDesign, label, save, and export maps using the data you have createdAnalyze spatial queries using the Processing toolboxExpand QGIS with the help of plugins, model builder,

and the command lineWho this book is for If you know the basic functions and processes of GIS, and want to learn to use QGIS to analyze geospatial data and create rich mapping applications, then this is the book for you. Learn the pytest way to write simple tests which can also be used to write complex tests Key Features Become proficient with pytest from day one by solving real-world testing problems Use pytest to write tests more efficiently Scale from simple to complex and functional testing Book Description Python's standard unittest module is based on the xUnit family of frameworks, which has its origins in Smalltalk and Java, and tends to be verbose to use and not easily extensible.The pytest framework on the other hand is very simple to get started, but powerful enough to cover complex testing integration scenarios, being considered by many the true Pythonic approach to testing in Python. In this book, you will learn how to get started right away and get the most out of pytest in your daily workflow, exploring powerful mechanisms and plugins to facilitate many common testing tasks. You will also see how to use pytest in existing unittest-based test suites and will learn some tricks to make the jump to a pytest-style test suite quickly and easily. What you will learn Write and run simple and complex tests Organize tests in fles and directories Find out how to be more productive on the command line Markers and how to skip, xfail and parametrize tests Explore fxtures and techniques to use them effectively, such as

tmpdir, pytestconfg, and monkeypatch Convert unittest suites to pytest using little-known techniques Use third-party plugins Who this book is for This book is for Python programmers that want to learn more about testing. This book is also for QA testers, and those who already benefit from programming with tests daily but want to improve their existing testing tools. This book will help you build interactive graphs that are viewable in any web browser using JavaScript, D3.js, and SVG. You will learn how to make a scatter plot, a bar graph, a pie chart, a force directed graph, and a map. Key FeaturesTakes you through the most common graphs you'll needAdd interactivity to your visualizationsEasy to follow buildsBook Description D3.js is a JavaScript library that allows you to create graphs and data visualizations in the browser with HTML, SVG, and CSS. This book will take you from the basics of D3.js, so that you can create your own interactive visualizations, to creating the most common graphs that you will encounter as a developer, scientist, statistician, or data scientist. The book begins with an overview of SVG, the basis for creating two-dimensional graphics in the browser. Once the reader has a firm understanding of SVG, we will tackle the basics of how to use D3.js to connect data to our SVG elements. We will start with a scatter plot that maps run data to circles on a graph, and expand our scatter plot to make it interactive. You will see how you can easily allow the users of your graph to create, edit,

and delete run data by simply dragging and clicking the graph. Next, we will explore creating a bar graph, using external data from a mock API. After that, we will explore animations and motion with a bar graph, and use various physics-based forces to create a force-directed graph. Finally, we will look at how to use GeoJSON data to create a map. What you will learnBuild a scatter plotBuild a bar graphBuild a pie chartBuild a force-directed graphBuild a mapBuild interactivity into your graphsWho this book is for This book is for web developers, interactive news developers, data scientists, and anyone interested in representing data through interactive visualizations on the Web with D3. Some basic knowledge of JavaScript is expected, but no prior experience with data visualization or D3 is required to follow this book. THE ULTIMATE BEGINNER'S GUIDE TO STARTING A BUSINESS! Have you ever dreamt of starting your own business and living life on your terms? This book shows you EXACTLY what you need to know to stand out from the crowd! Do you have an idea for an amazing product or service but you aren't sure how to build a business around it? Then you NEED this book. Buy now and start reading today! Are you a current business owner who struggles to identify your customers and deliver true world-class value? Everything you need to know is included in these pages! Do you want to build your hobby business into a fully-fledged venture that will help you build the life you deserve?

Then you NEED this book. Buy now and start reading today! The most comprehensive guide ever developed for starting and growing a business! In the highly competitive world of business, what makes or breaks a new entrepreneur? Sourced from over twenty years of firsthand experience working with entrepreneurs, new ventures, and high-growth startups, author Ken Colwell, PHD, MBA has the answers. In his comprehensive Starting a Business QuickStart Guide, Ken Colwell concisely presents the core fundamentals that all new entrepreneurs need to know to get started, find success, and live the life of their dreams. Business and entrepreneurship students, small business owners, managers, and soon-to-be entrepreneurs will all find a wealth of value within the pages of the Starting a Business QuickStart Guide. From the very first steps conceptualizing your venture to winning your first customers, delivering value, and turning a profit, this book acts as an invaluable blueprint for your path to entrepreneurial success. Colwell's clear voice, extensive experience, and easy-to-understand presentation come together to make this book a must-have resource in the library of every budding entrepreneur! Starting a Business QuickStart Guide is Perfect For: - Would-Be Entrepreneurs With a Ton of Passion! - Entrepreneurial Students of All Ages! - Beginners with Zero Prior Experience! - Managers, Business Owners, and Decisions Makers Growing into a New Role! You'll

Discover: - The Difference Between an Idea and an Opportunity! - What Makes an Entrepreneurial Opportunity Great! - The Very First Steps You Need To Take To Get Your Venture Off The Ground! - Pricing, Competition, Customer Identification, Marketing, and Distribution Demystified! - The REAL Components of an Entrepreneurial Mindset! - Exactly How To Craft Your Value Proposition! - How to Write a Comprehensive Business Plan! **LIFETIME ACCESS TO FREE EDUCATIONAL RESOURCES **: Each book comes with free lifetime access to tons of exclusive online resources to help you become a better business owner including: - Business Plan Checklist & Presentation Blueprint - Layers of Business Taxation Cheat Sheet - Elevator Pitch Template & Tips - And Many More! *GIVING BACK: * QuickStart Guides proudly supports One Tree Planted as a reforestation partner. *CLASSROOM ADOPTION:* Teachers and professors are encouraged to contact the publisher for test banks and classroom presentation materials. Arduino is an open-source platform that makes DIY electronics projects easier than ever. Gone are the days when you had to learn electronics theory and arcane programming languages before you could even get an LED to blink. Now, with this new edition of the bestsellingArduino: A Quick-Start Guide, readers with no electronics experience can create their first gadgets quickly. This book is up-to-date for the new Arduino Zero board, with step-by-step

instructions for building a universal remote, a motion-sensing game controller, and many other fun, useful projects. This Quick-Start Guide is packed with fun, useful devices to create, with step-by-step instructions and photos throughout. You'll learn how to connect your Arduino to the Internet and program both client and server applications. You'll build projects such as your own motion-sensing game controller with a three-axis accelerometer, create a universal remote with an Arduino and a few cheap parts, build your own burglar alarm that emails you whenever someone's moving in your living room, build binary dice, and learn how to solder. In one of several new projects in this edition, you'll create your own video game console that you can connect to your TV set. This book is completely updated for the new Arduino Zero board and the latest advances in supporting software and tools for the Arduino. Sidebars throughout the book point you to exciting real-world projects using the Arduino, exercises extend your skills, and "What If It Doesn't Work" sections help you troubleshoot common problems. With this book, beginners can quickly join the worldwide community of hobbyists and professionals who use the Arduino to prototype and develop fun, useful inventions. What You Need: This is the full list of all parts you'd need for all projects in the book; some of these are provided as part of various kits that are available on the web, or you can purchase individually. Sources include adafruit.com, makershed.com, radioshack.com,

sparkfun.com, and mouser.com. Please note we do not support or endorse any of these vendors, but we list them here as aconvenience for you. Arduino Zero (or Uno or Duemilanove or Diecimila) board USB cable Half-size breadboard Pack of LEDs (at least 3, 10 or more is a good idea) Pack of 100 ohm, 10k ohm, and 1k ohm resistors Four pushbuttons Breadboard jumper wire / connector wire Parallax Ping))) sensor Passive Infrared sensor An infrared LED A 5V servo motor Analog Devices TMP36 temperature sensor ADXL335 accelerometer breakout board 6 pin 0.1" standard header (might be included with the ADXL335) Nintendo Nunchuk Controller Arduino Ethernet shield Arduino Proto shield and a tiny breadboard (optional but recommended) Piezo speaker/buzzer (optional) Tilt sensor (optional) A 25-30 Watts soldering iron with a tip (preferrably 1/16") A soldering stand and a sponge A standard 60/40 solder (rosin-core) spool for electronics work Apply functional Reactive programming for simple and scalable state management with MobX Key Features The easiest way to learn MobX to enhance your client-side state-management Understand how the concepts and components fit together Work through different state management scenarios with MobX Book Description MobX is a simple and highly scalable state management library in JavaScript. Its abstractions can help you manage state in small to extremely large applications. However, if you are just starting

out, it is essential to have a guide that can help you take the first steps. This book aims to be that guide that will equip you with the skills needed to use MobX and effectively handle the state management aspects of your application. You will first learn about observables, actions, and reactions: the core concepts of MobX. To see how MobX really shines and simplifies state management, you'll work through some real-world use cases. Building on these core concepts and use cases, you will learn about advanced MobX, its APIs, and libraries that extend MobX. By the end of this book, you will not only have a solid conceptual understanding of MobX, but also practical experience. You will gain the confidence to tackle many of the common state management problems in your own projects. What you will learn Explore the fundamental concepts of MobX, such as observables, actions, and reactions Use observables to track state and react to its changes with validations and visual feedback (via React Components) Create a MobX observable from different data types Define form data as an observable state and tackle sync and async form validations Use the special APIs to directly manipulate observables, tracking its changes, and discovering the reasons behind a change Tackle any state management issue you may have in your app by combining mobx-utils and mobx-state-tree Explore the internals of the MobX reactive system by diving into its inner workings Who this book is for This book is for web developers who want to implement easy and scalable state management for their apps. Knowledge of HTML, CSS, and JavaScript is assumed A concise walk-through of CentOS 7, starting from installation to securing it's environment. Key FeaturesNo previous Linux environment experience needed for reading this bookGet comfortable with a popular and stable Red Hat Enterprise Linux distributionMost of the command line based concepts are explained with graphicsBook Description Linux kernel development has been the worlds largest collaborative project to date. With this practical guide, you will learn Linux through one of its most popular and stable distributions. This book will introduce you to essential Linux skills using CentOS 7. It describes how a Linux system is organized, and will introduce you to key command-line concepts you can practice on your own. It will guide you in performing basic system administration tasks and day-to-day operations in a Linux environment. You will learn core system administration skills for managing a system running CentOS 7 or a similar operating system, such as RHEL 7, Scientific Linux, and Oracle Linux. You will be able to perform installation, establish network connectivity and user and process management, modify file permissions, manage text files using the command line, and implement basic security administration after covering this book. By the end of this book, you will have a solid understanding of working with Linux using the command line. What you will learnUnderstand file system hierarchy and essential command-line skillsUse Vi editor, I/O redirections and how to work with common text manipulating toolsCreate, delete, modify user accounts and manage passwords and their aging policyManage file ownership, permissions, and ACLExecute process management and monitoring on the command lineValidate and manage network configuration using nmcliManage remote logins using SSH and file transfer using SCP and RsyncUnderstand system logging, how to control system services with systemd and systemctl, and manage firewalIdWho this book is for Any individual who wants to learn how to use Linux as server or desktop in his environment. Whether you are a developer, budding system administrator, or tech lover with no previous Linux administration background, you will be able to start your journey in Linux using CentOS 7 with this book. "THE BEST SQL BOOK FOR BEGINNERS IN 2020 - HANDS DOWN!" *INCLUDES FREE ACCESS TO A SAMPLE DATABASE, SQL BROWSER APP, COMPREHENSION QUIZES & SEVERAL OTHER DIGITAL RESOURCES!* *| #1 NEW RELEASE & #1 BEST SELLER |* Not sure how to prepare for the data-driven future?This book shows you EXACTLY what you need to know to successfully use the SQL programming language to enhance your career! Are you a developer who wants to expand your mastery to database management?Then you NEED this book. Buy now and start reading

today! Are you a project manager who needs to better understand your development team's needs? A decision maker who needs to make deeper data-driven analysis?Everything you need to know is included in these pages! The ubiquity of big data means that now more than ever there is a burning need to warehouse, access, and understand the contents of massive databases quickly and efficiently. That's where SQL comes in. SQL is the workhorse programming language that forms the backbone of modern data management and interpretation. Any database management professional will tell you that despite trendy data management languages that come and go, SQL remains the most widely used and most reliable to date, with no signs of stopping. In this comprehensive guide, experienced mentor and SQL expert Walter Shields draws on his considerable knowledge to make the topic of relational database management accessible, easy to understand, and highly actionable. SQL QuickStart Guide is ideal for those seeking to increase their job prospects and enhance their careers, for developers looking to expand their programming capabilities, or for anyone who wants to take advantage of our inevitably data-driven future—even with no prior coding experience! SQL QuickStart Guide Is For: - Professionals looking to augment their job skills in preparation for a data-driven future - Job seekers who want to pad their skills and resume for a durable employability edge - Beginners with zero prior experienceManagers,

decision makers, and business owners looking to manage data-driven business insights - Developers looking to expand their mastery beyond the full stackAnyone who wants to be better prepared for our data-driven future! In SQL QuickStart Guide You'll Discover: - The basic structure of databases—what they are, how they work, and how to successfully navigate them - How to use SQL to retrieve and understand data no matter the scale of a database (aided by numerous images and examples) - The most important SQL queries, along with how and when to use them for best effect - Professional applications of SQL and how to "sell" your new SQL skills to your employer, along with other career-enhancing considerations *LIFETIME ACCESS TO FREE RESOURCES & BUSINESS SUPPORT* Each book comes with free lifetime access to tons of exclusive online resources to help you become a better business owner such as workbooks, cheat sheets and reference guides. You also receive lifetime access to our online coaching community to help you achieve all of your financial goals! *GIVING BACK* ClydeBank Media proudly supports the non-profit AdoptAClassroom whose mission is to advance equity in K-12 education by supplementing dwindling school funding for vital classroom materials and resources.* Get started with Kotlin programming for building real world applications Key Features Start programming with Kotlin Explore Kotlin language syntax, standard libraries and Java Interoperability

Builds an example application with what you learn Book Description Kotlin is a general purpose, object-oriented language that primarily targets the JVM and Android. Intended as a better alternative to Java, its main goals are high interoperability with Java and increased developer productivity. Kotlin is still a new language and this book will help you to learn the core Kotlin features and get you ready for developing applications with Kotlin. This book covers Kotlin features in detail and explains them with practical code examples.You will learn how to set up the environment and take your frst steps with Kotlin and its syntax. We will cover the basics of the language, including functions, variables, and basic data types. With the basics covered, the next chapters show how functions are first-class citizens in Kotlin and deal with the object-oriented side of Kotlin. You will move on to more advanced features of Kotlin. You will explore Kotlin's Standard Library and learn how to work with the Collections API. The book finishes by putting Kotlin in to practice, showing how to build a desktop app. By the end of this book, you will be confident enough to use Kotlin for your next project. What you will learn Programming in Kotlin language syntax, basic types, control ?ow, classes, and OOP Writing functions and functional programming in Kotlin Defning and importing from packages in Kotlin Running Kotlin on JVMs and Android runtimes Working with the Kotlin Standard Library and advanced features of Kotlin

programming Setting up a Kotlin development environment with JetBrains tools Building real-world applications with Kotlin Who this book is for This book is intended for anybody who wants to learn the most important Kotlin features. No experience of Kotlin is expected. This textbook provides a starter's guide to Verilog, to be used in conjunction with a one-semester course in Digital Systems Design, or on its own for readers who only need an introduction to the language. This book is designed to match the way the material is actually taught in the classroom. Topics are presented in a manner which builds foundational knowledge before moving onto advanced topics. The author has designed the presentation with learning goals and assessment at its core. Each section addresses a specific learning outcome that the student should be able to "do" after its completion. The concept checks and exercise problems provide a rich set of assessment tools to measure student performance on each outcome. Written the way the material is taught, enabling a bottom-up approach to learning which culminates with a high-level of learning, with a solid foundation; Emphasizes examples from which students can learn: contains a solved example for nearly every section in the book; Includes more than 200 exercise problems, as well as concept check questions for each section, tied directly to specific learning outcomes. Your step by step guide with easy to follow instructions for navigating Drupal 8 Key

FeaturesBuild a great Drupal website easilyHow to structure, create and maintain different types of contentDesign roles for secure editing of your siteBook Description Drupal is a powerful content management platform, ?exible enough to accommodate almost any content requirements. This ?exibility comes with a cost: complexity. Drupal 8 Quick Start Guide will clear your path from installation to a building usable site in minutes, and to a customized site in one sitting. You will begin with installation of Drupal and going through the main sections of the Drupal UI. Then, you will create a content type that describes its content, which simplifies the act of creating and editing the actual content later. You will learn about user roles, using real-world examples. This will help you to learn how to design roles, and how to assign appropriate permissions to them. Next, you will learn to use the WYSIWYG editor, configure it for other roles, navigate the various fields on the content creation form, and publish content. To begin to appreciate the ?exibility and expandability of Drupal, you will make use of popular content-focused modules that extend Drupal's power. You will learn how to expand your market to other readers directly and through other sites by configuring content and UI translations and creating a View that provides an RSS feed. Finally, you will put everything together by customizing the home page for your new website. What you will learnCreate and customize Drupal structures, such as menus,

tags, and content categoriesExtend Drupal's capabilities with add-on modulesAdminister site users, their roles, and the actions to which they are granted accessUnderstand user roles and permissionsCreate, edit, and publish contentUse Views for custom content selection and displayExpand your audience with custom RSS feedsConfigure a home page with meaningful sections for a better UXWho this book is for This book is for content administrators, developers, site builders and administrators who are new to Drupal 8. The ASQ(R) SE-2; Quick Start Guide is a convenient, at-a-glance guide that keeps ASQ: SE-2 scoring and administration basics right at the fingertips. Perfect for busy professionals on the go, this Quick Start Guide is laminated, lightweight, and so cost-effective that every professional in a program can have one (it (TM)s sold in a package of 5). ASQ: SE-2 users will turn to the Quick Start Guide for clear, simple directions on selecting the correct questionnaire, scoring ASQ: SE-2, and communicating results to parents. The Quick Start Guide is part of the ASQ: SE-2 screening system. ASQ: SE-2 is the NEW edition of the bestselling screener trusted to uncover possible social-emotional issues as early as possible during the crucial first 6 years of life. The 9 age-appropriate ASQ: SE-2 questionnaires effectively screen 7 key developmental areas: self-regulation, compliance, adaptive functioning, autonomy, affect, social-communication, and interaction with people.

The second edition of ASQ: SE-2 has been revised and updated with invaluable new features, including a NEW 2 month questionnaire, an expanded age range, updated cutoff scores, new behavior and communication items, and more updates to help you better support families and promote social-emotional development. Learn more about ASQ: SE-2 and its companion developmental screener, ASQ(R)-3--the valid, reliable, and trusted tool for screening children during the crucial first 51/2 years of life. The Ultimate Beginner's Guide to Day Trading The ONLY Day Trading Book Complete With a Library of FREE Digital Trading Tools + $1,000 Trading Commission Rebate to One of the Largest Trading Brokers Online! Trade for FREE with your $1,000 commission rebate as you learn how to become a successful day trader using the techniques and strategies inside Day Trading QuickStart Guide. Don't be fooled by fake 'gurus' and fly-by-night 'books' written by anonymous authors. Author Troy Noonan has already made hundreds of successful day traders using the exact information in this book. Are you ready to be the next success story? If you are SERIOUS about achieving financial freedom through day trading than look no further than Day Trading QuickStart Guide! Day Trading QuickStart Guide smashes the myth that successful day traders are math experts, careless risk junkies, or compulsive gamblers. Using the tactics and enclosed in these chapters, you'll learn the exact skills needed to find real success while keeping your risk to an absolute bare minimum. Author Troy Noonan is a professional full-time trader and day trading coach with over 25 years of experience. The original 'Backpack Trader', Noonan has helped thousands of students in over 100 countries become successful traders using the exact methods and strategies shared in this book. His story, and the success stories of his students, is living proof that anyone can take advantage of the freedom (financial and otherwise) that day trading offers. Low-cost trading platforms, the ability to trade from anywhere at any time, and the comprehensive education you'll receive Day Trading QuickStart Guide means that there has NEVER been a better time to learn how to day trade. Use the knowledge gained from reading this book to hobby day trade, supplement your current income, or day trade as a business; getting started takes less capital than you might think! Day Trading QuickStart Guide Is Perfect For: - Complete beginners - even if you've never bought a single stock before! - People who tried day trading in the past but didn't find success because of phony gurus and courses - Existing traders who want to hone their skills & increase their earning potential - Anyone who wants the freedom of making full-time income with part-time effort! Day Trading QuickStart Guide Explains: - The Inner Workings of the Derivatives Market - Futures Trading Contracts, How They Work and How to Maximize their Efficiency - How to Day Trade Options and Use Options Contracts to Hedge Against Risk - The Mechanics of Forex Trading and How to Use Foreign Currency Markets to Your Benefit You Will Learn: - Day Trading Fundamentals, from the Anatomy of a Trade to Powerful Trade Plans For Serious Returns - Technical Analysis, the Backbone of Finding and Executing Winning Trades - Trading Psychology, a Key Aspect That Allows Traders to Rise to the Top - The Surprisingly Simple Way to Interpret Market Charts and Act Based on Your Findings Before Anyone Else - Technical Indicators, Patterns, Trade Plans, and Mistakes New Traders Must Avoid *LIFETIME ACCESS TO FREE DAY TRADING DIGITAL ASSETS* Day Trading QuickStart Guide comes with lifetime access to a library of exclusive tools and videos designed to help you get started quickly and become a better trader faster. *GIVING BACK* ClydeBank Media proudly supports nonprofit AdoptAClassroom, whose mission is to advance equity in K-12 education by supplementing school funding of vital classroom material THE ULTIMATE BEGINNER'S GUIDE TO REAL ESTATE INVESTING IN THE POST-PANDEMIC ECONOMY INCLUDES 8 HOURS OF FREE ONLINE REAL ESTATE COURSES FROM THE AUTHOR + MULTIPLE FREE REAL ESTATE INVESTING TOOLS Do you want to know to create passive income, build real long-term wealth, and achieve financial freedom all through real estate investing? Have you attended real estate 'seminars' with so-called 'gurus' only to leave with a hole in your pocket

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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. Build web applications with MongoDB, ExpressJS, React, and Node Key Features Build applications with the MERN stack Work with each component of the MERN stack Become confident with MERN and ready for more! Book Description The MERN stack is a collection of great tools--MongoDB, Express.js, React, and Node--that provide a strong base for a developer to build easily maintainable web applications. With each of them a JavaScript or JavaScript-based technology, having a shared programming language means it takes less time to develop web applications. This book focuses on providing key tasks that can help you get started, learn, understand, and build full-stack web applications. It walks you through the process of installing all the requirements and

project setup to build client-side React web applications, managing synchronous and asynchronous data flows with Redux, and building real-time web applications with Socket.IO, RESTful APIs, and other concepts. This book gives you practical and clear hands-on experience so you can begin building a full-stack MERN web application. Quick Start Guides are focused, shorter titles that provide a faster paced introduction to a technology. They are for people who don't need all the detail at this point in their learning curve. The presentation has been streamlined to concentrate on the things you really need to know. What you will learn Get started with the MERN stack Install Node.js and configure MongoDB Build RESTful APIs with Express.js and Mongoose Build real-time applications with Socket.IO Manage synchronous and asynchronous data flows with Redux Build web applications with React Who this book is for The book is for JavaScript developers who want to get stated with the MERN Stack. Cloud computing has caused a marketing fog, confusing business executives seeking to understand the technology's potential applications and business benefits. A Quick-Start Guide to Cloud Computing cuts through the industry hype and provides non-technical explanations about what it is and how it can improve your business. With case studies from large and small business, it shows how enabling a remote workforce and sharing resources can reduce your organisation's carbon footprint. It

describes: the benefits of cloud computing; how to choose the right supplier and technologies for your particular business; key security issues and the perils and pitfalls to avoid. This Quick Start Guide puts business needs before technology, enabling you to make confident decisions about IT strategy, make the right choices for your business and reject 'solutions' that fix problems you don't have. The easiest way to learn Lua programming Key Features The easiest way to learn Lua coding Use the Lua standard libraries and debug Lua code Embed Lua as a scripting language using the Lua C API Book Description Lua is a small, powerful and extendable scripting/programming language that can be used for learning to program, and writing games and applications, or as an embedded scripting language. There are many popular commercial projects that allow you to modify or extend them through Lua scripting, and this book will get you ready for that. This book is the easiest way to learn Lua. It introduces you to the basics of Lua and helps you to understand the problems it solves. You will work with the basic language features, the libraries Lua provides, and powerful topics such as object-oriented programming. Every aspect of programming in Lua, variables, data types, functions, tables, arrays and objects, is covered in sufficient detail for you to get started. You will also find out about Lua's module system and how to interface with the operating system. After reading this book, you will be ready to use

Lua as a programming language to write code that can interface with the operating system, automate tasks, make playable games, and much more. This book is a solid starting point for those who want to learn Lua in order to move onto other technologies such as Love2D or Roblox. A quick start guide is a focused, shorter title that provides a faster paced introduction to a technology. It is designed for people who don't need all the details at this point in their learning curve. This presentation has been streamlined to concentrate on the things you really need to know. What you will learn Understand the basics of programming the Lua language Understand how to use tables, the data structure that makes Lua so powerful Understand object-oriented programming in Lua using metatables Understand standard LUA libraries for math, file io, and more Manipulate string data using Lua Understand how to debug Lua applications quickly and effciently Understand how to embed Lua into applications with the Lua C API Who this book is for This book is for developers who want to get up and running with Lua. This book is ideal for programmers who want to learn to embed Lua in their own applications, as well as for beginner programmers who have never coded before. 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. As with any profession, there are many skills to learn when we start a network marketing career. But, we don't have to learn them all right away. With just a few basic mindsets and phrases, our new team members can build a business while they learn their new profession. An action plan for working as a consultant Management consulting is a $250 billion industry and growing at a rate of over four percent annually. Many predict that more than 40 percent of the U.S. workforce will soon be contingent, freelance, or consulting members of the workforce—making this book more relevant than ever. Individuals become independent consultants out of necessity or preference: necessity because they lost their job or the company offered an attractive exit package; preference because they want a career change, more control over their time, or an enriched, varied work situation. Consulting also appeals to the Millennial workforce who are searching for careers that offer a good salary as well as meaningful work. The New Consultant's Quick Start Guide: • Serves as a companion to The New Business of Consulting • Provides you with a place to plan your transition into consulting • Helps you identify your niche, develop a business plan, charge what you're worth, and create a marketing strategy to ensure a steady stream of clients • Prepares you for changes you will encounter beyond your professional life, including social, family, and financial aspects The New Consultant's Quick Start Guide helps you work through the challenges of consulting such as working alone, deciding on necessary insurance coverage, finding your first clients, struggling with cash flow, and understanding market trends.