

Quick Start Guide

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[The Design Thinking Quick Start Guide](#) Packt Publishing Ltd

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.

[Wireshark 2 Quick Start Guide](#) Packt Publishing Ltd

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.

[The Secret Quick Start Guide](#) Packt Publishing Ltd

Python's built-in unittest module is showing it's age; hard to extend, debug and track what's going on. The pytest framework overcomes these problems and simplifies testing your Python software. Many users love to use pytest and the improvement in their testing shows! This book is the ideal introduction to pytest, teaching you how to write ...

[Agile Scrum](#) ClydeBank Media LLC Learn quick and effective techniques to get up and running with building blockchain including Ethereum and Hyperledger Fabric. Key Features Understand the key concepts of decentralized applications and consensus algorithms Learn key concepts of Ethereum and Solidity programming Practical guide to get started with build efficient Blockchain applications with Ethereum and Hyperledger Book 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 decentralized, 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 learn

Understand how blockchain hashing works
Write and test a smart contract using Solidity
Develop and test a decentralized application
Build and test your application using Hyperledger Fabric
Implement business network using Hyperledger Composer
Test and interact with business network applications

Who this book is for
The book is for developers, analysts, or anyone looking to learn about Blockchain in a quick and easy manner.

Day Trading QuickStart Guide Packt Publishing Ltd

THE ULTIMATE GUIDE TO ACCOUNTING FOR STUDENTS, BUSINESS OWNERS & FINANCE PROFESSIONALS! | UPDATED AND EXPANDED 3RD EDITION | The ONLY accounting book written by a CPA for both a small business owners and accounting students! Are you a student that wants to master the fundamentals of financial and managerial accounting? Then you NEED this book. Buy now and start reading today! Are you a business owner who wants to operate a successful and financial sound operation? Then you NEED this book. Buy now and start reading today! Meet Josh Bauerle, reluctant accounting student turned super CPA and author of Accounting QuickStart Guide, 3rd Edition. This revolutionary book expertly simplifies accounting fundamentals and is an invaluable resource for accounting students, business owners, bookkeepers, and

other finance and record keeping professionals everywhere! Whether you are a business owner looking to boost your bottom line or an accounting student looking to boost your grade, this book will prove indispensable on your journey. Why do accounting students, business owners, and finance professionals love this book so much? Accounting QuickStart Guide smashes the myth that says accounting must be dry, dense, and difficult to learn. Josh Bauerle simplifies the core principles of accounting with entertaining stories and examples as well as clarifying illustrations and practice problems—all of which combine to provide learners a path to fast and effective mastery of the material. **FOR BUSINESS OWNERS:** Learn how to control your cash flow, audit-proof your business, and increase your profits. Accounting QuickStart Guide will teach you the key insights to boost your bottom line in an easy-to-read, informative format. **FOR ACCOUNTING STUDENTS:** Learn the fundamental principles of both financial and managerial accounting in an engaging and educating format that you simply will not find in any textbook. Understand core accounting concepts such as the fundamental accounting equation, financial statements, managerial accounting and more through practical, real-world examples. Utilize the Accounting QuickStart Guide to supplement existing material for high school, undergraduate, or graduate courses. You'll Learn: - The Logic and Methods of Classic Double-Entry Accounting! - Business Entity Types; Their Pros, Cons and Their Financial Statements! - The Principles of Financial Accounting, Managerial Accounting and Tax Accounting! - GAAP Standards and Why They Matter to Accountants! - How to Fraud-Proof Your Business Using Simple Accounting Tactics! *FREE ACCOUNTING DIGITAL RESOURCES Each book includes access to tons of online resources including workbooks, cheat sheets, calculators reference guides, chapter summaries and more! Follow the instructions in the book to receive your free digital resources. * **GIVING BACK** * QuickStart Guides proudly supports One Tree Planted as a reforestation partner. D3.js Quick Start Guide Packt Publishing Ltd 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 Features** Work with GIS data, a step by step guide from creation to making a map Perform geoprocessing tasks and automate them using model builder Explore a range of features in QGIS 3.4, discover the

power behind open source desktop GIS

Book 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 learn

Use existing data to interact with the canvas via zoom/pan/selection
Create vector data and a GeoPackage and build a simple project around it
Style data, both vector and raster data, using the Layer Styling Panel
Design, label, save, and export maps using the data you have created
Analyze spatial queries using the Processing toolbox
Expand QGIS with the help of plugins, model builder, and the command line

Who 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.

SQL QuickStart Guide ClydeBank Media LLC

THE BEST SQL BOOK FOR BEGINNERS - HANDS DOWN! *INCLUDES FREE ACCESS TO A SAMPLE DATABASE, SQL BROWSER APP, COMPREHENSION QUIZES & SEVERAL OTHER DIGITAL RESOURCES!* 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 experience Managers, decision makers, and business owners looking to manage data-driven business insights - Developers looking to expand their mastery beyond the full stack Anyone 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 SQL RESOURCES*: Each book comes with free lifetime access to tons of exclusive online resources to help you master SQL, such as workbooks, cheat sheets and reference guides. *GIVING BACK* QuickStart Guides proudly supports One Tree Planted as a reforestation partner. Agile Project Management QuickStart Guide Packt Publishing Ltd 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. Jira Quick Start Guide ClydeBank Media LLC Echo is a leading framework for creating web applications with the Go language. This book will show you how to develop scalable real-world web apps, RESTful services, and backend systems with Echo. Starting a Business QuickStart Guide Packt Publishing Ltd Web scraping is the process of extracting information from the web using various tools that perform scraping and crawling. Go is emerging as the language of choice for scraping using a variety of libraries. This book will quickly explain to you, how to scrape data data from various websites using Go libraries such as Colly and Goquery. Next.js Quick Start Guide Packt Publishing Ltd 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* QuickStart Guides proudly supports One Tree Planted as a reforestation partner. Rust Quick Start Guide Pragmatic Bookshelf 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 bestselling *Arduino: 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 a convenience 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 (preferably 1/16") A soldering stand and a sponge A standard 60/40 solder (rosin-core) spool for electronics work

Blockchain Quick Start Guide Createspace Independent Publishing Platform

Build and train scalable neural network models on various platforms by leveraging the power of Caffe2 Key Features Migrate models trained with other deep learning frameworks on Caffe2 Integrate Caffe2 with Android or iOS and implement deep learning models for mobile devices Leverage the distributed capabilities of Caffe2 to build models that scale easily

Book Description Caffe2 is a popular deep learning library used for fast and scalable training and inference of deep learning models on various platforms. This book introduces you to the Caffe2 framework and shows how you can leverage its power to build, train, and deploy efficient neural network models at scale. It will cover the topics of installing Caffe2, composing networks using its operators, training models, and deploying models to different architectures. It will also show how to import models from Caffe and from other frameworks using the ONNX interchange format. It covers the topic of deep learning accelerators such as CPU and GPU and shows how to deploy Caffe2 models for inference on accelerators using inference engines. Caffe2 is built for deployment to a diverse set of hardware, using containers on the cloud and resource constrained hardware such as Raspberry Pi, which will be demonstrated. By the end of this book, you will be able to not only compose and train popular neural network models with Caffe2, but also be able to deploy them on accelerators, to the cloud and on resource constrained platforms such as mobile and embedded hardware. What you will learn

Build and install Caffe2 Compose neural networks Train neural network on CPU or GPU Import a neural network from Caffe Import deep learning models from other frameworks Deploy models on CPU or GPU accelerators using inference engines Deploy models at the edge and in the cloud

Who this book is for Data scientists and machine learning engineers who wish to create fast and scalable deep learning models in Caffe2 will find this book to be very useful. Some understanding of the basic machine learning concepts and prior exposure to programming languages like C++ and Python will be useful.

Kotlin Quick Start Guide Packt Publishing Ltd

Learn the new Blender 2.8 user interface and make 3D models

Key Features Find your way round the new user interface and tools of Blender 2.8 Create materials, apply textures and render scenes Use the new cutting-edge real-time render EEVEE in your projects

Book Description Blender is open source 3D creation software. With a long

history and an enthusiastic community of users, it is the ideal choice for almost any kind of work with 3D modeling or animation. However, for new users, its power and flexibility can sometimes be daunting, and that's when you need this book! The book starts by showing you round the all-new Blender 2.8 user interface. You'll look at the most commonly-used options and tools, such as navigating in 3D and selecting objects. You will then use and manipulate one of the most important windows of the interface, the 3D View. You'll learn how to use essential tools for working with 3D modeling. To give your models the feel of real-world objects, you'll learn how to create materials and set up surfaces. You'll see how to use Physically-Based Rendering (PBR), which allows you to craft realistic surfaces such as wood, stone, and metal. You will also work with Eevee, a new real-time render engine in Blender. You will see how to add motion to objects, making use of Blender's impressive 3D animation features. Finally, you'll learn how to create scenes and organize them for rendering, and later add titles and effects using built-in Blender tools. By the end of the book, you will be able to use Blender 2.8 new UI, Create 3D Models with textures, Animations, and Render them in real-time using Eevee. What you will learn

Manipulate and visualize your 3D objects in Blender Use polygon modeling tools such as extrude, loop cut, and more Apply precision modeling tools like snapping and the 3D Cursor Render a scene using the real-time engine Eevee Create materials for Eevee and Cycles Render a scene with the Eevee real-time engine Use PBR textures to craft realistic surfaces such as wood with the Shader Editor Add motion and animation using keyframes Create animation loops using curves and modifiers

Who this book is for This book is for anyone interested in taking their steps with Blender. If you're an experienced 3D artists or hobbyist, this book will help you with its features.

Bash Quick Start Guide Packt Publishing Ltd

An accessible fast paced introduction to all aspects of Power BI for new or aspiring BI professionals, data analysts, and data visualizers. Purchase of the print or Kindle book includes a free eBook in the PDF format. Key Features Updated with the latest features in Power BI including Dataflow, AI insights, visuals and row level security Get faster and more intuitive data insights using Microsoft Power BI and its business intelligence capabilities Build accurate analytical models, reports, and dashboards

Book 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 learn

Connect to data sources using import and DirectQuery options
Use Query Editor for data transformation and data cleansing processes, including writing M and R scripts and dataflows to do the same in the cloud
Design optimized data models by designing relationships and DAX calculations
Design effective reports with built-in and custom visuals
Adopt Power BI Desktop and Service to implement row-level security
Administer a Power BI cloud tenant for your organization
Use built-in AI capabilities to enhance Power BI data transformation techniques
Deploy your Power BI desktop files into the Power BI Report Server

Who 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.

[Docker Quick Start Guide](#) John Wiley & Sons
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

[pytest Quick Start Guide](#) Packt Publishing Ltd
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!

[Microsoft Power BI Quick Start Guide](#) John Wiley & Sons
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 Features
Learn the semantics of Rust, which can be significantly different from other programming languages
Understand clearly how to work with the Rust compiler which strictly enforces rules that may not be obvious
Examples and insights beyond the Rust documentation

Book 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 learn

Install Rust and write your first program with it
Understand ownership in Rust
Handle different data types
Make decisions by pattern matching
Use smart pointers
Use generic types and type specialization
Write code that works with many data types
Tap into the standard library

Who 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.

[Accounting QuickStart Guide](#) Packt Publishing Ltd
Get Projects Done Quickly & Add Value Immediately Through Agile Project Management!
Agile Project Management is simply shifting the world of project management at its core and theres a reason why. With an approach to projects that is quite different from the traditional waterfall methodology, Agile Project Management focuses on added value fast while staying on track to achieve a defined business goal. Completing projects in small chunks, piece by piece, allows project stakeholders to implement deliverables much faster than waiting for all phases of the project to be completed as well as allowing for modifications to project items based on changing needs. Often overlooked as a project management style that is only for IT related projects, Agile methodology can be utilized to complete projects across any industry including company reorganization, improving upon or redefining business processes and simply any project that does has short production and implementation times.

[Lua Quick Start Guide](#) Packt Publishing Ltd

Discover techniques and tools for building serverless applications with AWS Lambda Key Features Learn to write, run, and deploy Lambda functions in the AWS cloud Make the most of AWS Lambda functions to build scalable and cost-efficient systems A practical guide to developing serverless services and applications in Node.js, Java, Python, and C# Book Description AWS Lambda is a part of AWS that lets you run your code without provisioning or managing servers. This enables you to deploy applications and backend services that operate with no upfront cost. This book gets you up to speed on how to build scalable systems and deploy serverless applications with AWS Lambda. The book starts with the fundamental concepts of AWS Lambda, and then teaches you how to combine your applications with other AWS services, such as AmazonAPI Gateway and DynamoDB. This book will also give a quick walk through on how to use the Serverless Framework to build larger applications that can structure code or autogenerate boilerplate code that can be used to get started quickly for increased productivity. Toward the end of the book, you will learn how to write, run, and test Lambda functions using Node.js, Java, Python, and C#. What you will learn Understand the fundamental concepts of AWS Lambda Get to grips with the Serverless Framework and how to create a serverless project Testing and debugging Lambda functions Create a stateful, serverless backend with DynamoDB Program AWS Lambda with Java, Python, and C# Program a lambda function with Node.js Who this book is for This book is primarily for IT architects and developers who want to build scalable systems and deploy serverless applications with AWS Lambda. No prior knowledge of AWS is necessary.