

Free Ebook For Plan And Implementation Guide Sap Learning Solutions

Scaling Agile with Jira Align is a practical guide for agile enterprise planning, delivery, reporting, and forecasting. This book will take you through best practices and use cases with a focus on scaling agile team execution in Jira Software. You'll achieve enterprise-wide agility and value delivery by implementing various features of Jira Align.

'Giving you all the facts to help you decide how best to have a healthy life. - Dr Phil Hammond Statins are among the most widely prescribed drugs in the world. Yet many report unacceptable side effects and a US survey revealed that 75 per cent of respondents stopped taking them within a year. So what is the evidence for their benefits? Dr Aseem Malhotra, author of the bestselling The 21-Day Immunity Plan and co-author of the bestselling The Pioppi Diet, examines the claims for statins and their role in lowering cholesterol and preventing heart disease. He introduces us to his targeted heart-health plan, which, with a diet plan, recipes and advice on reducing stress and increasing movement, can help us to live statin-free and take control of our own health. 'Backed by science, this is a riveting read for anyone with a heart.' - Liz Earle 'Aseem's programme gives you the best opportunity for a v long and healthy life.' - Ross Walker 'Get this book to figure out if a statin-free life is right for you.' - Dr Robert

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Lustig

Leverage Docker to unlock efficient and rapid container deployments to improve your development workflow

Key Features

- Reconfigure Docker hosts to create a logging system with the ElasticSearch-Logstash-Kibana (ELK) stack
- Tackle the challenges of large-scale container deployment with this fast-paced guide
- Benchmark the performance of your Docker containers using Apache JMeter

Book Description

Docker is an enterprise-grade container platform that allows you to build and deploy your apps. Its portable format lets you run your code right from your desktop workstations to popular cloud computing providers. This comprehensive guide will improve your Docker workflows and ensure your application's production environment runs smoothly. This book starts with a refresher on setting up and running Docker and details the basic setup for creating a Docker Swarm cluster. You will then learn how to automate this cluster by using Chef Server and Cookbook. After that, you will run the Docker monitoring system with Prometheus and Grafana, and deploy the ELK stack. You will also learn some tips for optimizing Docker images. After deploying containers with the help of Jenkins, you will then move on to a tutorial on using Apache JMeter to analyze your application's performance. You will learn how to use Docker Swarm and NGINX to load-balance your application and how common debugging tools in Linux can be used to troubleshoot Docker containers. By the end of this book, you will be able to integrate all the optimizations that you have learned and put everything into practice in your

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applications. What you will learn Automate provisioning and setting up nodes in a Docker Swarm cluster Configure a monitoring system with Prometheus and Grafana Use Apache JMeter to create workloads for benchmarking the performance of Docker containers Understand how to load-balance an application with Docker Swarm and Nginx Deploy strace, tcdump, blktrace, and other Linux debugging tools to troubleshoot containers Integrate Docker optimizations for DevOps, Site Reliability Engineering, CI, and CD Who this book is for If you are a software developer with a good understanding of managing Docker services and the Linux file system and are looking for ways to optimize working with Docker containers, then this is the book for you. Developers fascinated with containers and workflow automation will benefit from this book.

Hands-on Application Development with PyCharm addresses the modern-age enterprise application development concerns and how to solve them using a variety of features and functionalities available in PyCharm. This book will help you master the art of developing and delivering production-ready and real-world python applications to your clients.

Work through exciting recipes to administer your AWS cloud Key Features Build secure environments using AWS components and services Explore core AWS features with real-world applications and best practices Design and build Lambda functions using real-world examples Book Description With this Learning Path, you'll explore techniques to easily manage applications on the AWS cloud. You'll begin with an introduction to

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serverless computing, its advantages, and the fundamentals of AWS. The following chapters will guide you on how to manage multiple accounts by setting up consolidated billing, enhancing your application delivery skills, with the latest AWS services such as CodeCommit, CodeDeploy, and CodePipeline to provide continuous delivery and deployment, while also securing and monitoring your environment's workflow. It'll also add to your understanding of the services AWS Lambda provides to developers. To refine your skills further, it demonstrates how to design, write, test, monitor, and troubleshoot Lambda functions. By the end of this Learning Path, you'll be able to create a highly secure, fault-tolerant, and scalable environment for your applications. This Learning Path includes content from the following Packt products: AWS Administration: The Definitive Guide, Second Edition by Yohan Wadia AWS Administration Cookbook by Rowan Udell, Lucas Chan Mastering AWS Lambda by Yohan Wadia, Udit Gupta

What you will learn

- Explore the benefits of serverless computing and applications
- Deploy apps with AWS Elastic Beanstalk and Amazon Elastic File System
- Secure environments with AWS CloudTrail, AWSConfig, and AWS Shield
- Run big data analytics with Amazon EMR and Amazon Redshift
- Back up and safeguard data using AWS Data Pipeline
- Create monitoring and alerting dashboards using CloudWatch
- Effectively monitor and troubleshoot serverless applications with AWS
- Design serverless apps via AWS Lambda, DynamoDB, and API Gateway

Who this book is for

This Learning Path is specifically designed for IT system and network

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administrators, AWS architects, and DevOps engineers who want to effectively implement AWS in their organization and easily manage daily activities. Familiarity with Linux, web services, cloud computing platforms, virtualization, networking, and other administration-related tasks will assist in understanding the concepts in the book. Prior hands-on experience with AWS core services such as EC2, IAM, S3, and programming languages, such as Node.js, Java, and C#, will also prove beneficial.

"The plan-as-you-go premise is simple - plan for your business' sake, not for planning's sake. Tim Berry invites you to block all thoughts of overwhelming, traditional, formal, cookie-cutter business plans and embrace and easier, more practical business plan."--BOOK JACKET.

This book will show you how to create robust, scalable, highly available and fault-tolerant solutions by learning different aspects of Solution architecture and next-generation architecture design in the Cloud environment.

Why Don't They Tell You The Link Between Ebook Publishing And How To Make Money Online What The Ebook Writing Gurus Won't Tell You ... How You Can Quickly Make Money Online From Your Kindle Publishing! If you have written a book; poured your heart and soul into it; Kindle have published it and you sat back to watch just a trickle of sales come through; you have given away more copies than you have sold; you have reduced the price time and time again: then this EBook is for you! Are You Looking For Ways To Advertise, Market and Promote Your EBook? Are You a Struggling Author Who Cannot Earn Money From

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Ebooks? Do You still search the Publishing Reports Daily (or Even Hourly) Hoping To Have Sold Another Gem? Have a look around the Publishing Marketplace and you will find a plethora of Ebooks that tell you how to write. They tell you how to add images, format your paragraphs and what fonts to use. They tell you how to load it up to the Marketing Machines and publish your Ebook, and even why you should, or should not use the promotion program. Very few will provide you with good and solid explanations of how and what to do to get it front of people In This EBook You Will Quickly Learn; Why people don't write EBooks and Why You Need To Organise Your Work Why You Have To Blow Your Own Horn To Make People Dance Why The Power Lies With The People, By The People and For The People - I'm Talking Reviews The Art That Is Kindle Publishing: How To Set The Right Price For Your EBook How To Market Your EBook For No Cost, Low Cost and Donations How To Market Your Published EBook With Paid For Sites And Maximise Your Exposure And Much More Not to mention the checklist of the marketing plan and over 100 links to resources and sites to post your masterpiece! So If You Want To achieve; The understanding, Internet savvy and the right approach to Advertising, Marketing and Promoting Your EBook Listing your EBook for the maximum exposure on all the authority EBook sites Maximum exposure for your EBook and Personal Website or blog Trading links and getting backlinks from some of the most popular EBook sites of today You Will Want To Make Money Online From Your Kindle Publishing Then You Need To Grab Your Copy of

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"Secrets of PDF, Mobi, Kindle and Other EBooks Advertising, Marketing and Promotions Resources" Today!!!

Libraries have always played a special role in times of disaster by continuing to provide crucial information and services.

In *The Purposeful Planning Method*, Matt East, one of the world's leading experts on productivity reveals how to spend more time on the projects, activities, and relationships that are most important and meaningful to you. If you've struggled with planning your day in the past, the problem isn't you. It's your system for planning. This book will teach you how to: Regain control of your time Begin each day with clarity and purpose Identify and achieve your most important priorities each day After reading it, you will: Know exactly how to plan your day successfully Never feel overwhelmed about your schedule again Perform at your peak every day Understand how the most successful people plan their time Reshape the way you think about planning and thrive in all areas of life!

Complete recipes spread across 15 chapters to help you overcome commonly faced issues by Python for everybody across the globe. Each recipe takes a problem-solution approach to resolve for effective Python. Key Features Develop expressive and effective Python programs Best practices and common idioms through carefully explained recipes Discover new ways to apply Python for data-focused development Make use of Python's optional type annotations Book Description Python is the preferred choice of developers, engineers,

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data scientists, and hobbyists everywhere. It is a great language that can power your applications and provide great speed, safety, and scalability. It can be used for simple scripting or sophisticated web applications. By exposing Python as a series of simple recipes, this book gives you insight into specific language features in a particular context. Having a tangible context helps make the language or a given standard library feature easier to understand. This book comes with 133 recipes on the latest version of Python 3.8. The recipes will benefit everyone, from beginners just starting out with Python to experts. You'll not only learn Python programming concepts but also how to build complex applications. The recipes will touch upon all necessary Python concepts related to data structures, object oriented programming, functional programming, and statistical programming. You will get acquainted with the nuances of Python syntax and how to effectively take advantage of it. By the end of this Python book, you will be equipped with knowledge of testing, web services, configuration, and application integration tips and tricks. You will be armed with the knowledge of how to create applications with flexible logging, powerful configuration, command-line options, automated unit tests, and good documentation. What you will learn See the intricate details of the Python syntax and how to use it to your advantage Improve your coding with Python readability through functions Manipulate data effectively using built-in data structures Get acquainted with advanced programming techniques in Python Equip yourself with functional and statistical programming features Write proper tests to be sure a

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program works as advertised Integrate application software using Python Who this book is for The Python book is for web developers, programmers, enterprise programmers, engineers, and big data scientists. If you are a beginner, this book will get you started. If you are experienced, it will expand your knowledge base. A basic knowledge of programming would help.

Practical solutions to overcome challenges in creating console and web applications and working with systems-level and embedded code, network programming, deep neural networks, and much more. Key Features Work through recipes featuring advanced concepts such as concurrency, unsafe code, and macros to migrate your codebase to the Rust programming language Learn how to run machine learning models with Rust Explore error handling, macros, and modularization to write maintainable code Book Description Rust 2018, Rust's first major milestone since version 1.0, brings more advancement in the Rust language. The Rust Programming Cookbook is a practical guide to help you overcome challenges when writing Rust code. This Rust book covers recipes for configuring Rust for different environments and architectural designs, and provides solutions to practical problems. It will also take you through Rust's core concepts, enabling you to create efficient, high-performance applications that use features such as zero-cost abstractions and improved memory management. As you progress, you'll delve into more advanced topics, including channels and actors, for building scalable, production-grade applications, and even get to grips with error handling, macros, and

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modularization to write maintainable code. You will then learn how to overcome common roadblocks when using Rust for systems programming, IoT, web development, and network programming. Finally, you'll discover what Rust 2018 has to offer for embedded programmers. By the end of the book, you'll have learned how to build fast and safe applications and services using Rust. What you will learn

- Understand how Rust provides unique solutions to solve system programming language problems
- Grasp the core concepts of Rust to develop fast and safe applications
- Explore the possibility of integrating Rust units into existing applications for improved efficiency
- Discover how to achieve better parallelism and security with Rust
- Write Python extensions in Rust
- Compile external assembly files and use the Foreign Function Interface (FFI)
- Build web applications and services using Rust for high performance

Who this book is for The Rust cookbook is for software developers looking to enhance their knowledge of Rust and leverage its features using modern programming practices. Familiarity with Rust language is expected to get the most out of this book.

MS-500: Microsoft 365 Security Administration offers complete, up-to-date coverage of the MS-500 exam so you can take it with confidence, fully equipped to pass the first time.

This book is your guide to visual programming with Delphi and FireMonkey (FMX). FMX is a cross-platform application framework that helps you deliver modern applications with a Graphical User Interface (GUI). You will learn FMX's UI-related features and capabilities

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together with useful techniques to achieve a rich user experience (UX).

Build scalable and production-ready infrastructure in Amazon Web Services with CloudFormation Key Features Leverage AWS CloudFormation templates to manage your entire infrastructure Get up and running with writing your infrastructure as code and automating your environment Simplify infrastructure management and increase productivity with AWS CloudFormation Book Description DevOps and the cloud revolution have forced software engineers and operations teams to rethink how to manage infrastructures. With this AWS book, you'll understand how you can use Infrastructure as Code (IaC) to simplify IT operations and manage the modern cloud infrastructure effectively with AWS CloudFormation. This comprehensive guide will help you explore AWS CloudFormation from template structures through to developing complex and reusable infrastructure stacks. You'll then delve into validating templates, deploying stacks, and handling deployment failures. The book will also show you how to leverage AWS CodeBuild and CodePipeline to automate resource delivery and apply continuous integration and continuous delivery (CI/CD) practices to the stack. As you advance, you'll learn how to generate templates on the fly using macros and create resources outside AWS with custom resources. Finally, you'll improve the way you manage the modern cloud in AWS by extending CloudFormation using AWS serverless application model (SAM) and AWS cloud development kit (CDK). By the end of this book, you'll have mastered all the major AWS

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CloudFormation concepts and be able to simplify infrastructure management. What you will learn

- Understand modern approaches to IaC
- Develop universal and reusable CloudFormation templates
- Discover ways to apply continuous delivery with CloudFormation
- Implement IaC best practices for the AWS Cloud
- Provision massive applications across multiple regions and accounts
- Automate template generation and software provisioning for AWS
- Extend CloudFormation with custom resources and template macros

Who this book is for

If you are a developer who wants to learn how to write templates, a DevOps engineer interested in deployment and orchestration, or a solutions architect looking to understand the benefits of managing infrastructure with ease, this book is for you.

Prior understanding of the AWS Cloud is necessary.

"Melinda Emerson...will inspire you to pursue your own entrepreneurial vision." —Marc H. Morial, President, National Urban League

Whether you're newly unemployed, sick of office life and longing for a change, or just want to finally turn your business idea into reality, you can follow your dream and make your passion your profession. Drawing on her experience as founder of an award-winning production company, Melinda F. Emerson shows you how in this practical month-by-month guide to getting your business off the ground. Inside, you'll find the timetable and steps you need to take to become a successful CEO of your own venture, including:

- Month 1: Meet with potential venture capitalists
- Month 3: Set a one-year marketing budget
- Month 5: Select a logo
- Month 9: Purchase customer relationship management software

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Month 11: Prepare your launch day press release Next year at this time, you could be calling the shots at your dream job. You supply the energy, an idea, and elbow grease—and this book will supply the plan.

Get up to speed with React, React Native, GraphQL and Apollo for building cross-platform native apps with the help of practical examples Key Features Covers the latest features of React such as Hooks, Suspense, NativeBase, and Apollo in this updated third edition Get to grips with the React architecture for writing easy-to-manage web and mobile applications Understand GraphQL and Apollo for building a scalable backend for your cross-platform apps Book Description React and React Native, Facebook's innovative User Interface (UI) libraries, are designed to help you build robust cross-platform web and mobile applications. This updated third edition is improved and updated to cover the latest version of React. The book particularly focuses on the latest developments in the React ecosystem, such as modern Hook implementations, code splitting using lazy components and Suspense, user interface framework components using Material-UI, and Apollo. In terms of React Native, the book has been updated to version 0.62 and demonstrates how to apply native UI components for your existing mobile apps using NativeBase. You will begin by learning about the essential building blocks of React components. Next, you'll progress to working with higher-level functionalities in application development, before putting this knowledge to use by developing user interface components for the web and for native platforms. In the concluding chapters, you'll learn how to

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bring your application together with a robust data architecture. By the end of this book, you'll be able to build React applications for the web and React Native applications for multiple mobile platforms. What you will learn

Delve into the React architecture, component properties, state, and context Get to grips with React Hooks for handling functions and components Implement code splitting in React using lazy components and Suspense Build robust user interfaces for mobile and desktop apps using Material-UI Write shared components for Android and iOS mobile apps using React Native Simplify layout design for React Native apps using NativeBase Write GraphQL schemas to power web and mobile apps Implement web and mobile components that are driven by Apollo Who this book is for This book is for any JavaScript developer who wants to start learning how to use Facebook's UI libraries, React and React Native, for mobile and web application development. Although no prior knowledge of React is needed, working knowledge of JavaScript programming will help you understand the concepts covered in the book more effectively.

Explore popular language features, Java to Kotlin interoperability, advanced topics, and practical applications by building a variety of sample projects Key Features Understand and leverage the syntax, tools, and patterns by writing code in Kotlin Explore practical topics such as Java interop, concurrency with coroutines, and functional programming Discover how to use Kotlin for build targets like Android, iOS, JavaScript, and backend service Book Description Using Kotlin without taking

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advantage of its power and interoperability is like owning a sports car and never taking it out of the garage. While documentation and introductory resources can help you learn the basics of Kotlin, the fact that it's a new language means that there are limited learning resources and code bases available in comparison to Java and other established languages. This Kotlin book will show you how to leverage software designs and concepts that have made Java the most dominant enterprise programming language. You'll understand how Kotlin is a modern approach to object-oriented programming (OOP). This book will take you through the vast array of features that Kotlin provides over other languages. These features include seamless interoperability with Java, efficient syntax, built-in functional programming constructs, and support for creating your own DSL. Finally, you will gain an understanding of implementing practical design patterns and best practices to help you master the Kotlin language. By the end of the book, you'll have obtained an advanced understanding of Kotlin in order to be able to build production-grade applications. What you will learn Model data using interfaces, classes, and data classes Grapple with practical interoperability challenges and solutions with Java Build parallel apps using concurrency solutions such as coroutines Explore functional, reactive, and imperative programming to build flexible apps Discover how to build your own domain-specific language Embrace functional programming using the standard library and Arrow Delve into the use of Kotlin for frontend JavaScript development Build server-side services using Kotlin and Ktor Who this book

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is for If you're a Kotlin developer looking to further their skills or a professional Java developer looking for better or professional resources in order to make a switch to Kotlin, this book is for you. Familiarity with Kotlin programming will assist with understanding key concepts covered in the book.

Let us guide you on every step of your travels. From deciding when to go, to choosing what to see when you arrive, Insight Guide Mexico is all you need to plan your trip and experience the best of Mexico, with in-depth insider information on must-see, top attractions like Chichén Itzá, the Riviera Maya, Mexico City, Palenque and Colonial Oaxaca and hidden cultural gems like riding the world's most scenic railroad aboard the Ferrocarril Chichuahua al Pacífico. This book is ideal for travellers seeking immersive cultural experiences, from exploring Teotihuacán, Uxmal and Meixcan folk art, to discovering Artesanía and Mexican music. - In-depth on history and culture: explore the region's vibrant history and culture, and understand its modern-day life, people and politics - Excellent Editor's Choice: uncover the best of Mexico, which highlights the most special places to visit around the region - Invaluable and practical maps: get around with ease thanks to detailed maps that pinpoint the key attractions featured in every chapter - Informative tips: plan your travels easily with an A to Z of useful advice on everything from climate to tipping - Inspirational colour photography: discover the best destinations, sights, and excursions, and be inspired by stunning imagery - Inventive design makes for an engaging, easy-reading experience - Covers: Mexico City and its Surroundings;

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Baja California; Through the Sierras; El Bajío and the Colonial Heartland; Jalisco and Michoacán; Acapulco and the Pacific Beaches; The Gulf Coast; Oaxaca; Tabasco and Chiapas; The Yucatán About Insight Guides: Insight Guides is a pioneer of full-colour guide books, with almost 50 years' experience of publishing high-quality, visual travel guides with user-friendly, modern design. We produce around 400 full-colour print guide books and maps, as well as phrase books, picture-packed eBooks and apps to meet different travellers' needs. Insight Guides' unique combination of beautiful travel photography and focus on history and culture create a unique visual reference and planning tool to inspire your next adventure.

A step-by-step solution-based guide to preparing building, training, and deploying high-quality machine learning models with Amazon SageMaker Key Features Perform ML experiments with built-in and custom algorithms in SageMaker Explore proven solutions when working with TensorFlow, PyTorch, Hugging Face Transformers, and scikit-learn Use the different features and capabilities of SageMaker to automate relevant ML processes Book Description Amazon SageMaker is a fully managed machine learning (ML) service that helps data scientists and ML practitioners manage ML experiments. In this book, you'll use the different capabilities and features of Amazon SageMaker to solve relevant data science and ML problems. This step-by-step guide features 80 proven recipes designed to give you the hands-on machine learning experience needed to contribute to real-world experiments and projects.

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You'll cover the algorithms and techniques that are commonly used when training and deploying NLP, time series forecasting, and computer vision models to solve ML problems. You'll explore various solutions for working with deep learning libraries and frameworks such as TensorFlow, PyTorch, and Hugging Face Transformers in Amazon SageMaker. You'll also learn how to use SageMaker Clarify, SageMaker Model Monitor, SageMaker Debugger, and SageMaker Experiments to debug, manage, and monitor multiple ML experiments and deployments. Moreover, you'll have a better understanding of how SageMaker Feature Store, Autopilot, and Pipelines can meet the specific needs of data science teams. By the end of this book, you'll be able to combine the different solutions you've learned as building blocks to solve real-world ML problems. What you will learn Train and deploy NLP, time series forecasting, and computer vision models to solve different business problems Push the limits of customization in SageMaker using custom container images Use AutoML capabilities with SageMaker Autopilot to create high-quality models Work with effective data analysis and preparation techniques Explore solutions for debugging and managing ML experiments and deployments Deal with bias detection and ML explainability requirements using SageMaker Clarify Automate intermediate and complex deployments and workflows using a variety of solutions Who this book is for This book is for developers, data scientists, and machine learning practitioners interested in using Amazon SageMaker to build, analyze, and deploy

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machine learning models with 80 step-by-step recipes. All you need is an AWS account to get things running. Prior knowledge of AWS, machine learning, and the Python programming language will help you to grasp the concepts covered in this book more effectively.

A riveting and powerful story of an unforgiving time, an unlikely friendship and an indestructible love

Everything you need to know about eBooks is explained in this holistic guide to a new world of reading—from selection and curation of an eBook collection to training and support for staff and patrons.

- Provides an all-encompassing exploration of eBooks that covers everything from creation to consumption to choosing vendors
- Reviews various selection criteria for eBooks that can be customized to meet the needs of your library and community
- Explains how to let the public know eBooks are available in your collection
- Shares ideas and discusses issues surrounding circulation of eBooks
- Offers an in-depth review of the roles of all key stakeholders including creators, publishers, libraries, vendors, and customers

Build exciting robotics projects such as mobile manipulators, self-driving cars, and industrial robots powered by ROS, machine learning, and virtual reality

Key Features

Create and program cool robotic projects using powerful ROS libraries

Build industrial robots like mobile manipulators to handle complex tasks

Learn how reinforcement learning and deep learning are used with ROS

Book Description

Nowadays, heavy industrial robots placed in workcells are being replaced by new age robots called cobots, which don't need workcells.

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They are used in manufacturing, retail, banks, energy, and healthcare, among other domains. One of the major reasons for this rapid growth in the robotics market is the introduction of an open source robotics framework called the Robot Operating System (ROS). This book covers projects in the latest ROS distribution, ROS Melodic Morenia with Ubuntu Bionic (18.04). Starting with the fundamentals, this updated edition of ROS Robotics Projects introduces you to ROS-2 and helps you understand how it is different from ROS-1. You'll be able to model and build an industrial mobile manipulator in ROS and simulate it in Gazebo 9. You'll then gain insights into handling complex robot applications using state machines and working with multiple robots at a time. This ROS book also introduces you to new and popular hardware such as Nvidia's Jetson Nano, Asus Tinker Board, and Beaglebone Black, and allows you to explore interfacing with ROS. You'll learn as you build interesting ROS projects such as self-driving cars, making use of deep learning, reinforcement learning, and other key AI concepts. By the end of the book, you'll have gained the confidence to build interesting and intricate projects with ROS. What you will learn

- Grasp the basics of ROS and understand ROS applications
- Uncover how ROS-2 is different from ROS-1
- Handle complex robot tasks using state machines
- Communicate with multiple robots and collaborate to build apps with them
- Explore ROS capabilities with the latest embedded boards such as Tinker Board S and Jetson Nano
- Discover how machine learning and deep learning techniques are used with ROS
- Build a self-driving car

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powered by ROS Teleoperate your robot using Leap Motion and a VR headset Who this book is for If you're a student, hobbyist, professional, or anyone with a passion for learning robotics and interested in learning about algorithms, motion control, and perception capabilities from scratch, this book is for you. This book is also ideal for anyone who wants to build a new product and for researchers to make the most of what's already available to create something new and innovative in the field of robotics.

Ideal itineraries and top travel tips in a pocket-sized package. Now with free eBook, and a pull-out map. Plan your trip, plan perfect days and discover how to get around - this Insight Guides pocket-sized book is a convenient, quick-reference companion to discovering what to do and see in the French Riviera, from top attractions like Fondation Maeght, to hidden gems, including Domaine du Rosaire. Compact, concise, and packed with essential information about Where to Go and What Do, this is an ideal on-the-move companion when you're exploring the French Riviera Covers Top Ten Attractions, including Vieux Nice, Cannes and Monaco and Perfect Day itinerary suggestions Offers an insightful overview of landscape, history and culture Contains an invaluable pull-out map, and essential practical information on everything from Eating Out to Getting Around Includes an innovative extra that's unique in the market - all Pocket Guides come with a free eBook Inspirational colour photography throughout Sharp design and colour-coded sections make for an engaging reading experience About Insight Guides:

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Insight Guides is a pioneer of full-colour guide books, with almost 50 years' experience of publishing high-quality, visual travel guides with user-friendly, modern design. We produce around 400 full-colour print guide books and maps, as well as phrase books, picture-packed eBooks and apps to meet different travellers' needs. Insight Guides' unique combination of beautiful travel photography and focus on history and culture create a unique visual reference and planning tool to inspire your next adventure.

Use Vagrant to easily build complete development environments Key Features Implement DevOps with Vagrant effectively Integrate Vagrant with different tools such as Puppet, Chef, and Docker Manage infrastructure with a practical approach Book Description Hands-On DevOps with Vagrant teaches you how to use Vagrant as a powerful DevOps tool and gives an overview of how it fits into the DevOps landscape. You will learn how to install VirtualBox and Vagrant in Windows, macOS, and Linux. You will then move on to understanding Vagrant commands, discovering its boxes and Vagrant Cloud. After getting to grips with the basics, the next set of chapters helps you to understand how to configure Vagrant, along with networking. You will explore multimachine, followed by studying how to create multiple environments and the communication between them. In addition to this, you will cover concepts such as Vagrant plugins and file syncing. The last set of chapters provides insights into provisioning shell scripts, also guiding you in how to use Vagrant with configuration management tools such as Chef, Ansible, Docker,

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Puppet, and Salt. By the end of this book, you will have grasped Vagrant's features and how to use them for your benefit with the help of tips and tricks. What you will learn

- Explore what development features Vagrant offers
- Install Vagrant and VirtualBox on Windows, macOS and Linux
- Harness the power of Vagrant to create powerful development environments
- Utilize DevOps tools such as Docker, Chef, and Puppet
- Understand everything about Vagrant, including networking, plugins, and provisioning
- Use the Vagrant Cloud to install and manage Vagrant boxes

Who this book is for Hands-On DevOps with Vagrant is for you if you are a system administrator, DevOps engineer, DevOps architect, or any stakeholder working with DevOps and wanting to explore Vagrant. Experience in system administration is needed to enjoy this book.

Explore reinforcement learning (RL) techniques to build cutting-edge games using Python libraries such as PyTorch, OpenAI Gym, and TensorFlow

Key Features

- Get to grips with the different reinforcement and DRL algorithms for game development
- Learn how to implement components such as artificial agents, map and level generation, and audio generation
- Gain insights into cutting-edge RL research and understand how it is similar to artificial general research

Book Description

With the increased presence of AI in the gaming industry, developers are challenged to create highly responsive and adaptive games by integrating artificial intelligence into their projects. This book is your guide to learning how various reinforcement learning techniques and algorithms play an important role in game

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development with Python. Starting with the basics, this book will help you build a strong foundation in reinforcement learning for game development. Each chapter will assist you in implementing different reinforcement learning techniques, such as Markov decision processes (MDPs), Q-learning, actor-critic methods, SARSA, and deterministic policy gradient algorithms, to build logical self-learning agents. Learning these techniques will enhance your game development skills and add a variety of features to improve your game agent's productivity. As you advance, you'll understand how deep reinforcement learning (DRL) techniques can be used to devise strategies to help agents learn from their actions and build engaging games. By the end of this book, you'll be ready to apply reinforcement learning techniques to build a variety of projects and contribute to open source applications. What you will learn Understand how deep learning can be integrated into an RL agent Explore basic to advanced algorithms commonly used in game development Build agents that can learn and solve problems in all types of environments Train a Deep Q-Network (DQN) agent to solve the CartPole balancing problem Develop game AI agents by understanding the mechanism behind complex AI Integrate all the concepts learned into new projects or gaming agents Who this book is for If you're a game developer looking to implement AI techniques to build next-generation games from scratch, this book is for you. Machine learning and deep learning practitioners, and RL researchers who want to understand how to use self-learning agents in the game domain will also find this

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book useful. Knowledge of game development and Python programming experience are required.

Go beyond the basics and unleash the full power of QGIS 3.4 and 3.6 with practical, step-by-step examples

Key Features One-stop solution to all of your GIS needs

Master QGIS by learning about database integration, and geoprocessing tools

Learn about the new and updated Processing toolbox and perform spatial analysis

Book Description QGIS is an open source solution to GIS and widely used by GIS professionals all over the world. It is the leading alternative to proprietary GIS software. Although QGIS is described as intuitive, it is also, by default, complex. Knowing which tools to use and how to apply them is essential to producing valuable deliverables on time. Starting with a refresher on the QGIS basics and getting you acquainted with the latest QGIS 3.6 updates, this book will take you all the way through to teaching you how to create a spatial database and a GeoPackage. Next, you will learn how to style raster and vector data by choosing and managing different colors. The book will then focus on processing raster and vector data. You will be then taught advanced applications, such as creating and editing vector data. Along with that, you will also learn about the newly updated Processing Toolbox, which will help you develop the advanced data visualizations. The book will then explain to you the graphic modeler, how to create QGIS plugins with PyQGIS, and how to integrate Python analysis scripts with QGIS. By the end of the book, you will understand how to work with all aspects of QGIS and will be ready to use it for any type of GIS work. What you

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will learn Create and manage a spatial database Get to know advanced techniques to style GIS data Prepare both vector and raster data for processing Add heat maps, live layer effects, and labels to your maps Master LAStools and GRASS integration with the Processing Toolbox Edit and repair topological data errors Automate workflows with batch processing and the QGIS Graphical Modeler Integrate Python scripting into your data processing workflows Develop your own QGIS plugins Who this book is for If you are a GIS professional, a consultant, a student, or perhaps a fast learner who wants to go beyond the basics of QGIS, then this book is for you. It will prepare you to realize the full potential of QGIS.

Planning is not something that a majority of people get excited about. Despite great quotes like "Failing to Plan is Planning to Fail" and the like, I realize that people who like to plan are a minority in the population. I think part of the problem is that thinking years and decades ahead when it comes to financial planning is so far removed from the here and now it is hard for people to get excited about it. Through this book *Planning Not to Pay Taxes: Tax Free Investing Strategies*, I am hoping to get you excited - excited about planning to not pay taxes. The goal of this book is to get you to realize the immense opportunity you have to plan to live a tax free life. In this book, I will show you how to: Plan to Not Pay Taxes for up to Half of Your Life? Incorporate Active Investing Strategies Into Your Success Plan? Implement 6 Strategies for using the Last US Tax Haven? Execute 5 Business Models for your Tax Free Strategies? Build Up

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Sufficient Capital to Finance Several Tax Free Businesses? Leave a Tax Free Legacy for Future Generations This book is for those of you who hate paying taxes or just want to better understand the rules so you can benefit from the Best Business in the World: Tax Free Active Investing.

Learn how retirement really works before it's too late... "This book is the best I've seen on how to navigate the retirement savings question." (Forbes) Most so-called "experts" plug your numbers into a retirement formula to tell you how much money you need to retire. Unfortunately, the conventional approach is fundamentally flawed. If you fail to learn how retirement savings truly works, then you'll either underspend and be miserable or overspend and run out of money. How Much Money Do I Need to Retire takes you beyond the scientific facade of modern retirement planning. Author and former hedge fund manager Todd R. Tresidder has helped thousands of people find financial freedom through his website and podcast. Now you too can use his advice to take the guesswork out of your retirement planning. In this book, you'll learn: Why the best way to describe most retirement estimates is garbage-in/garbage-out The five critical assumptions that can destroy your financial security How to reduce the amount you need to retire by as much as \$600,000 Three strategies to maximize spending today while protecting for the future How to calculate the amount

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of money you really need to retire on the first try without software, online calculators, or being a math genius Read this book to know more about your retirement planning than your financial adviser.

Tresidder's book contains refreshingly straightforward, easy-to-understand, and concise advice on how to retire wealthy. This missing link of personal finance books will make you sleep easier. No retirement is secure without it. Buy the book today so you can retire with confidence!

Learn how to apply modern AI to create powerful cybersecurity solutions for malware, pentesting, social engineering, data privacy, and intrusion detection Key Features Manage data of varying complexity to protect your system using the Python ecosystem Apply ML to pentesting, malware, data privacy, intrusion detection system(IDS) and social engineering Automate your daily workflow by addressing various security challenges using the recipes covered in the book Book Description Organizations today face a major threat in terms of cybersecurity, from malicious URLs to credential reuse, and having robust security systems can make all the difference. With this book, you'll learn how to use Python libraries such as TensorFlow and scikit-learn to implement the latest artificial intelligence (AI) techniques and handle challenges faced by cybersecurity researchers. You'll begin by exploring various machine learning (ML) techniques and tips

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for setting up a secure lab environment. Next, you'll implement key ML algorithms such as clustering, gradient boosting, random forest, and XGBoost. The book will guide you through constructing classifiers and features for malware, which you'll train and test on real samples. As you progress, you'll build self-learning, reliant systems to handle cybersecurity tasks such as identifying malicious URLs, spam email detection, intrusion detection, network protection, and tracking user and process behavior. Later, you'll apply generative adversarial networks (GANs) and autoencoders to advanced security tasks. Finally, you'll delve into secure and private AI to protect the privacy rights of consumers using your ML models. By the end of this book, you'll have the skills you need to tackle real-world problems faced in the cybersecurity domain using a recipe-based approach.

What you will learn

- Learn how to build malware classifiers to detect suspicious activities
- Apply ML to generate custom malware to pentest your security
- Use ML algorithms with complex datasets to implement cybersecurity concepts
- Create neural networks to identify fake videos and images
- Secure your organization from one of the most popular threats – insider threats
- Defend against zero-day threats by constructing an anomaly detection system
- Detect web vulnerabilities effectively by combining Metasploit and ML
- Understand how to train a model without exposing

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the training data Who this book is for This book is for cybersecurity professionals and security researchers who are looking to implement the latest machine learning techniques to boost computer security, and gain insights into securing an organization using red and blue team ML. This recipe-based book will also be useful for data scientists and machine learning developers who want to experiment with smart techniques in the cybersecurity domain. Working knowledge of Python programming and familiarity with cybersecurity fundamentals will help you get the most out of this book.

Keras Reinforcement Learning Projects book teaches you essential concept, techniques and, models of reinforcement learning using best real-world demonstrations. You will explore popular algorithms such as Markov decision process, Monte Carlo, Q-learning making you equipped with complex statistics in various projects with the help of Keras Each of us has but one life to live on this earth. What we do with it is our choice. Are we drifting through it as spectators, reacting to our circumstances when necessary and wondering just how we got to this point anyway? Or are we directing it, maximizing the joy and potential of every day, living with a purpose or mission in mind? Too many of us are doing the former--and our lives are slipping away one day at a time. But what if we treated life like the gift that it is? What if we lived each day as though it were part of a

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bigger picture, a plan? That's what New York Times bestselling author Michael Hyatt and executive coach Daniel Harkavy show us how to do: to design a life with the end in mind, determining in advance the outcomes we desire and path to get there. In this step-by-step guide, they share proven principles that help readers create a simple but effective life plan so that they can get from where they are now to where they really want to be--in every area of life.

The follow-up to the bestselling *The Power of Zero*, providing a blueprint to build a guaranteed, tax-free income stream that lasts for the long run. American retirees face a looming crisis. We are living longer than ever before, and most experts predict a dramatic rise in tax rates within the next ten years. The hard truth is that no matter how much you save, you are likely to outlive your money or watch it be taxed into oblivion. But when traditional retirement distribution strategies won't provide sufficient income in the face of higher taxes, what can you do? *Tax-Free Income for Life* lays out a comprehensive, step-by-step roadmap for a secure retirement. McKnight shows how the combination of guaranteed, inflation-adjusted lifetime income and a proactive asset-shifting strategy can shield you from longevity risk and the cascade of unintended consequences that result from higher taxes. It's an innovative and proven strategy that maximizes return while effectively neutralizing the two biggest risks to

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retirement savings. If ever there were a solution for the American retiree, it's guaranteed tax-free income for life.

Want to get your music heard by millions of people world-wide, and make a great living in the process? The traditional music industry has been in a rapid decline since the early 2000's, and these days, listeners expect your music to be free. So, as creative individuals, how can we share our gifts with the world, without struggling to pay the rent. The answer is through Sync Licensing. Successfully licensing your songs to TV Shows, Films and Commercials is a MUST if you want to survive in the Modern Music Industry. But there's a process that must be followed to not only get your songs placed. This book details the 4 Steps that will allow you to generate consistent placements of your music. It's not about 1 or 2 random placements here and there... it's about strategically getting 10, then 100, then 1000.

This comprehensive book will ensure your business plan is robust enough to start, run or revitalise any business enterprise. Whether your goal is raising start-up finance for a new business, requesting venture funding from a corporate parent or directing operational management, The Definitive Business Plan will help you deliver the information the decision-makers are really looking for. Accessible to the newcomer and detailed enough for the experienced

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planner, the third edition of this international bestseller explains how to tailor a plan for specific readerships and meet specific objectives, helping you to focus your attention on strategic planning as well as on operational controls. This new edition has been completely updated throughout.

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