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3Q0BLJ - NATHANAEL ALENA

Get your code under control in a series of small, specific steps About This Book Learn to extract and replace legacy artifacts, Improve your application from the ground up while keeping your codebase fully operational, Improve the quality of your legacy applications. Who This Book Is For PHP developers from all skill levels will be able to get value from this book and will be able to transform their spaghetti code applications to clean, modular applications. If you are in the midst of a legacy refactor or you find yourself in a state of despair caused by the code you have inherited, this is the book for you. All you need is to have PHP 5.0 installed, and you're all set to change the way you maintain and deploy your code! What You Will Learn Replace global and new with dependency injection Extract SQL statements to gateways Convert action logic to controllers Remove repeated logic in page scripts Create maintainable PHP code from crufty legacy PHP In Detail Have you noticed that your legacy PHP application is composed of page scripts placed directly in the document root of the web server? Or, do your page scripts, along with any other classes and functions, combine the concerns of model, view, and controller into the same scope? Is the majority of the logical flow incorporated as include files and global functions rather than class methods? Working with such a legacy application feels like dragging your feet through mud, doesn't it?This book will show you how to modernize your application in terms of practice and technique, rather than in terms of using tools like frameworks and libraries, by extracting and replacing its legacy artifacts. We will use a step-by-step approach, moving slowly and methodically, to improve your application from the ground up. We'll show you how dependency injection can replace both the new and global dependencies. We'll also show you how to change the presentation logic to view files and the action logic to a controller. Moreover, we'll keep your application running the whole time. Each completed step in the process will keep your codebase fully operational with higher quality. When we are done, you will be able to breeze through your code like the wind. Your code will be autoloaded, dependency-injected, unit-tested, layer-separated, and front-controlled. Most of the very limited code we will add to your application is specific to this book. We will be improving ourselves as programmers, as well as improving the quality of our legacy application. Style and approach This book gives developers an easy-to-follow, practical and powerful process to bring their applications up to a modern baseline. Each step in the process is practical, self-contained and moves you closer to the end goal you seek: maintainable code. As you follow the exercises in the book, the author almost anticipates your questions and you will have the answers, ready to be implemented on your project.

Get to know Arch Linux! Volume 2 of Linux for Beginners should give you a fast and uncomplicated way to use Arch Linux. You will learn, how to get Arch Linux. how to install Arch Linux on your computer. how to manage the basic settings in Arch Linux The perfect companion for your first steps with Arch Linux

Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Real examples written in PHP showcasing DDD Architectural Styles, Tactical Design, and Bounded Context Integration About This Book Focuses on practical code rather than theory Full of real-world examples that you can apply to your own projects Shows how to build PHP apps using DDD principles Who This Book Is For This book is for PHP developers who want to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book doesn't dwell on the theory, but instead gives you the code that you need. What You Will Learn Correctly design all design elements of Domain-Driven Design with PHP Learn all tactical patterns to achieve a fully worked-out Domain-Driven Design Apply hexagonal architecture within your application Integrate bounded contexts in your applications Use REST and Messaging approaches In Detail Domain-Driven Design (DDD) has arrived in the PHP community, but for all the talk, there is very little real code. Without being in a training session and with no PHP real examples, learning DDD can be challenging. This book changes all that. It details how to implement tactical DDD patterns and gives full examples of topics such as integrating Bounded Contexts with REST, and DDD messaging strategies. In this book, the authors show you, with tons of details and examples, how to properly design Entities, Value Objects, Services, Domain Events, Aggregates, Factories, Repositories, Services, and

Application Services with PHP. They show how to apply Hexagonal Architecture within your application whether you use an open source framework or your own. Style and approach This highly practical book shows developers how to apply domain-driven design principles to PHP. It is full of solid code examples to work through.

Summary Go Web Programming teaches you how to build scalable, high-performance web applications in Go using modern design principles. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The Go language handles the demands of scalable, high-performance web applications by providing clean and fast compiled code, garbage collection, a simple concurrency model, and a fantastic standard library. It's perfect for writing microservices or building scalable, maintainable systems. About the Book Go Web Programming teaches you how to build web applications in Go using modern design principles. You'll learn how to implement the dependency injection design pattern for writing test doubles, use concurrency in web applications, and create and consume JSON and XML in web services. Along the way, you'll discover how to minimize your dependence on external frameworks, and you'll pick up valuable productivity techniques for testing and deploying your applications. What's Inside Basics Testing and benchmarking Using concurrency Deploying to standalone servers, PaaS, and Docker Dozens of tips, tricks, and techniques About the Reader This book assumes you're familiar with Go language basics and the general concepts of web development. About the Author Sau Sheong Chang is Managing Director of Digital Technology at Singapore Power and an active contributor to the Ruby and Go communities. Table of Contents PART 1 GO AND WEB APPLICATIONS Go and web applications Go ChitChat PART 2 BASIC WEB APPLICATIONS Handling requests Processing requests Displaying content Storing data PART 3 BEING REAL Go web services Testing your application Leveraging Go concurrency Deploying Go

Accelerate your development of PHP applications using the popular CakePHP web application development framework and unit testing. This short book shows you how to carry out test-driven development with fixtures, model tests, controller tests, mocks, and test suites. Learn CakePHP contains all you need to get started with the CakePHP framework to build faster, better PHP-based web applications. You'll learn about unit testing and how to implement it in CakePHP. This approach to coding leads to better code, better applications, and better programming habits. With this knowledge your PHP skills will go from strength to strength allowing you to write more and improved code. What you'll learn What is unit testing and CakePHP and how to put the two together What is clean coding What is TDD and the development cycle using this approach How to work with fixtures, model tests, text callbacks, controller tests, and more How to do mocks, test suites, testing from the command line and more How to work with code coverage, fixtures data, and private methods Who this book is for This book is for experienced PHP programmers and web developers who have little or no experience using CakePHP and/or unit testing.

This new book written by the developers of R Markdown is an essential reference that will help users learn and make full use of the software. Those new to R Markdown will appreciate the short, practical examples that address the most common issues users encounter. Frequent users will also benefit from the wide ranging tips and tricks that expose 'hidden' features, support customization and demonstrate the many new and varied applications of the software. After reading this book users will learn how to: Enhance your R Markdown content with diagrams, citations, and dynamically generated text Streamline your workflow with child documents, code chunk references, and caching Control the formatting and layout with Pandoc markdown syntax or by writing custom HTML and LaTeX templates Utilize chunk options and hooks to fine-tune how your code is processed Switch between different language engines to seamlessly incorporate python, D3, and more into your analysis

In The Developer's Guide to Social Programming, Mark Hawker shows developers how to build applications that integrate with the major social networking sites. Unlike competitive books that focus on a single social media platform, this book covers all three leading platforms: Facebook, OpenSocial, and Twitter. Hawker identifies the characteristics of superior, highly engaging social media applications, and shows how to use the Facebook platform, Google Friend Connect, and the Twitter API to create them. You'll find practical solutions and code for addressing many common social programming challenges, from site registration to search, blog commenting to creating location-based applications. Hawker

concludes by walking you through building a complete, integrated social application: one that works seamlessly across all leading platforms, and draws on powerful features from each. Coverage includes Working with the Twitter API, including the Search API, Lists API, and Retweets API Authenticating users with Twitter OAuth Mastering the Facebook API, FQL, and XFBML Utilizing the Facebook JavaScript Library for creating dynamic content, and animation Exploring the Google Friend Connect JavaScript API, and integrating with the OpenSocial API Using Facebook's tools for sharing, social commenting, stream publishing, and live conversation Using the PHP OpenSocial Client Library with Google Friend Connect Creating, testing, and submitting Google Friend Connect gadgets

This book gathers together a critical body of knowledge on what enterprise architecture (EA) is and how it can be used to better organize the functions of systems across an enterprise for an effective business-IT alignment. The chapters provide a solid foundation for a cross-disciplinary professional practice.

One-stop reference helps you get the most out of AppleScript and Automator One of the handiest ways to streamline your workload is to automate some of your most routine computer tasks. Mac users are lucky in that they have AppleScript and Automator automation tools built right in. This comprehensive guide shows you how to tap both these useful Mac features for Mac OS X and regularly perform such tasks as extracting unread e-mails from your Mail, scheduling workflows, and manually recording actions to create new automated routines. Brings you up to speed on Apple's built-in automation tools for Mac OS X, including a more thorough look at Automator than in many books, and shows you how you can automate many of your most repetitive or error-prone tasks Explains how to automate aspects of some of your favorite Mac features, such as iCal, Mail, iPhoto, iTunes, and iDVD Covers how to manipulate files and folders; work with PDFs, emails, and Web pages; schedule workflows; set up watch folders; create and use variables; manually record actions; and create AppleScripts that further automate functions The instruction in this detailed guide will help you increase your productivity using Automator and AppleScript. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Gain hands-on experience with the amazing PhoneGap library, using the practical recipes in this handy guide. With these solutions, you can enable your mobile web apps to interact with device-specific features such as the accelerometer, GPS, camera, and address book. Learn how to use your knowledge of HTML, CSS, and JavaScript to build full mobile apps for iOS, Android, and several other platforms without rewriting apps in the native platform language. Each recipe includes sample code you can use in your project right away, as well as a discussion of why the solution works. Add functionality that's available only on a certain device or platform Retrieve the device's current GPS location and place a marker on a map Create and save a new contact or edit an existing contact in the address book Take pictures with the camera or select one of the user's existing photos Upload a file from the local device to an external server Allow the device to record audio or video through your app Enable your application to save files locally

A unique resource that combines all aspects of Web testing and makes it completely specific to ASP.NET As Microsoft's key Web technology for creating dynamic, data-driven Web sites and Web applications, ASP.NET is incredibly popular. This is the first book to combine several testing topics and make them specific to ASP.NET. The author duo of Microsoft MVPs covers both the test-driven development approach and the specifics of automated user interface testing; performance, load, and stress testing; accessibility testing; and security testing. This definitive guide walks you through the many testing pitfalls you might experience when developing ASP.NET applications. The authors explain the fundamental concepts of testing and demystify all the correct actions you need to consider and the tools that are available so that you may successfully text your application. Author duo of Microsoft MVPs offer a unique resource: a combination of several testing topics and making them specific to ASP.NET, Microsoft's key Web technology for creating dynamic, data-driven Web sites and applications Guides you through the many testing pitfalls you may experience when developing ASP.NET applications Reviews the fundamental concepts of testing and walks you through the various tools and techniques available and for successfully testing an application Discusses several different types of testing: acceptance, stress, accessibility, and security Examines various testing tools, such as nUnit, VS test suite, WCAT, Selenium, Fiddler, Firebug, and more This one-of-a-kind resource will help you become proficient in successfull application testing.

As the global leader in information security education and certification, (ISC)2 has a proven track record of educating and certifying information security professionals. Its newest certification, the Certified Secure Software Lifecycle Professional (CSSLP) is a testament to the organization's ongoing commitment to information and software security

This book is full of step-by-step example-oriented tutorials which will show readers how to integrate Solr in PHP applications using the available libraries, and boost the inherent search facilities that Solr offers.If you are a developer who knows PHP and is interested in integrating search into your applications, this is the book for you. No advanced knowledge of Solr is required. Very basic knowledge of system commands and the command-line interface on both Linux and Windows is required. You should also be familiar with the concept of Web servers.

What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its ecosystem of tools let you quickly build new sites and applications with clean, readable code. Fully updated to cover Laravel 5.8, the second edition of this practical guide provides the definitive introduction to one of today's mostpopular web frameworks. Matt Stauffer, a leading teacher and developer in the Laravel community, delivers a high-level overview and concrete examples to help experienced PHP web developers get started with this framework right away. This updated edition also covers Laravel Dusk and Horizon and provides information about community resources and other noncore Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and filtering user-provideddata The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPUnit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs Interfaces for filesystem access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing

This book constitutes the refereed proceedings of the 18th Nordic Conference on Secure IT Systems, NordSec 2013, held in Ilulissat, Greenland, in October 2013. The 18 revised regular papers together with 3 short papers and one invited talk were carefully reviewed and selected from 35 submissions. The papers are organized in topical sections on formal analysis of security protocols, cyber-physical systems, security policies, information flow, security experiences, Web security, and network security.

"This is the conference proceedings for the 2015 Global Conference on Teaching and Learning with Technology (CTLT 2015), hosted by Aventis School of Management, Singapore. It includes papers by a group of international academics and researchers. It covers the most interesting ideas and applications related to the innovative use of technology within different learning environments."--

This book steps you through the main features of CodeIgniter in a systematic way, explaining them clearly with illustrative code examples. This book is for developers who are new to CodeIgniter. Basic skills in PHP and MySQL are required, but only rudimentary object-oriented knowledge is required. If you're looking for a better way to develop PHP applications, or want to find out more about the CodeIgniter framework as a viable option for one of your own projects, this book will help you.

Model View Controller (MVC) is becoming the definitive architecture of website development frameworks due to the stability, extensibility and predictability it lends to development. It is not just the primary separation of database, business logic and interface components, but includes a wide range of considerations for building high-performing, scalable and secure applications. Deciding which MVC framework best suits the project you are about to begin is one of the biggest challenges you'll face as a developer. If you are part of a team, this decision has probably already been made for you; but in any event, you'll need to know how (and why) the framework authors made it work the way it does. Pro PHP MVC looks at the building blocks that make any good MVC framework, and how they apply to PHP. It exposes all considerations that many developers take for granted when using a popular framework, and teaches you how to make the framework your own. Over the course of reading this book, you will learn the theoretical implications of the choices you would make when writing your own MVC framework, and how to put the pieces together in a cohesive package. We take a look at the highly modular Zend Framework—how to use its collection of loosely coupled classes to build a unified system. We also look at CakePHP, learning from its automated build system (Bakery) and highly intuitive approach to rapid development. This book will lay bare all the secret parts of MVC for you.

If you're a PHP developer, you can build Rails-like applications without learning a new language by following the hands-on tutorials in Professional CodeIgniter. In this book, find an overview of MVC and agile technologies, model and schema for products, helpers and libraries, Ajax and Scriptaculous, and explanations of the creation of applications like content management, blogs, and forums. Follow the step-by-step instructions for building and perfecting each application with CodeIgniter, and you will learn how to avoid everyday problems that other reference manuals don't address.

Easy and effective team work using MVC, agile development, source control, testing, bug tracking, and more.

In Detail This book covers how to develop different applications and solve recurring problems using Laravel 4 design patterns. It will walk you through the widely used design patterns--the Builder (Manager) pattern, Factory pattern, Repository pattern, and Strategy pattern--and will empower you to use these patterns while developing various applications with Laravel. This book will help you find stable and acceptable solutions, thereby improving the quality of your applications. Throughout the course of the book, you will be introduced to a number of clear, practical examples about PHP design patterns and their usage in various projects. You will also get acquainted with the best practices for Laravel that will greatly reduce the probability of introducing errors into your web applications. By the end of the book, you will be accustomed to the best practices and the important design patterns used in Laravel to make a great website. Approach This book is a practical guide packed with clear examples that will help you get to grips with the best practices in Laravel design patterns to create advanced web applications. Who this book is for This book is intended for web application developers working with Laravel who want to increase the efficiency of their web applications. It assumes that you have some experience with the Laravel PHP framework and are familiar with coding OOP methods.

With this book, Web designers who usually turn out static Websites with HTML and CSS can make the leap to the next level of Web development--full-fledged, dynamic, database-driven Websites using PHP and SQL.

Designed as a companion volume to the INFORMIX Guide to SQL: Tutorial, this comprehensive reference covers the Structured Query Language (SQL) as it is implemented in Informix products. KEY TOPICS: Outlines the structure and contents of the demonstration database (stores5) and explains the 21 Informix system catalog tables that describe that structure; defines the column data types supported by Informix products and explains data type conversion techniques; describes the various environment variables that can or should be set to properly use Informix products; explains error handling, the system descriptor area and the SQL Descriptor Area (sqlda); details the workings of all the SQL statements supported by Informix products with step-by-step diagrams explaining every clause of each SQL statement; and shows how to create and use stored procedures. MARKET: A reference to SQL for those who already know how to use computers and who rely on them in their daily work.

This book constitutes the refereed proceedings of the 16th European Symposium on Computer Security, ESORICS 2011, held in Leuven, Belgium, in September 2011. The 36 papers included in the book were carefully reviewed and selected from 155 papers. The articles are organized in topical sections on wireless security; Web security; forensics, biometrics and software protection; access control; cryptography and protocol analysis; information flow, side channels, and vulnerability analysis; usability, trust, and economics of security and privacy; and privacy.

Increase your productivity by implementing data structures About This Book Gain a complete understanding of data structures using a simple approach Analyze algorithms and learn when you should apply each solution Explore the true potential of functional data structures Who This Book Is For This book is for those who want to learn data structures and algorithms with PHP for better control over application-solution, efficiency, and optimization. A basic understanding of PHP data types, control structures, and other basic features is required What You Will Learn Gain a better understanding of PHP arrays as a basic data structure and their hidden power Grasp how to analyze algorithms and the Big O Notation Implement linked lists, double linked lists, stack, queues, and priority queues using PHP Work with sorting, searching, and recursive algorithms Make use of greedy, dynamic, and pattern matching algorithms Implement tree, heaps, and graph algorithms Apply PHP functional data structures and built-in data structures and algorithms In Detail PHP has always been the the go-to language for web based application development, but there are materials and resources you can refer to to see how it works. Data structures and algorithms help you to code and execute them effectively, cutting down on processing time significantly. If you want to explore data structures and algorithms in a practical way with real-life projects, then this book is for you. The book begins by introducing you to data structures and algorithms and how to solve a problem from beginning to end using them. Once you are well aware of the basics, it covers the core aspects like arrays, listed lists, stacks and queues. It will take you through several methods of finding efficient algorithms and show you which ones you should implement in each scenario. In addition to this, you will explore the possibilities of functional data structures using PHP and go through advanced algorithms and graphs as well as dynamic programming. By the end, you will be confident enough to tackle both basic and advanced data structures, understand how they work, and know when to use them in your day-to-day work Style and approach An easy-to-follow guide full of examples of implementation of data structures and real world examples to solve the problems faced. Each topic is first explained in general terms and then implemented using step by step explanation so that developers can understand each part of the discussion without any

problem.

High Performance MySQL is the definitive guide to building fast, reliable systems with MySQL. Written by noted experts with years of real-world experience building very large systems, this book covers every aspect of MySQL performance in detail, and focuses on robustness, security, and data integrity. High Performance MySQL teaches you advanced techniques in depth so you can bring out MySQL's full power. Learn how to design schemas, indexes, queries and advanced MySQL features for maximum performance, and get detailed guidance for tuning your MySQL server, operating system, and hardware to their fullest potential. You'll also learn practical, safe, high-performance ways to scale your applications with replication, load balancing, high availability, and failover. This second edition is completely revised and greatly expanded, with deeper coverage in all areas. Major additions include: Emphasis throughout on both performance and reliability Thorough coverage of storage engines, including in-depth tuning and optimizations for the InnoDB storage engine Effects of new features in MySQL 5.0 and 5.1, including stored procedures, partitioned databases, triggers, and views A detailed discussion on how to build very large, highly scalable systems with MySQL New options for backups and replication Optimization of advanced querying features, such as full-text searches Four new appendices The book also includes chapters on benchmarking, profiling, backups, security, and tools and techniques to help you measure, monitor, and manage your MySQL installations.

This comprehensive reference guide offers useful pointers for advanced use of SQL and describes the bugs and workarounds involved in compiling MySQL for every system.

Learn the art of PHP programming through this example-rich book filled to the brim with tutorials every PHP developer needs to know About This Book Set up the PHP environment and get started with web programming Leverage the potential of PHP for server-side programming, memory management, and object-oriented programming (OOP) This book is packed with real-life examples to help you implement the concepts as you learn Who This Book Is For If you are a web developer or programmer who wants to create real-life web applications using PHP 7, or a beginner who wants to get started with PHP 7 programming, this book is for you. Prior knowledge of PHP, PHP 7, or programming is not mandatory. What You Will Learn Set up a server on your machine with PHP Use PHP syntax with the built-in server to create apps Apply the OOP paradigm to PHP to write richer code Use MySQL to manage data in your web applications Create a web application from scratch using MVC Add tests to your web application and write testable code Use an existing PHP framework to build and manage your applications Build REST APIs for your PHP applications Test the behavior of web applications with Behat In Detail PHP is a great language for building web applications. It is essentially a server-side scripting language that is also used for general purpose programming. PHP 7 is the latest version with a host of new features, and it provides major backwards-compatibility breaks. This book begins with the fundamentals of PHP programming by covering the basic concepts such as variables, functions, class, and objects. You will set up PHP server on your machine and learn to read and write procedural PHP code. After getting an understanding of OOP as a paradigm, you will execute MySQL queries on your database. Moving on, you will find out how to use MVC to create applications from scratch and add tests. Then, you will build REST APIs and perform behavioral tests on your applications. By the end of the book, you will have the skills required to read and write files, debug, test, and work with MySQL. Style and approach This book begins with the basics that all PHP developers use every day and then dives deep into detailed concepts and tricks to help you speed through development. You will be able to learn the concepts by performing practical tasks and implementing them in your daily activities, all at your own pace.

Examine the building blocks that make any good MVC framework using PHP 8. This book exposes all the considerations that many developers take for granted when using a popular framework, and teaches you how to make this MVC framework your own. You'll quickly get started writing your first bit of framework code, then, you build a variety of examples using aspects of an MVC framework, including a router, a template engine, a database library, a persistence engine (ORM), and a testing framework. In the next section, you'll implement sessions, caches, file systems, queues, logging, and mail. You'll wrap up by building a larger scale sample web application: a sales website for a company that sells rockets. Along the way, this book lays bare all the secret parts of MVC to take with you to apply to your own PHP-based MVC projects. What You Will Learn Build PHP-based web applications using the model view controller (MVC) architecture Write your first bit of framework code Create various aspects of applications, engines, and other frameworks Wrap up with a sample case study application Who This Book Is For Experienced PHP and web developers. Some prior experience with PHP and web development at least recommended.

Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery.

PHP is experiencing a renaissance, though it may be difficult to tell with all of the outdated PHP tutorials online. With this practical

guide, you'll learn how PHP has become a full-featured, mature language with object-orientation, namespaces, and a growing collection of reusable component libraries. Author Josh Lockhart—creator of PHP The Right Way, a popular initiative to encourage PHP best practices—reveals these new language features in action. You'll learn best practices for application architecture and planning, databases, security, testing, debugging, and deployment. If you have a basic understanding of PHP and want to bolster your skills, this is your book. Learn modern PHP features, such as namespaces, traits, generators, and closures Discover how to find, use, and create PHP components Follow best practices for application security, working with databases, errors and exceptions, and more Learn tools and techniques for deploying, tuning, testing, and profiling your PHP applications Explore Facebook's HVVM and Hack language implementations—and how they affect modern PHP Build a local development environment that closely matches your production server

This is the conference proceedings for the 2015 Global Conference on Teaching and Learning with Technology (CTLT 2015), hosted by Aventis School of Management, Singapore. It includes papers by a group of international academics and researchers. It covers the most interesting ideas and applications related to the innovative use of technology within different learning environments. Contents:Blended Learning Unit: A Case of Using Facebook as a Learning Tool to Teach Gene Expression in Higher Education (T Pimoubol and N Sriwattanarothai)Transnational Education Policy and Trends in the Globalized Age: Thailand as a Case Study (C Rukspollmuang, F Preededilok, S Charungkaittikul, and S Areesophonpichet)Sense-Making, Mathematics, and Digital Technology (K Khan and J Mason)A Mobile Personal Response for Assessment and Feedback in Computing and Engineering Education (Y Z Teo and E Chew)Developing Suitable Pedagogical Methods for Outcome-Based E-Learning (H R Wason, A Sinvhal, and B Bhattacharya)Challenges and Opportunities in Creating a Modern Language Learning Environment (C Hennigfeld)Enhancing English Learning through Social Media (I Pradita)Reading Material Personalization Searching in E-Learning (L Shuib, N B A Normadhi, and N A M Shuib) Readership: Readers who are interested in the latest research in education, learning, and teaching technologies. Keywords:Education;Teaching Technology;Learning Technology;Education Technology;E-learning;Modes of Education;Modes of Learning;Modes of Teaching

Buku ini diciptakan bagi para pembaca yang ingin mengetahui langkah-langkah dalam membangun aplikasi clustering. Buku panduan ini menggunakan metode Kmeans Clustering untuk proses pengelompokannya.

The first detailed, unbiased comparison of the three leading PHP frameworks Web developers have been eager for an impartial comparison of leading PHP frameworks so they can make educated decisions about the most effective tool for their needs. This guide uses Symfony, CakePHP, and Zend Framework to solve key problems, providing source code examples and comparisons for each. It explains the approach and reviews the similarities and differences in the three frameworks, providing reliable information on which to base your decisions. Symfony, CakePHP, and Zend Framework are considered the leading PHP frameworks; developers need an unbiased comparison to choose which one works best for their individual situations This guide uses each framework to solve the same problems, illustrating the solutions with source code examples and working applications Covers wide range of topics, from installation and configuration to most advanced features like AJAX, web services and automated testing. Includes an appendix of new PHP frameworks, including CodeIgniter, Lithium, and Agavi Bestselling PHP author Elizabeth Naramore serves as technical editor Comparison of PHP Web Frameworks provides the impartial, side-by-side comparison that developers have been looking for.

Over 80 recipes to help you master using the Yii PHP framework.

Resumé: revamped for the times, technology, and the recession . . . The recession has made finding a job harder than ever. Everything now takes place online, and a resumé's preparation is different than even a few years ago. This new edition has changed with the times, focusing on what's most important in an electronic resumé. Full of successful resumé samples and cover letters, the book also focuses on the key words and phrases that will bring readers' resumés to the top of the HR pile. • More than 100 samples of real-life resumés and cover letters, many of them new • Founded in real-life experience without the rigid resume-writing rules of other guides • Ideal for all job seekers, from new grads to the laid off worker, new mothers to senior citizens

Leverage the power of the Python data science libraries and advanced machine learning techniques to analyse large unstructured datasets and predict the occurrence of a particular future event. Key FeaturesExplore the depths of data science, from data collection through to visualizationLearn pandas, scikit-learn, and Matplotlib in detailStudy various data science algorithms using real-world datasetsBook Description Data Science with Python begins by introducing you to data science and teaches you to install the packages you need to create a data science coding environment. You will learn three major techniques in machine learning: unsupervised learning, supervised learning, and reinforcement learning. You will also explore basic classification and regression techniques, such as support vector machines, decision trees, and logistic regression. As you make your way through chapters, you will study the basic functions, data structures, and syntax of the Python language that are used to handle large datasets with ease. You will learn about NumPy and pandas libraries for matrix calculations and data manipulation, study how to use Matplotlib to create highly customizable visualizations, and apply the boosting algorithm XGBoost to make predictions. In the concluding chapters, you will explore convolutional neural networks (CNNs), deep learning algorithms used to predict what is in an image. You will also understand how to feed human sentences to a neural network, make the model process contextual information, and create human language processing systems to predict the outcome. By the end of this book, you will be able to understand and implement any new data science algorithm and have the confidence to experiment with tools or libraries other than those covered in the book. What you will learnPre-process data to make it ready to use for machine learningCreate data visualizations with MatplotlibUse scikit-learn to perform dimension reduction using principal component analysis (PCA)Solve classification and regression problemsGet predictions using the XGBoost libraryProcess images and create machine learning models to decode them Process human language for prediction and classificationUse TensorBoard to monitor training metrics in real timeFind the best hyperparameters for your model with AutoMLWho this book is for Data Science with Python is designed for data analysts, data scientists, database engineers, and business analysts who want to move towards using Python and machine learning techniques to analyze data and predict outcomes. Basic knowledge of Python and data analytics will prove beneficial to understand the various concepts explained through this book.