

Access Free Build Your Own
Database Driven Website Using

PHP MySQL

Build Your Own Database Driven Website Using PHP MySQL

This book explores the
interdisciplinary and

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transdisciplinary fields of energy systems, occupant behavior, thermal comfort, air quality and economic modelling across levels of building, communities and cities, through various data analytical approaches. It highlights the complex interplay of heating/cooling, ventilation and

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power systems in different processes, such as design, renovation and operation, for buildings, communities and cities. Methods from classical statistics, machine learning and artificial intelligence are applied into analyses for different building/urban

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components and systems. Knowledge from this book assists to accelerate sustainability of the society, which would contribute to a prospective improvement through data analysis in the liveability of both built and urban environment. This book targets a broad readership with

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specific experience and knowledge in data analysis, energy system, built environment and urban planning. As such, it appeals to researchers, graduate students, data scientists, engineers, consultants, urban scientists, investors and policymakers, with interests in

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energy flexibility, building/city resilience and climate neutrality.

Organizations today often struggle to balance business requirements with ever-increasing volumes of data.

Additionally, the demand for leveraging large-scale, real-time data is growing rapidly among the most

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competitive digital industries.

Conventional system architectures may not be up to the task. With this practical guide, you'll learn how to leverage large-scale data usage across the business units in your organization using the principles of event-driven microservices. Author

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Adam Bellemare takes you through the process of building an event-driven microservice-powered organization. You'll reconsider how data is produced, accessed, and propagated across your organization. Learn powerful yet simple patterns for unlocking the value of this data.

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Incorporate event-driven design and architectural principles into your own systems. And completely rethink how your organization delivers value by unlocking near-real-time access to data at scale. You'll learn: How to leverage event-driven architectures to deliver exceptional business value

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The role of microservices in
supporting event-driven designs
Architectural patterns to ensure
success both within and between
teams in your organization
Application patterns for developing
powerful event-driven microservices
Components and tooling required to

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get your microservice ecosystem off
the ground

PHP & MySQL: Novice to Ninja, 6th
Edition is a hands-on guide to
learning all the tools, principles, and
techniques needed to build a fully
functional application using PHP &
MySQL. Comprehensively updated to

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cover PHP 7 and modern best practice, this practical and fun book covers everything from installing PHP and MySQL through to creating a complete online content management system. You'll learn how to: Install PHP & MySQL on Windows, Mac OS X, or Linux Gain a

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thorough understanding of PHP
syntax Use object oriented
programming techniques Master
database design principles and SQL
Develop robust websites that can
handle high levels of traffic Build a
working content management system
(CMS) And much more!

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One of the "six best books for data geeks" - Financial Times With over 200 images and extensive how-to and how-not-to examples, this new edition has everything students and scholars need to understand and create effective data visualisations. Combining 'how to think' instruction

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with a 'how to produce' mentality, this book takes readers step-by-step through analysing, designing, and curating information into useful, impactful tools of communication. With this book and its extensive collection of online support, readers can: - Decide what visualisations

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work best for their data and their audience using the chart gallery - See data visualisation in action and learn the tools to try it themselves - Follow online checklists, tutorials, and exercises to build skills and confidence - Get advice from the UK's leading data visualisation

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trainer on everything from getting started to honing the craft. Explore more resources about data visualisation and Andy Kirk.

This book presents an accessible introduction to data-driven storytelling. Resulting from unique discussions between data

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visualization researchers and data journalists, it offers an integrated definition of the topic, presents vivid examples and patterns for data storytelling, and calls out key challenges and new opportunities for researchers and practitioners. The Big Ideas Behind Reliable,

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RHP MySQL

Scalable, and Maintainable Systems
Building Event-Driven Microservices
Software Engineering for Limited
Resources and Short Schedules
Learn SQLite with Python
Data-driven Organization Design
Building a Platform for Data-Driven
Pandemic Prediction

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From Logical Data Modeling through
Physical Schema Definition

***Offers a practical guide for
improving schools dramatically that
will enable all students from all
backgrounds to achieve at high
levels. Includes assessment forms,
an index, and a DVD.***

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The purpose of this book is to provide an introduction to this set of technologies to teach a new programmer how to get started creating data-driven websites and to provide a jumping-off point for the reader to expand his or her skills. Today's modern world is

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heavily dependent on the World Wide Web. It affects the way we communicate, how we shop, and how we learn about the world. Every website, every page, consists of four fundamental elements: the structure, the style, the programming, and the data. These

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correspond to four different “languages,” respectively: HTML, CSS, PHP, and MySQL. After learning the necessary components, users will have the understanding required to use the above technologies to create a working website. This book is

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aimed at the programmer or student who understands the basic building blocks of programming such as statements and control structures but lacks knowledge of the syntax and application of the above-mentioned technologies.

Succeeding with data isn't just a

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matter of putting Hadoop in your machine room, or hiring some physicists with crazy math skills. It requires you to develop a data culture that involves people throughout the organization. In this O'Reilly report, DJ Patil and Hilary Mason outline the steps you need

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to take if your company is to be truly data-driven—including the questions you should ask and the methods you should adopt. You'll not only learn examples of how Google, LinkedIn, and Facebook use their data, but also how Walmart, UPS, and other

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organizations took advantage of this resource long before the advent of Big Data. No matter how you approach it, building a data culture is the key to success in the 21st century. You'll explore: Data scientist skills—and why every company needs a Spock How the

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benefits of giving company-wide access to data outweigh the costs Why data-driven organizations use the scientific method to explore and solve data problems Key questions to help you develop a research-specific process for tackling important issues What to consider

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*when assembling your data team
Developing processes to keep your
data team (and company) engaged
Choosing technologies that are
powerful, support teamwork, and
easy to use and learn
This book addresses the emerging
paradigm of data-driven*

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engineering design. In the big-data era, data is becoming a strategic asset for global manufacturers. This book shows how the power of data can be leveraged to drive the engineering design process, in particular, the early-stage design. Based on novel combinations of

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standing design methodology and the emerging data science, the book presents a collection of theoretically sound and practically viable design frameworks, which are intended to address a variety of critical design activities including conceptual design, complexity

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management, smart customization, smart product design, product service integration, and so forth. In addition, it includes a number of detailed case studies to showcase the application of data-driven engineering design. The book concludes with a set of promising

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research questions that warrant further investigation. Given its scope, the book will appeal to a broad readership, including postgraduate students, researchers, lecturers, and practitioners in the field of engineering design.

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When it comes to choosing, using, and maintaining a database, understanding its internals is essential. But with so many distributed databases and tools available today, it's often difficult to understand what each one offers and how they differ. With this

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practical guide, Alex Petrov guides developers through the concepts behind modern database and storage engine internals.

Throughout the book, you'll explore relevant material gleaned from numerous books, papers, blog posts, and the source code of

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several open source databases. These resources are listed at the end of parts one and two. You'll discover that the most significant distinctions among many modern databases reside in subsystems that determine how storage is organized and how data is

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***distributed. This book examines:
Storage engines: Explore storage classification and taxonomy, and dive into B-Tree-based and immutable Log Structured storage engines, with differences and use-cases for each Storage building blocks: Learn how database files***

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are organized to build efficient storage, using auxiliary data structures such as Page Cache, Buffer Pool and Write-Ahead Log Distributed systems: Learn step-by-step how nodes and processes connect and build complex communication patterns Database

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clusters: Which consistency models are commonly used by modern databases and how distributed storage systems achieve consistency

Database Internals

Practical PHP 7, MySQL 8, and MariaDB Website Databases

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***The Data-Driven School
From Theory to Application
Sustaining the Competitive Edge
Through Organizational Analytics
Learn to Operate at a Professional
Level with PERL and MySQL
Get Up to Speed With PHP the Easy
Way***

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PROC SQL: Beyond the Basics
Using SAS®, Third Edition, is a
step-by-step, example-driven guide
that helps readers master the
language of PROC SQL. Packed
with analysis and examples
illustrating an assortment of PROC

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SQL options, statements, and clauses, this book not only covers all the basics, but it also offers extensive guidance on complex topics such as set operators and correlated subqueries. Programmers at all levels will appreciate Kirk Lafler ' s

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easy-to-follow examples, clear explanations, and handy tips to extend their knowledge of PROC SQL. This third edition explores new and powerful features in SAS® 9.4, including topics such as: IFC and IFN functions nearest neighbor

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processing the HAVING clause indexes It also features two completely new chapters on fuzzy matching and data-driven programming. Delving into the workings of PROC SQL with greater analysis and discussion,

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PROC SQL: Beyond the Basics
Using SAS®, Third Edition,
explores this powerful database
language using discussion and
numerous real-world examples.

Build Your Own Database Driven
Website Using PHP & MySQL' is a

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practical hands-on guide to learning all the tools, principles and techniques needed to build a fully functional database driven Website using PHP & MySQL. This book covers everything from installing PHP & MySQL under Windows,

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Linux, and Mac through to building a live Web-based content management system. While this is essentially a beginners book, it also covers more advanced topics such as the storage of binary data in MySQL, and cookies and sessions in

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PHP. It comes complete with a set of handy reference guides for PHP & MySQL. Includes download access to all the code samples used throughout the book so you can adapt them to your own custom Web solutions.

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Learn how to create beautiful, interactive, browser-based data visualizations with the D3 JavaScript library. This hands-on book shows you how to use a combination of JavaScript and SVG to build everything from simple bar charts to

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complex infographics. You ' ll learn how to use basic D3 tools by building visualizations based on real data from the New York Metropolitan Transit Authority. Using historical tables, geographical information, and other data, you ' ll

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graph bus breakdowns and accidents and the percentage of subway trains running on time, among other examples. By the end of the book, you ' ll be prepared to build your own web-based data visualizations with D3. Join a dataset with

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elements of a webpage, and modify
the elements based on the data Map
data values onto pixels and colors
with D3 ' s scale objects Apply axis
and line generators to simplify
aspects of building visualizations
Create a simple UI that allows users

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to investigate and compare data Use D3 transitions in your UI to animate important aspects of the data Get an introduction to D3 layout tools for building more sophisticated visualizations If you can code and manipulate data, and know how to

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work with JavaScript and SVG, this book is for you.

Design great databases—from logical data modeling through physical schema definition. You will learn a framework that finally cracks the problem of merging data and

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process models into a meaningful and unified design that accounts for how data is actually used in production systems. Key to the framework is a method for taking the logical data model that is a static look at the definition of the data,

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and merging that static look with the process models describing how the data will be used in actual practice once a given system is implemented. The approach solves the disconnect between the static definition of data in the logical data model and the

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dynamic flow of the data in the logical process models. The design framework in this book can be used to create operational databases for transaction processing systems, or for data warehouses in support of decision support systems. The

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information manager can be a flat file, Oracle Database, IMS, NoSQL, Cassandra, Hadoop, or any other DBMS. Usage-Driven Database Design emphasizes practical aspects of design, and speaks to what works, what doesn't work, and what to

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avoid at all costs. Included in the book are lessons learned by the author over his 30+ years in the corporate trenches. Everything in the book is grounded on good theory, yet demonstrates a professional and pragmatic

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approach to design that can come only from decades of experience. Presents an end-to-end framework from logical data modeling through physical schema definition. Includes lessons learned, techniques, and tricks that can turn a database

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disaster into a success. Applies to all types of database management systems, including NoSQL such as Cassandra and Hadoop, and mainstream SQL databases such as Oracle and SQL Server What You'll Learn Create logical data models

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that accurately reflect the real world of the user Create usage scenarios reflecting how applications will use a new database Merge static data models with dynamic process models to create resilient yet flexible database designs Support

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application requirements by creating responsive database schemas in any database architecture Cope with big data and unstructured data for transaction processing and decision support systems Recognize when relational approaches won ' t work,

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and when to turn toward NoSQL solutions such as Cassandra or Hadoop Who This Book Is For System developers, including business analysts, database designers, database administrators, and application designers and

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developers who must design or interact with database systems

SHORTLISTED: CMI

Management Book of the Year 2017

- Management Futures Category

Data is changing the nature of competition. Making sense of it is

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tough; taking advantage of it is even tougher. There is a clear business opportunity for organizations to use data and analytics to transform business performance. Data-driven Organization Design provides a practical framework for HR and

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organization design practitioners to build a baseline of data, set objectives, carry out fixed and dynamic process design, map competencies, and right-size the organization so everyone performs to their potential and organizations

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have a hope of getting and sustaining a competitive edge. Data-driven Organization Design shows how to collect the right data on organizations, present it meaningfully and ask the right questions of it to help complex, fluid

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organizations constantly evolve and meet moving objectives. Through the use of case studies, practical tips, and sample exercises, it explains in detail how to use data and analytics to connect all the elements of the system so you can design an

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environment for people to perform, an organization which has the right people, in the right place, doing the right things, at the right time.

Whether you are looking to implement a long-term transformation, large redesign, or a

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one-off small scale project, Data-driven Organization Design will guide you through making the most of organizational data and analytics to drive business performance.

Analysis, Visualization and Dashboards

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A Simplified Approach to
Developing Database-Driven
Websites

Beyond the Basics Using SAS, Third
Edition

Creating Data-Driven Web Sites

Creative Coding for Visual

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Communication

Designing Data-Intensive
Applications

Data-driven Analytics for
Sustainable Buildings and Cities

**The projects tackled by the
software development industry**

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have grown in scale and complexity. Costs are increasing along with the number of developers. Power bills for distributed projects have reached the point where optimisations pay literal dividends. Over the last 10 years, a software development

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movement has gained traction, a movement founded in games development. The limited resources and complexity of the software and hardware needed to ship modern game titles demanded a different approach. Data-oriented design is inspired by high-performance

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computing techniques, database design, and functional programming values. It provides a practical methodology that reduces complexity while improving performance of both your development team and your product. Understand the goal,

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understand the data, understand the hardware, develop the solution. This book presents foundations and principles helping to build a deeper understanding of data-oriented design. It provides instruction on the thought processes involved when considering data as the

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primary detail of any project.

On the surface, design practices and data science may not seem like obvious partners. But these disciplines actually work toward the same goal, helping designers and product managers understand users so they can craft elegant

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digital experiences. While data can enhance design, design can bring deeper meaning to data. This practical guide shows you how to conduct data-driven A/B testing for making design decisions on everything from small tweaks to large-scale UX concepts. Complete

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with real-world examples, this book shows you how to make data-driven design part of your product design workflow. Understand the relationship between data, business, and design Get a firm grounding in data, data types, and components of A/B testing Use an

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**experimentation framework to
define opportunities, formulate
hypotheses, and test different
options Create hypotheses that
connect to key metrics and
business goals Design proposed
solutions for hypotheses that are
most promising Interpret the results**

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of an A/B test and determine your next move

Learn to operate at a professional level with HTML, CSS, DOM, JavaScript, PERL and the MySQL database. With plain language explanations and step-by-step examples, you will understand the

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key facets of web development that today's employers are looking for. Encapsulating knowledge that is usually found in many books rather than one, this is your one-stop tutorial to becoming a web professional. You will learn how to use the PERL scripting language

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and the MySQL database to create powerful web applications. Each chapter will become progressively more challenging as you progress through experimentation and ultimately master database-driven web development via the web applications studied in the last

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chapters. Including practical tips and guidance gleaned from 20+ years of working as a web developer, Thomas Valentine provides you with all the information you need to prosper as a professional database-driven web professional. What You'll Learn

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Leverage standard web technologies to benefit a database-driven approach Create an effective web development workstation with databases in mind Use the PERL scripting language and the MySQL database effectively Maximize the Apache Web Server Who This Book

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Is For The primary audience for this book are those who know already know web development basics and web developers who want to master database driven web development. The skills required to understand the concepts put forth are a working knowledge of PERL and

Access Free Build Your Own Database Driven Website Using PHP MySQL basic MySQL.

“In this comprehensive book, Professor Randy Deutsch has unlocked and laid bare the twenty-first century codice nascosto of architecture. It is data. Big data. Data as driver. . .This book offers us the chance to become informed and

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knowledgeable pursuers of data and the opportunities it offers to making architecture a wonderful, useful, and smart art form.” —From the Foreword by James Timberlake, FAIA Written for architects, engineers, contractors, owners, and educators, and based on today’s

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technology and practices, Data-Driven Design and Construction: 25 Strategies for Capturing, Applying and Analyzing Building Data addresses how innovative individuals and firms are using data to remain competitive while advancing their practices. seeks to

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address and rectify a gap in our learning, by explaining to architects, engineers, contractors and owners—and students of these fields—how to acquire and use data to make more informed decisions. documents how data-driven design is the new frontier of the

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convergence between BIM and architectural computational analyses and associated tools. is a book of adaptable strategies you and your organization can apply today to make the most of the data you have at your fingertips. Data-Driven Design and Construction

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was written to help design practitioners and their project teams make better use of BIM, and leverage data throughout the building lifecycle.

Super Founders uses a data-driven approach to understand what really differentiates billion-dollar startups

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from the rest—revealing that nearly everything we thought was true about them is false! Ali Tamaseb has spent thousands of hours manually amassing what may be the largest dataset ever collected on startups, comparing billion-dollar startups with those that failed

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to become one—30,000 data points on nearly every factor: number of competitors, market size, the founder's age, his or her university's ranking, quality of investors, fundraising time, and many, many more. And what he found looked far different than

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**expected. Just to mention a few:
Most unicorn founders had no industry experience; There's no disadvantage to being a solo founder or to being a non-technical CEO; Less than 15% went through any kind of accelerator program; Over half had strong competitors**

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when starting--being first to market with an idea does not actually matter. You will also hear the stories of the early days of billion-dollar startups first-hand. The book includes exclusive interviews with the founders/investors of Zoom, Instacart, PayPal, Nest, Github,

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**Flatiron Health, Kite Pharma,
Facebook, Stripe, Airbnb, YouTube,
LinkedIn, Lyft, DoorDash, Coinbase,
and Square, venture capital
investors like Elad Gil, Peter Thiel,
Alfred Lin from Sequoia Capital and
Keith Rabois of Founders Fund, as
well as previously untold stories**

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about the early days of ByteDance (TikTok), WhatsApp, Dropbox, Discord, DiDi, Flipkart, Instagram, Careem, Peloton, and SpaceX. Packed with counterintuitive insights and inside stories from people who have built massively successful companies, Super

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Founders is a paradigm-shifting and actionable guide for entrepreneurs, investors, and anyone interested in what makes a startup successful.

A practical guide to data analysis and machine learning using JavaScript

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Driven by Data

Data-Driven Controller Design

Heading in the Right Direction with

MySQL and MariaDB

Usage-Driven Database Design

A Practical Guide to Improve

Instruction

Data-Driven Security

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Digital technology has not only revolutionized the way designers work, but also the kinds of designs they produce. The development of the computer as a design environment has encouraged a

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**new breed of digital designer;
keen to explore the unique
creative potential of the
computer as an input/output
device. Data-driven Graphic
Design introduces the creative
potential of computational**

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data and how it can be used to inform and create everything from typography, print and moving graphics to interactive design and physical installations. Using code as a creative environment allows

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designers to step outside the boundaries of commercial software tools, and create a set of unique, digitally informed pieces of work. The use of code offers a new way of thinking about and creating

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design for the digital environment. Each chapter outlines key concepts and techniques, before exploring a range of innovative projects through case studies and interviews with the artists and

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designers who created them. These provide an inspirational, real-world context for every technique. Finally each chapter concludes with a Code section, guiding you through the process of experimenting

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**with each technique yourself
(with sample projects and
code examples using the
popular Processing language
supplied online to get you
started).**

Uncover hidden patterns of

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**data and respond
with countermeasures Security
professionals need all the
tools at their disposal
to increase their visibility in
order to prevent security
breaches and attacks. This**

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careful guide explores two of the most powerful data analysis and visualization. You'll soon understand how to harness and wield data, from collection and storage to management and analysis as

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well as visualization and presentation. Using a hands-on approach with real-world examples, this book shows you how to gather feedback, measure the effectiveness of your security methods, and

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make better decisions.

**Everything in this book will
have practical application
for information security
professionals. Helps IT and
security professionals
understand and use data,**

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so they can thwart attacks and understand and visualize vulnerabilities in their networks Includes more than a dozen real-world examples and hands-on exercises that demonstrate how to analyze

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**security data and intelligence
and translate that information
into visualizationsthat make
plain how to prevent attacks
Covers topics such as how to
acquire and prepare security
data,use simple statistical**

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**methods to detect malware,
predict rogue behavior,
correlate security events, and
more Written by a team of well-
known experts in the field
of security and data analysis
Lock down your networks,**

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**prevent hacks, and thwart
malware byimproving visibility
into the environment, all
through the power ofdata and
Security Using Data Analysis,
Visualization, andDashboards.
"What do you need to become**

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a data-driven organization?

**Far more than having big data
or a crack team of unicorn
data scientists, it requires
establishing an effective,
deeply-ingrained data culture.
This practical book shows you**

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**how true data-drivenness
involves processes that
require genuine buy-in across
your company ... Through
interviews and examples from
data scientists and analytics
leaders in a variety of**

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**industries ... Anderson
explains the analytics value
chain you need to adopt when
building predictive business
models"--Publisher's
description.**

Data-driven Design of Fault

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**Diagnosis and Fault-tolerant
Control Systems presents
basic statistical process
monitoring, fault diagnosis,
and control methods and
introduces advanced data-
driven schemes for the design**

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of fault diagnosis and fault-tolerant control systems catering to the needs of dynamic industrial processes. With ever increasing demands for reliability, availability and safety in technical processes

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and assets, process monitoring and fault-tolerance have become important issues surrounding the design of automatic control systems. This text shows the reader how, thanks to the rapid

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**development of information
technology, key techniques of
data-driven and statistical
process monitoring and
control can now become
widely used in industrial
practice to address these**

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issues. To allow for self-contained study and facilitate implementation in real applications, important mathematical and control theoretical knowledge and tools are included in this book.

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Major schemes are presented in algorithm form and demonstrated on industrial case systems. Data-driven Design of Fault Diagnosis and Fault-tolerant Control Systems will be of interest to process

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**and control engineers,
engineering students and
researchers with a control
engineering background.
Beginning Database Design,
Second Edition provides short,
easy-to-read explanations of**

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how to get database design right the first time. This book offers numerous examples to help you avoid the many pitfalls that entrap new and not-so-new database designers. Through the help of

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use cases and class diagrams modeled in the UML, you'll learn to discover and represent the details and scope of any design problem you choose to attack. Database design is not an

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exact science. Many are surprised to find that problems with their databases are caused by poor design rather than by difficulties in using the database management software.

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**Beginning Database Design,
Second Edition helps you ask
and answer important
questions about your data so
you can understand the
problem you are trying to
solve and create a pragmatic**

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design capturing the essentials while leaving the door open for refinements and extension at a later stage. Solid database design principles and examples help demonstrate the

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consequences of simplifications and pragmatic decisions. The rationale is to try to keep a design simple, but allow room for development as situations change or resources permit.

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Provides solid design principles by which to avoid pitfalls and support changing needs Includes numerous examples of good and bad design decisions and their consequences Shows a modern

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**method for documenting
design using the Unified
Modeling Language
PROC SQL**

**PHP & MySQL: Novice to Ninja
A Deep Dive into How
Distributed Data Systems**

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PHP MySQL
Work

**An Introduction to HTML, CSS,
PHP, and MySQL
Building Data-Driven
Applications with Danfo.js
Improving the User Experience
with A/B Testing**

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Data Visualisation

This indispensable practitioner's guide helps to build the capacity of school psychologists, administrators, and teachers to use data in collaborative decision making. It presents an

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applied, step-by-step approach for creating and running effective data teams within a problem-solving framework.

The authors describe innovative ways to improve academic and behavioral outcomes at the

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individual, class, grade, school, and district levels. Applications of readily available technology tools are highlighted. In a large-size format with lay-flat binding for easy photocopying, the book includes learning activities and

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helpful reproducible forms.

Purchasers can download and print the reproducible forms, as well as access Excel spreadsheets and PowerPoint slides related to the book, at the companion website. This book

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is in The Guilford Practical
Intervention in the Schools
Series, edited by Sandra M.
Chafouleas.

This book is SQLite-based
python programming for
database-driven desktop

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projects. Deliberately designed for various levels of programming skill, this book is suitable for students, engineers, and even researchers in various disciplines. There is no need for advanced programming

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experience, and school-level programming skills are needed. In the first chapter, you will learn to use several widgets in PyQt5: Display a welcome message; Use the Radio Button widget; Grouping radio buttons;

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Displays options in the form of a check box; and Display two groups of check boxes. In chapter two, you will learn to use the following topics: Using Signal / Slot Editor; Copy and place text from one Line Edit

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widget to another; Convert data types and make a simple calculator; Use the Spin Box widget; Use scrollbars and sliders; Using the Widget List; Select a number of list items from one Widget List and

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display them on another Widget List widget; Add items to the Widget List; Perform operations on the Widget List; Use the Combo Box widget; Displays data selected by the user from the Calendar Widget; Creating a

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hotel reservation application; and Display tabular data using Table Widgets. In chapter three, you will learn: How to create the initial three tables project in the School database: Teacher, Class, and Subject tables; How

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to create database configuration files; How to create a Python GUI for inserting and editing tables; How to create a Python GUI to join and query the three tables. In chapter four, you will learn how to: Create a main

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form to connect all forms;
Create a project will add three
more tables to the school
database: Student, Parent, and
Tuition tables; Create a Python
GUI for inserting and editing
tables; Create a Python GUI to

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join and query over the three tables. In chapter five, you will join the six classes, Teacher, TClass, Subject, Student, Parent, and Tuition and make queries over those tables. In chapter six, you will create dan

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configure database. In this chapter, you will create Suspect table in crime database. This table has eleven columns: suspect_id (primary key), suspect_name, birth_date, case_date, report_date, suspect_

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status, arrest_date,
mother_name, address,
telephone, and photo. You will
also create GUI to display, edit,
insert, and delete for this table.
In chapter seven, you will
create a table with the name

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Feature_Extraction, which has eight columns: feature_id (primary key), suspect_id (foreign key), feature1, feature2, feature3, feature4, feature5, and feature6. The six fields (except keys) will have

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VARBINARY(MAX) data type. You will also create GUI to display, edit, insert, and delete for this table. In chapter eight, you will create two tables, Police and Investigator. The Police table has six columns:

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police_id (primary key), province, city, address, telephone, and photo. The Investigator table has eight columns: investigator_id (primary key), investigator_name, rank,

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birth_date, gender, address, telephone, and photo. You will also create GUI to display, edit, insert, and delete for both tables. In the last chapter, you will create two tables, Victim and Case_File. The Victim table

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has nine columns: victim_id (primary key), victim_name, crime_type, birth_date, crime_date, gender, address, telephone, and photo. The Case_File table has seven columns: case_file_id (primary

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key), suspect_id (foreign key), police_id (foreign key), investigator_id (foreign key), victim_id (foreign key), status, and description. You will create GUI to display, edit, insert, and delete for both tables as well.

Access Free Build Your Own Database Driven Website Using PHP MySQL

Database driven Web sites are the future of the Internet. By connecting to online databases, Web pages become more than just advertisements and information vessels. With online databases, Web sites can be

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transformed into virtual storefronts, larger amounts of changing information can be shared, and e-commerce becomes simplified. Online databases provide a management nexus of

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scheduling, messages, inventory, and other information crucial for any organization large or small. Database Driven Web Sites is for intermediate to advanced Web site developers intrigued by the opportunities

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behind online databases and interested in installing one onto their Web site. With this book, the reader will learn how to plan, implement, and maintain a database driven Web site where business can be conducted and

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information easily shared.

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

This book is about building

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platforms for pandemic prediction. It provides an overview of probabilistic prediction for pandemic modeling based on a data-driven approach. It also provides guidance on building platforms

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with currently available technology using tools such as R, Shiny, and interactive plotting programs. The focus is on the integration of statistics and computing tools rather than on an in-depth analysis of all

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possibilities on each side.

Readers can follow different reading paths through the book, depending on their needs. The book is meant as a basis for further investigation of statistical modelling,

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implementation tools,
monitoring aspects, and
software functionalities.

Features: A general but
parsimonious class of models to
perform statistical prediction for
epidemics, using a Bayesian

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approach Implementation of automated routines to obtain daily prediction results How to interactively visualize the model results Strategies for monitoring the performance of the predictions and identifying

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potential issues in the results
Discusses the many decisions required to develop and publish online platforms Supplemented by an R package and its specific functionalities to model epidemic outbreaks The book is

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geared towards practitioners with an interest in the development and presentation of results in an online platform of statistical analysis of epidemiological data. The primary audience includes

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applied statisticians,
biostatisticians, computer
scientists, epidemiologists, and
professionals interested in
learning more about epidemic
modelling in general, including
the COVID-19 pandemic, and

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platform building. The authors are professors at the Statistics Department at Universidade Federal de Minas Gerais. Their research records exhibit contributions applied to a number of areas of Science,

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including Epidemiology. Their research activities include books published with Chapman and Hall/CRC and papers in high quality journals. They have also been involved with academic management of graduate

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programs in Statistics and one of them is currently the President of the Brazilian Statistical Association. Creating a Data-Driven Organization From Data Modelling to

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Visualisation - The CovidLP
Project

Modern PHP

Build Your Own Database
Driven Website Using PHP &
MySQL

Practical Advice from the

Access Free Build Your Own Database Driven Website Using PHP MySQL

Trenches

Build Your Own Website The
Right Way Using HTML & CSS
New Features and Good
Practices

Two authors demonstrate
techniques for controlling

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flash web front ends with data from database repositories.

"With an easy, step-by-step approach, this guide shows beginners how to install, use, and maintain the world's most popular open

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source database: MySQL. You'll learn through real-world examples and many practical tips, including information on how to improve database performance. Database systems such as MySQL help

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data handling for organizations large and small handle data, providing robust and efficient access in ways not offered by spreadsheets and other types of data stores. This book is also useful for web

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developers and programmers interested in adding MySQL to their skill sets. Topics include: Installation and basic administration ; Introduction to databases and SQL ; Functions, subqueries, and other query

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enhancements ; Improving
database performance ;
Accessing MySQL from popular
languages" --

Build Your Own Database
Driven Website Using PHP &
MySQL Sitepoint Pty Limited
Build interactive, database-

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driven websites with PHP 7,
MySQL 8, and MariaDB. The
focus of this book is on
getting you up and running
as quickly as possible with
real-world applications. In
the first two chapters, you
will set up your development

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and testing environment, and then build your first PHP and MariaDB or MySQL database-driven website. You will then increase its sophistication, security, and functionality throughout the course of the book. The

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PHP required is taught in context within each project so you can quickly learn how PHP integrates with MariaDB and MySQL to create powerful database-driven websites. Each project is fully illustrated, so you will see

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clearly what you are building as you create your own database-driven website. You will build a form for registering users, and then build an interface so that an administrator can view and administer the user

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database. You will create a message board for users and a method for emailing them. You will also learn the best practices for ensuring that your website databases are secure. Later chapters describe how to create a

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product catalog, and a simple e-commerce site. You will also discover how to migrate a database to a remote host. The final chapter will demonstrate the advantages of migrating to Oracle's MySQL 8. You will

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be shown step by step migration directions along with a demonstration of the tools available in SQL Workbench. Because you are building the interactive pages yourself, you will know exactly how MySQL,

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MariaDB, and PHP all work together, and you will be able to add database interactivity to your own websites with ease. What You Will Learn Build a secure database-driven website using PHP 7, MySQL 8, and

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MariaDB Create a product
catalog Write a message
board Move towards e-
commerce Employ security and
validation measures Migrate
to Oracle's MySQL 8 Server
platform Who This Book Is
For Web developers with

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HTML, CSS and a limited
Bootstrap experience.

Readers need little to no
prior experience with PHP
and MySQL.

PHP is experiencing a
renaissance, though it may
be difficult to tell with

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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

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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

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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.

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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,

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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

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how they affect modern PHP
Build a local development
environment that closely
matches your production
server

Learning MySQL and MariaDB
What Data Reveals About
Billion-Dollar Startups

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Super Founders

Data Driven: Harnessing Data
and AI to Reinvent Customer
Engagement

Programming Data-driven Web
Applications with ASP.NET

25 Strategies for Capturing,
Analyzing and Applying

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Building Data

Data Driven

Annotation This title teaches web development from scratch, without assuming any previous knowledge of HTML, CSS or web development techniques. It introduces

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readers to HTML and CSS as they follow along with the author, step-by-step, to build a fully functional web site from the ground up. Data is at the center of many challenges in system design today. Difficult

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issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational

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databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide,

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author Martin Kleppmann
helps you navigate this
diverse landscape by
examining the pros and cons
of various technologies for
processing and storing data.
Software keeps changing, but
the fundamental principles

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remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you

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already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability,

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fault tolerance, and
complexity Understand the
distributed systems research
upon which modern databases
are built Peek behind the
scenes of major online
services, and learn from
their architectures

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Programming Data-Driven Web Applications with ASP.NET provides readers with a solid understanding of ASP.NET and how to effectively integrate databases with their Web sites. The key to making

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information instantly available on the Web is integrating the Web site and the database to work as one piece. The authors teach this using ASP.NET, server-side controls, ADO+, XML, and SOAP. The authors will

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teach readers how to manage data by using ASP.NET forms, exposing data through ASP+ Web Services, working with BLOBs, and using cookies and other features to secure their data.

Data-Based Controller Design

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presents a comprehensive analysis of data-based control design. It brings together the different data-based design methods that have been presented in the literature since the late 1990's. To the best

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knowledge of the author, these data-based design methods have never been collected in a single text, analyzed in depth or compared to each other, and this severely limits their widespread application. In

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this book these methods will be presented under a common theoretical framework, which fits also a large family of adaptive control methods: the MRAC (Model Reference Adaptive Control) methods. This common theoretical

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framework has been developed and presented very recently. The book is primarily intended for PhD students and researchers - senior or junior - in control systems. It should serve as teaching material for data-based and

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adaptive control courses at the graduate level, as well as for reference material for PhD theses. It should also be useful for advanced engineers willing to apply data-based design. As a matter of fact, the concepts

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in this book are being used, under the author's supervision, for developing new software products in a automation company. The book will present simulation examples along the text. Practical applications of

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the concepts and methodologies will be presented in a specific chapter.

Axiom Business Book Award
Silver Medalist in Business
Technology The indispensable
guide to data-powered

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marketing from the team behind the data management platform that helps fuel Salesforce—the #1 customer relationship management (CRM) company in the world. A tectonic shift in the practice of marketing is

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underway. Digital technology, social media, and e-commerce have radically changed the way consumers access information, order products, and shop for services. Using the latest

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technologies—cloud, mobile, social, internet of things (IoT), and artificial intelligence (AI)—we have more data about consumers and their needs, wants, and affinities than ever before. Data Driven will show you

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how to:

- Target and delight your customers with unprecedented accuracy and success
- Bring customers closer to your brand and inspire them to engage, purchase, and remain loyal
- Capture, organize, and

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analyze data from every source and activate it across every channel●Create a data-powered marketing strategy that can be customized for any audience●Serve individual consumers with highly

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personalized
interactions●Deliver better
customer service for the
best customer
experience●Improve your
products and optimize your
operating systems●Use AI and
IoT to predict the future

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direction of markets You'll discover the three principles for building a successful data strategy and the five sources of data-driven power. You'll see how top companies put these data-driven strategies into

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action: how Pandora used second- and third-hand data to learn more about its listeners; how Georgia-Pacific moved from scarcity to abundance in the data sphere; and how Dunkin' Brands leveraged CRM data as

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a force multiplier for customer engagement. And if you're wondering what the future holds, you'll receive seven forecasts to better prepare you for what may come next. Sure to be a classic, Data Driven is a

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practical road map to the
modern marketing landscape
and a toolkit for success in
the face of changes already
underway and still to come.

Data-Driven Engineering
Design

Beginning Database Design

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Getting Started with

Data-Oriented Design

Data-driven Graphic Design

Data-Driven Design and

Construction

Database-driven Web Sites

Get hands-on with building

data-driven applications

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*using Danfo.js in
combination with other
data analysis tools and
techniques Key
FeaturesBuild
microservices to perform
data transformation and ML*

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model serving in

JavaScriptExplore what

Danfo.js is and how it

helps with data analysis

and data

visualizationCombine

Danfo.js and TensorFlow.js

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*for machine learning*Book

*Description Most data
analysts use Python and
pandas for data processing
for the convenience and
performance these
libraries provide.*

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However, JavaScript developers have always wanted to use machine learning in the browser as well. This book focuses on how Danfo.js brings data processing, analysis, and

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*ML tools to JavaScript
developers and how to make
the most of this library
to build data-driven
applications. Starting
with an overview of modern
JavaScript, you'll cover*

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*data analysis and
transformation with
Danfo.js and Dnotebook.
The book then shows you
how to load different
datasets, combine and
analyze them by performing*

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*operations such as
handling missing values
and string manipulations.
You'll also get to grips
with data plotting,
visualization,
aggregation, and group*

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operations by combining Danfo.js with Plotly. As you advance, you'll create a no-code data analysis and handling system and create-react-app, react-table, react-chart,

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*Draggable.js, and
tailwindcss, and
understand how to use
TensorFlow.js and Danfo.js
to build a recommendation
system. Finally, you'll
build a Twitter analytics*

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*dashboard powered by
Danfo.js, Next.js, node-
nlp, and Twit.js. By the
end of this app
development book, you'll
be able to build and embed
data analytics,*

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visualization, and ML capabilities into any JavaScript app in server-side Node.js or the browser. What you will learn Perform data experimentation and

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*analysis with Danfo.js and
DnotebookBuild machine
learning applications
using Danfo.js integrated
with TensorFlow.jsConnect
Danfo.js with popular
database applications to*

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aid data analysis Create a
no-code data analysis and
handling system using
internal libraries Develop
a recommendation system
with Danfo.js and
TensorFlow.js Build a

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*Twitter analytics
dashboard for sentiment
analysis and other types
of data insights*Who this
book is for This book is
for data analysts, data
scientists, and JavaScript

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*developers who want to
create data-driven
applications in the
JavaScript/Node.js
environment. Intermediate-
level knowledge of
JavaScript programming and*

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*data science using pandas
is expected.*

*Web Database Applications
with PHP and MySQL*

*Building Database-Driven
Desktop Projects*

From Novice to

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Database Driven Website Using

PHP MySQL

Professional

Data-Driven Storytelling

Database-Driven Web

Development

A Handbook for Data Driven

Design

The H2 Approach