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**AYDNEE**

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SignalR

<p><u>Blueprints</u> No Starch Press This book provides an overview of statistical concepts and basic methodology for the study of genetics of human traits and diseases. It attempts to provide a step-by-step description of problem identification, study design, methodology of data collection, data exploration, data summarizatio n and visualization, and more advanced analytical</p>	<p>methods for inferring genetic underpinnings of human phenotypes. The book provides codes in R programming language for implementatio n of most of the statistical methods described, which will enable practitioners to perform analysis of data on their own, without having to mold the data to fit the requirements of commercial statistical packages. Useful to anyone</p>	<p>engaged in studies to understand and manage good health, the book is a useful guide for sustainable development of humankind. Primarily intended for practicing biologists especially those who carry out quantitative biological research, in particular, human geneticists, the book is also helpful in classroom teaching. <i>SQL QuickStart Guide</i> Jones &amp; Bartlett Learning</p>
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Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities. Backed by the expertise and experienced guidance of the authors, this book provides everything you need to move your business forward. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on

Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Pro Linux System Administration takes a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. Completely updated for this second edition, Dennis Matotek takes you through

an infrastructure-as-code approach, seamlessly taking you through steps along the journey of Linux administration with all you need to master complex systems. This edition now includes Jenkins, Ansible, Logstash and more. What You'll Learn: Understand Linux architecture Build, back up, and recover Linux servers Create basic networks and network

services with Linux Build and implement Linux infrastructure and services including mail, web, databases, and file and print Implement Linux security Resolve Linux performance and capacity planning issues Who This Book Is For: Small to medium-sized business owners looking to run their own IT, system administrators considering migrating to Linux, and IT systems

integrators looking for an extensible Linux infrastructure management approach. Web Application Development with MEAN Programmers Mind Inc. Python Programming in Context, Third Edition provides a comprehensive and accessible introduction to Python fundamentals. Updated with the latest version of Python, the new Third Edition offers a thorough overview of

multiple applied areas, including image processing, cryptography, astronomy, the Internet, and bioinformatics . Taking an active learning approach, each chapter starts with a comprehensive real-world project that teaches core design techniques and Python programming while engaging students. An ideal first language for learners entering the rapidly

expanding field of computer science, Python gives students a solid platform of key problem-solving skills that translate easily across programming languages. *Essential Computer and it Fundamentals for Engineering And S Apress* The iPod, Apple's breakthrough MP3 music player, boasts a contact list, calendar, alarm clock, notes reader, and a handful of games In its

first year, iTunes has sold more than 70 million songs; since hitting the market in November 2001, the iPod has sold more than 3 million units This updated edition covers cool new third-party accessories, new iTunes features, iPod functions, troubleshooting, and more Covers naming an iPod, setting preferences, connecting and sharing an iPod, organizing a digital jukebox,

playing music, copying files, burning an audio CD, searching for and downloading songs from the music store, and much more Updated and revised to include coverage on both the Windows and Mac Platforms *Responsive Web Design with HTML5 and CSS3 Essentials* O'Reilly Media Hack your antivirus software to stamp out future vulnerabilities The Antivirus Hacker's

Handbook guides you through the process of reverse engineering antivirus software. You explore how to detect and exploit vulnerabilities that can be leveraged to improve future software design, protect your network, and anticipate attacks that may sneak through your antivirus' line of defense. You'll begin building your knowledge by diving into the reverse engineering

process, which details how to start from a finished antivirus software program and work your way back through its development using the functions and other key elements of the software. Next, you leverage your new knowledge about software development to evade, attack, and exploit antivirus software—all of which can help you strengthen your network

and protect your data. While not all viruses are damaging, understanding how to better protect your computer against them can help you maintain the integrity of your network. Discover how to reverse engineer your antivirus software. Explore methods of antivirus software evasion. Consider different ways to attack and exploit antivirus software. Understand the current

state of the antivirus software market, and get recommendations for users and vendors who are leveraging this software. The Antivirus Hacker's Handbook is the essential reference for software reverse engineers, penetration testers, security researchers, exploit writers, antivirus vendors, and software engineers who want to understand how to

leverage current antivirus software to improve future applications. *JAVA 9.0 To 13.0 New Features* John Wiley & Sons Design and deliver an optimal user experience for all devices. About This Book Get to grips with the core functionality of RWD through examples. Discover how to make layouts, content and media flexible, and explore why a content-first

approach is more effective. Maximize the performance of your web pages so that they work across all browsers and devices irrespective of the screen size. Who This Book Is For This book is for web designers who are familiar with HTML and CSS, and want to begin with responsive web design. Web development experience and knowledge of HTML5, CSS3 is assumed. What You Will Learn Explore

various layout options	web design approach	now accounts for more than half of the Internet's total traffic. This book will give you in depth knowledge about the basics of responsive web design. You will embark on a journey of building effective responsive web pages that work across a range of devices, from mobile phones to smart TVs, with nothing more than standard markup and styling techniques. You'll begin by
Understand what can be achieved in the browser, without the use of third-party tools	aimed at crafting sites to provide an optimal viewing and interaction experience—p	
Executing media queries to benefit responsive designs	roviding easy reading and navigation with minimum resizing, panning, and scrolling—and all of this across a wide range of devices from desktop computer monitors to mobile phones.	
Understand the basics of responsive workflow and boilerplate frameworks	Responsive web design is becoming more important as the amount of mobile traffic	
Improve performance of responsive web design		
Maintain compatibility across various browsers		
In Detail		
Responsive web design (RWD) is a		

getting an understanding of what RWD is and its significance to the modern web. Building on the basics, you'll learn about layouts and media queries. Following this, we'll dive into creating layouts using grid based templates. We'll also cover the important topic of performance management, and discover how to tackle cross-browser challenges. Style and approach This is a practical example-

based book which will delve into various elements and benefits of a responsive web design. It will help you understand the essential skills needed to create responsive web sites and guide you through the basics of building responsive web pages for any device. The topics are a blend of theoretical and practical essentials which will assist you to explore more about responsive

web design.  
**Augmented Reality with Unity AR Foundation**  
 Packt Publishing Ltd  
 Essential Computer and it Fundamentals for Engineering And S  
The Army Communicator  
 Packt Publishing Ltd  
 Statistical Applications for Environmental Analysis and RiskAssessment guides readers through real-world situations and thebest statistical methods used

to determine the nature and extent of the problem, evaluate the potential human health and ecological risks, and design and implement remedial systems as necessary. Featuring numerous worked examples using actual data and “ready-made” software scripts, Statistical Applications for Environmental Analysis and Risk Assessments also includes:

Descriptions of basic statistical concepts and principles in an informal style that does not presume prior familiarity with the subject • Detailed illustrations of statistical applications in the environmental and related water resources fields using real-world data in the contexts that would typically be encountered by practitioners • Software scripts using the high-

powered statistical software system, R, and supplemented by USEPA’s ProUCL and USDOE’s VSP software packages, which are all freely available • Coverage of frequent data sample issues such as non-detects, outliers, skewness, sustained and cyclical trend that habitually plague environmental data samples • Clear demonstrations of the crucial, but often overlooked, role of statistics in

environmental sampling design and subsequent exposure risk assessment.

**Social Networks: A Framework of Computational Intelligence**

John Wiley & Sons  
This volume presents a collection of peer-reviewed, scientific articles from the 15th International Conference on Information Technology – New Generations, held at Las Vegas. The

collection addresses critical areas of Machine Learning, Networking and Wireless Communications, Cybersecurity, Data Mining, Software Engineering, High Performance Computing Architectures, Computer Vision, Health, Bioinformatics, and Education. [The Life You Can Save](#) Springer Nature Addresses innovations in technology relating to the energy efficiency of a

wide variety of contemporary computer systems and networks With concerns about global energy consumption at an all-time high, improving computer networks energy efficiency is becoming an increasingly important topic. Large-Scale Distributed Systems and Energy Efficiency: A Holistic View addresses innovations in technology relating to the energy efficiency of a

wide variety of contemporary computer systems and networks. After an introductory overview of the energy demands of current Information and Communicatio ns Technology (ICT), individual chapters offer in-depth analyses of such topics as cloud computing, green networking (both wired and wireless), mobile computing, power modeling, the rise of green	data centers and high-performance computing, resource allocation, and energy efficiency in peer-to-peer (P2P) computing networks. Discusses measurement and modeling of the energy consumption method Includes methods for energy consumption reduction in diverse computing environments Features a variety of case studies and examples of energy reduction and	assessment Timely and important, Large-Scale Distributed Systems and Energy Efficiency is an invaluable resource for ways of increasing the energy efficiency of computing systems and networks while simultaneously reducing the carbon footprint. <u>Logging in Action</u> Random House Trade Paperbacks "This book covers strategies on using and evaluating
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open source products for online teaching and learning systems"-- Provided by publisher.

**Mastering Azure Synapse Analytics**  
Packt Publishing Ltd  
This book is designed for software developers, primarily those with knowledge of C#, .NET, and JavaScript. Good knowledge and understanding of SignalR is assumed to allow efficient programming of core

elements and applications in SignalR.

**Supercharge Your Applications with GraalVM**  
Apress  
HTML5 is a markup language used to structure and present content for the World Wide Web and is a core technology of the Internet. It is supported across different platforms and is also supported by various browsers. Its innovative features, such as canvas, audio, and

video elements, make it an excellent game building tool. HTML5 Game Development by Example Beginner's Guide Second Edition is a step-by-step tutorial that will help you create several games from scratch, with useful examples. Starting with an introduction to HTML5, the chapters of this book help you gain a better understanding of the various concepts and features of

HTML5. By the end of the book, you'll have the knowledge, skills, and level of understanding you need to efficiently develop games over the network using HTML5.

**The Antivirus Hacker's Handbook**

Springer  
THE BEST SQL BOOK FOR BEGINNERS - HANDS DOWN!

\*INCLUDES FREE ACCESS TO A SAMPLE DATABASE, SQL BROWSER APP, COMPREHENSIVE QUIZES &

SEVERAL OTHER DIGITAL RESOURCES!\*  
Not sure how to prepare for the data-driven future? This book shows you EXACTLY what you need to know to successfully use the SQL programming language to enhance your career! Are you a developer who wants to expand your mastery of database management? Then you NEED this book. Buy now and start reading today! Are you a

project manager who needs to better understand your development team's needs? A decision maker who needs to make deeper data-driven analysis? Everything you need to know is included in these pages! The ubiquity of big data means that now more than ever there is a burning need to warehouse, access, and understand the contents of massive databases

quickly and efficiently. That's where SQL comes in. SQL is the workhorse programming language that forms the backbone of modern data management and interpretation. Any database management professional will tell you that despite trendy data management languages that come and go, SQL remains the most widely used and most reliable to date, with no signs of stopping. In this

comprehensive guide, experienced mentor and SQL expert Walter Shields draws on his considerable knowledge to make the topic of relational database management accessible, easy to understand, and highly actionable. SQL QuickStart Guide is ideal for those seeking to increase their job prospects and enhance their careers, for developers looking to expand their programming

capabilities, or for anyone who wants to take advantage of our inevitably data-driven future—even with no prior coding experience! SQL QuickStart Guide Is For: - Professionals looking to augment their job skills in preparation for a data-driven future - Job seekers who want to pad their skills and resume for a durable employability edge - Beginners with zero prior experienceManagers,

decision makers, and business owners looking to manage data-driven business insights - Developers looking to expand their mastery beyond the full stack Anyone who wants to be better prepared for our data-driven future! In SQL QuickStart Guide You'll Discover: - The basic structure of databases—what they are, how they work, and how to successfully

navigate them - How to use SQL to retrieve and understand data no matter the scale of a database (aided by numerous images and examples) - The most important SQL queries, along with how and when to use them for best effect - Professional applications of SQL and how to “sell” your new SQL skills to your employer, along with other career-enhancing considerations \*LIFETIME

ACCESS TO FREE SQL RESOURCES\*: Each book comes with free lifetime access to tons of exclusive online resources to help you master SQL, such as workbooks, cheat sheets and reference guides. \*GIVING BACK\* QuickStart Guides proudly supports One Tree Planted as a reforestation partner. *Advanced Applied Deep Learning* John Wiley & Sons For many

organizations, Hadoop is the first step for dealing with massive amounts of data. The next step? Processing and analyzing datasets with the Apache Pig scripting platform. With Pig, you can batch-process data without having to create a full-fledged application, making it easy to experiment with new datasets. Updated with use cases and programming examples, this second edition is the ideal learning tool

for new and experienced users alike. You'll find comprehensive coverage on key features such as the Pig Latin scripting language and the Grunt shell. When you need to analyze terabytes of data, this book shows you how to do it efficiently with Pig. Delve into Pig's data model, including scalar and complex data types Write Pig Latin scripts to sort, group, join, project, and

filter your data Use Grunt to work with the Hadoop Distributed File System (HDFS) Build complex data processing pipelines with Pig's macros and modularity features Embed Pig Latin in Python for iterative processing and other advanced tasks Use Pig with Apache Tez to build high-performance batch and interactive data processing applications

Create your own load and store functions to handle data formats and storage mechanisms [Azure DevOps Explained](#) Tor Books Explore the world of augmented reality development with the latest features of Unity and step-by-step tutorial-style examples with easy-to-understand explanations Key Features Build functional and interactive augmented reality applications

using the Unity 3D game engine Learn to use Unity's XR and AR components, including AR Foundation and other standard Unity features Implement common AR application user experiences needed to build engaging applications Book Description Augmented reality applications allow people to interact meaningfully with the real world through digitally enhanced content. The

book starts by helping you set up for AR development, installing the Unity 3D game engine, required packages, and other tools to develop for Android (ARCore) and/or iOS (ARKit) mobile devices. Then we jump right into the building and running AR scenes, learning about AR Foundation components, other Unity features, C# coding, troubleshooting, and testing. We create a framework for building AR

applications that manages user interaction modes, user interface panels, and AR onboarding graphics that you will save as a template for reuse in other projects in this book. Using this framework, you will build multiple projects, starting with a virtual photo gallery that lets you place your favorite framed photos on your real-world walls, and interactively edit these virtual objects. Other projects

include an educational image tracking app for exploring the solar system, and a fun selfie app to put masks and accessories on your face. The book provides practical advice and best practices that will have you up and running quickly. By the end of this AR book, you will be able to build your own AR applications, engaging your users in new and innovative ways. What you will learnDiscover

Unity engine features for building AR applications and gamesGet up to speed with Unity AR Foundation components and the Unity APIBuild a variety of AR projects using best practices and important AR user experiencesUnderstand the core concepts of augmented reality technology and development for real-world projectsSet up your system for AR development and learn to improve your development

workflowCreate an AR user framework with interaction modes and UI, saved as a template for new projectsWho this book is for This augmented reality book is for game developers interested in adding AR capabilities to their games and apps. The book assumes beginner-level knowledge of Unity development and C# programming, familiarity with 3D graphics, and experience in

using existing AR applications. Beginner-level experience in developing mobile applications will be helpful to get the most out of this AR Unity book. The Turing Option Packt Publishing Ltd A practical guide that will help you transform your data into actionable insights with Azure Synapse Analytics KEY FEATURES ● Explore the different features in the Azure Synapse Analytics workspace. ●

Learn how to integrate Power BI and Data Governance capabilities with Azure Synapse Analytics. ● Accelerate your analytics journey with the no-code/low-code capabilities of Azure Synapse. DESCRIPTION Cloud analytics is a crucial aspect of any digital transformation initiative, and the capabilities of the Azure Synapse analytics platform can simplify and streamline

this process. By mastering Azure Synapse Analytics, analytics developers across organizations can boost their productivity by utilizing low-code, no-code, and traditional code-based analytics frameworks. This book starts with a comprehensive introduction to Azure Synapse Analytics and its limitless cloud-scale analytics capabilities. You will then learn how to explore and

work with data warehousing features in Azure Synapse. Moving on, the book will guide you on how to effectively use Synapse Spark for data engineering and data science. It will help you learn how to gain insights from your data through Observational analytics using Synapse Data Explorer. You will also discover the seamless data integration capabilities of Synapse Pipeline, and delve into the

benefits of Synapse Analytics' low-code and no-code pipeline development features. Lastly the book will show you how to create network topology and implement industry-specific architecture patterns in Azure Synapse Analytics. By the end of the book, you will be able to process and analyze vast amounts of data in real-time to gain insights quickly and make informed

decisions.  
WHAT YOU  
WILL LEARN ●  
Leverage  
Synapse Spark  
for machine  
learning tasks.  
● Use  
Synapse Data  
Explorer for  
telemetry  
analysis. ●  
Take  
advantage of  
Synapse's  
common data  
model-based  
database  
templates. ●  
Query data  
using T-SQL,  
KQL, and  
Spark SQL  
within  
Synapse. ●  
Integrate  
Microsoft  
Purview with  
Synapse for  
enhanced  
data  
governance.

WHO THIS  
BOOK IS FOR  
This book is  
designed for  
Cloud data  
engineers with  
prior  
experience in  
Azure cloud  
computing, as  
well as Chief  
Data Officers  
(CDOs) and  
Data  
professionals,  
who want to  
use this  
unified  
platform for  
data  
ingestion,  
data  
warehousing,  
and big data  
analytics.  
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**Learning  
Swift**

"O'Reilly  
Media, Inc."  
Data science  
libraries,  
frameworks,  
modules, and  
toolkits are  
great for  
doing data  
science, but  
they're also a  
good way to  
dive into the  
discipline  
without  
actually  
understanding  
data science.  
With this  
updated  
second  
edition, you'll  
learn how  
many of the  
most  
fundamental  
data science

tools and  
algorithms  
work by  
implementing  
them from  
scratch. If you  
have an  
aptitude for  
mathematics  
and some  
programming  
skills, author  
Joel Grus will  
help you get  
comfortable  
with the math  
and statistics  
at the core of  
data science,  
and with  
hacking skills  
you need to  
get started as  
a data  
scientist.  
Today's messy  
glut of data  
holds answers  
to questions  
no one's even  
thought to  
ask. This book

provides you  
with the know-  
how to dig  
those answers  
out.

Practical Deep  
Learning IGI  
Global  
Implement  
real-world  
DevOps and  
cloud  
deployment  
scenarios  
using Azure  
Repos, Azure  
Pipelines, and  
other Azure  
DevOps tools  
Key  
FeaturesImpro  
ve your  
application  
development  
life cycle with  
Azure DevOps  
in a step-by-  
step  
mannerApply  
continuous  
integration  
and

continuous deployment to reduce application downtime. Work with real-world CI/CD scenarios curated by a team of renowned Microsoft MVPs and MCTs. Book Description: Developing applications for the cloud involves changing development methodologies and procedures. Continuous integration and continuous deployment (CI/CD) processes are a must today,

but are often difficult to implement and adopt. Azure DevOps is a Microsoft Azure cloud service that enhances your application development life cycle and enables DevOps capabilities. Starting with a comprehensive product overview, this book helps you to understand Azure DevOps and apply DevOps techniques to your development projects. You'll find out how to adopt DevOps

techniques for your development processes by using built-in Azure DevOps tools. Throughout the course of this book, you'll also discover how to manage a project with the help of project management techniques such as Agile and Scrum, and then progress toward development aspects such as source code management, build pipelines, code testing and artifacts,

release pipelines, and GitHub integration. As you learn how to implement DevOps practices, this book will also provide you with real-world examples and scenarios of DevOps adoption. By the end of this DevOps book, you will have learned how to adopt and implement Azure DevOps features in your real-world development processes. What you will learnGet to grips with Azure

DevOpsFind out about project management with Azure BoardsUnderst and source code management with Azure ReposBuild and release pipelinesRun quality tests in build pipelinesUse artifacts and integrate Azure DevOps in the GitHub flowDiscover real-world CI/CD scenarios with Azure DevOpsWho this book is for This book is for developers, solutions architects,

and DevOps engineers interested in getting started with cloud DevOps practices on Azure. Prior understanding of Azure architecture and services is necessary. Some knowledge of DevOps principles and techniques will be useful. **SQL** Packt Publishing Ltd Argues that for the first time in history we're in a position to end extreme poverty throughout the world, both because of our

unprecedented wealth and advances in technology, therefore we can no longer consider ourselves good people unless we give more to the poor. Reprint.

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- [Iron Flame \(the Emphyrean, 2\) By Rebecca Yarros](#)
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