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With practical advice on topics ranging from writing effective essays, paragraphs, and sentences to documenting sources and designing Web pages, THE WADSWORTH HANDBOOK is the essential tool for any college student! Tailored to the way students like you study and learn, this handbook is THE go-to guide for every kind of writing--in and out of the classroom. THE WADSWORTH HANDBOOK, Tenth Edition, helps you produce sound academic writing, introducing you to the principles of college writing in the twenty-first century. Available with InfoTrac Student Collections
<http://gocengage.com/infotrac>.

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Summary Machine Learning in Action is unique book that blends the foundational theories of machine learning with the practical realities of building tools for everyday data analysis. You'll use the flexible Python programming language to build programs that implement algorithms for data classification, forecasting, recommendations, and higher-level features like summarization and simplification. About the Book A machine is said to learn when its performance improves with experience. Learning requires algorithms and programs that capture data and ferret out the interesting or useful patterns. Once the specialized domain of analysts

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and mathematicians, machine learning is becoming a skill needed by many. **Machine Learning in Action** is a clearly written tutorial for developers. It avoids academic language and takes you straight to the techniques you'll use in your day-to-day work. Many (Python) examples present the core algorithms of statistical data processing, data analysis, and data visualization in code you can reuse. You'll understand the concepts and how they fit in with tactical tasks like classification, forecasting, recommendations, and higher-level features like summarization and simplification. Readers need no prior experience with machine learning or statistical processing. Familiarity with Python is helpful. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

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**What's Inside A no-nonsense
introduction Examples showing
common ML tasks Everyday data
analysis Implementing classic
algorithms like Apriori and Adaboos
Table of Contents PART 1
CLASSIFICATION Machine learning
basics Classifying with k-Nearest
Neighbors Splitting datasets one feature
at a time: decision trees Classifying with
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regression Support vector machines
Improving classification with the
AdaBoost meta algorithm PART 2
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WITH REGRESSION Predicting
numeric values: regression Tree-based
regression PART 3 UNSUPERVISED
LEARNING Grouping unlabeled items
using k-means clustering Association
analysis with the Apriori algorithm
Efficiently finding frequent itemsets**

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**with FP-growth PART 4 ADDITIONAL
TOOLS Using principal component
analysis to simplify data Simplifying
data with the singular value
decomposition Big data and
MapReduce**

**Database System Concepts by
Silberschatz, Korth and Sudarshan is
now in its 6th edition and is one of the
cornerstone texts of database education.
It presents the fundamental concepts of
database management in an intuitive
manner geared toward allowing
students to begin working with
databases as quickly as possible. The
text is designed for a first course in
databases at the junior/senior
undergraduate level or the first year
graduate level. It also contains
additional material that can be used as
supplements or as introductory material
for an advanced course. Because the**

authors present concepts as intuitive descriptions, a familiarity with basic data structures, computer organization, and a high-level programming language are the only prerequisites. Important theoretical results are covered, but formal proofs are omitted. In place of proofs, figures and examples are used to suggest why a result is true.

This book presents high-quality peer-reviewed papers from the International Conference on Advanced Communication and Computational Technology (ICACCT) 2019 held at the National Institute of Technology, Kurukshetra, India. The contents are broadly divided into four parts: (i) Advanced Computing, (ii) Communication and Networking, (iii) VLSI and Embedded Systems, and (iv) Optimization Techniques. The major focus is on emerging computing

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technologies and their applications in the domain of communication and networking. The book will prove useful for engineers and researchers working on physical, data link and transport layers of communication protocols. Also, this will be useful for industry professionals interested in manufacturing of communication devices, modems, routers etc. with enhanced computational and data handling capacities.

A First Course in Programming and Statistics

Computer Networks

Introduction to Information Retrieval

Concepts, Principles, and Practices

Linked Open Data -- Creating

Knowledge Out of Interlinked Data

Select Proceedings of AISE 2020,

Volume 2

This guide was written

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for readers interested in learning the C++ programming language from scratch, and for both novice and advanced C++ programmers wishing to enhance their knowledge of C++. The text is organized to guide the reader from elementary language concepts to professional software development, with in depth coverage of all the C++ language elements en route. Written as a tutorial to explore and understand the power of R for

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machine learning. This practical guide that covers all of the need to know topics in a very systematic way. For each machine learning approach, each step in the process is detailed, from preparing the data for analysis to evaluating the results. These steps will build the knowledge you need to apply them to your own data science tasks. Intended for those who want to learn how to use R's machine learning capabilities and gain

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insight from your data. Perhaps you already know a bit about machine learning, but have never used R; or perhaps you know a little R but are new to machine learning. In either case, this book will get you up and running quickly. It would be helpful to have a bit of familiarity with basic programming concepts, but no prior experience is required. Class-tested and coherent, this textbook teaches classical and web information

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retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples

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and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's

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supporting website to help course instructors prepare their lectures. Comprehensive treatment focuses on creation of efficient data structures and algorithms and selection or design of data structure best suited to specific problems. This edition uses C++ as the programming language. Principles, Design, and Implementation Fundamentals of Relational Database Management Systems AI Algorithms, Data

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*Structures, and Idioms
in Prolog, Lisp, and
Java*

*The Data Science Design
Manual*

*System Engineering
Analysis, Design, and
Development*

*Introduction to Database
Management System*

Click here to find out more about the 2009 MLA Updates and the 2010 APA Updates. Tech-savvy and student-friendly, The Bedford Researcher addresses the kinds of writing students actually do and the kinds of sources they actually use. It follows real student writers from their initial research questions all

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the way to designing their final essays, integrating electronic sources and tools into each stage of the process. Clearly organized and readable, The Bedford Researcher strips away the complexities of research writing and empowers students to write with confidence.

Introduces machine learning and its algorithmic paradigms, explaining the principles behind automated learning approaches and the considerations underlying their usage.

New edition of a text intended primarily for the undergraduate courses on the subject which are frequently found in electrical engineering curricula--but the

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concepts and techniques it covers are also of fundamental importance in other engineering disciplines.

The book is structured to develop in parallel the methods of analysis for continuous-time and discrete-time signals and systems, thus allowing exploration of their similarities and differences. Discussion of applications is emphasized, and numerous worked examples are included. Annotation copyrighted by Book News, Inc., Portland, OR

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Database Systems: The Complete Book is ideal for Database Systems

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and Database Design and Application courses offered at the junior, senior and graduate levels in Computer Science departments. A basic understanding of algebraic expressions and laws, logic, basic data structure, OOP concepts, and programming environments is implied. Written by well-known computer scientists, this introduction to database systems offers a comprehensive approach, focusing on database design, database use, and implementation of database applications and database management systems. The first half of the book provides in-depth coverage of databases from the point of view of the database designer, user, and application

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programmer. It covers the latest database standards SQL:1999, SQL/PSM, SQL/CLI, JDBC, ODL, and XML, with broader coverage of SQL than most other texts. The second half of the book provides in-depth coverage of databases from the point of view of the DBMS implementor. It focuses on storage structures, query processing, and transaction management. The book covers the main techniques in these areas with broader coverage of query optimization than most other texts, along with advanced topics including multidimensional and bitmap indexes, distributed transactions, and information integration techniques. Algebra, Meaning, and

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Computation

Signals & Systems

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2019

The Complete Book

Computer Networking

Data Mining: Concepts and
Techniques

This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key skills needed to build systems for collecting,

analyzing, and interpreting data. The Data Science Design Manual is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools, focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an “Introduction

to Data Science” course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains “War Stories,” offering perspectives on how data science applies in the real world Includes “Homework Problems,” providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video

lectures at www.data-manual.com Provides “Take-Home Lessons,” emphasizing the big-picture concepts to learn from each chapter

Recommends exciting “Kaggle Challenges” from the online platform Kaggle Highlights “False Starts,” revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show “The Quant Shop” (www.quant-shop.com)

Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or

information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical

processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and

researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data

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**Immer komplexere
Anwendungen stellen
steigende
Leistungsanforderungen an
relationale Datenbanksysteme.
Um diese zu erfüllen, ist eine
Parallelisierung der
Anfragebearbeitung
erforderlich. Als Beitrag hierzu
wird ein Verfahren
zur Übersetzung von
Anwenderanfragen, die in der
Standard-Sprache SQL
formuliert sind, in effiziente
parallele Bearbeitungspläne
vorgestellt. Dabei wird die
Technik der regelbasierten
Optimierung zugrundegelegt.
Von generellem Nutzen für die**

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**korrekte und effiziente
Bearbeitung von SQL-
Anfragen ist die Integration
bekannter
Optimierungstechniken auf
der Basis einer erweiterten
relationalen Algebra. Mit einer
systematischen und
kompakten Beschreibung
paralleler Bearbeitungspläne
wird darüber hinaus ein
Beitrag zum Verständnis der
Parallelisierbarkeit komplexer
relationaler Anfragen geleistet.
A groundbreaking introduction
to vectors, matrices, and least
squares for engineering
applications, offering a wealth
of practical examples.**

Machine Learning in Action

Optimierung für parallele

Bearbeitung

Understanding Machine

Learning

Advances in Communication

and Computational

Technology

SQL-Anfragen

Database System Concepts

Answer set programming (ASP)

is a programming methodology

oriented towards combinatorial

search problems. In such a

problem, the goal is to find a

solution among a large but finite

number of possibilities. The idea

of ASP came from research on

artificial intelligence and

computational logic. ASP is a form of declarative programming: an ASP program describes what is counted as a solution to the problem, but does not specify an algorithm for solving it. Search is performed by sophisticated software systems called answer set solvers. Combinatorial search problems often arise in science and technology, and ASP has found applications in diverse areas—in historical linguistic, in bioinformatics, in robotics, in space exploration, in oil and gas industry, and many others. The importance of this programming method was recognized by the Association for

the Advancement of Artificial Intelligence in 2016, when AI Magazine published a special issue on answer set programming. The book introduces the reader to the theory and practice of ASP. It describes the input language of the answer set solver CLINGO, which was designed at the University of Potsdam in Germany and is used today by ASP programmers in many countries. It includes numerous examples of ASP programs and present the mathematical theory that ASP is based on. There are many exercises with complete solutions.

Praise for the first edition: "This excellent text will be useful to every system engineer (SE) regardless of the domain. It covers ALL relevant SE material and does so in a very clear, methodical fashion. The breadth and depth of the author's presentation of SE principles and practices is outstanding." –Philip Allen This textbook presents a comprehensive, step-by-step guide to System Engineering analysis, design, and development via an integrated set of concepts, principles, practices, and methodologies. The methods presented in this text apply to any type of human system --

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small, medium, and large organizational systems and system development projects delivering engineered systems or services across multiple business sectors such as medical, transportation, financial, educational, governmental, aerospace and defense, utilities, political, and charity, among others. Provides a common focal point for “bridging the gap” between and unifying System Users, System Acquirers, multi-discipline System Engineering, and Project, Functional, and Executive Management education, knowledge, and decision-making for developing

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systems, products, or services
Each chapter provides definitions
of key terms, guiding principles,
examples, author's notes, real-
world examples, and exercises,
which highlight and reinforce key
SE&D concepts and practices
Addresses concepts employed in
Model-Based Systems
Engineering (MBSE), Model-
Driven Design (MDD),
Unified Modeling Language
(UMLTM) / Systems Modeling
Language (SysMLTM), and
Agile/Spiral/V-Model
Development such as user
needs, stories, and use cases
analysis;
specification development;

system architecture
development; User-Centric
SystemDesign (UCSD); interface
definition & control;
systemintegration & test; and
Verification & Validation(V&V)
Highlights/introduces a new 21st
Century SystemsEngineering &
Development (SE&D) paradigm
that is easy to understand and
implement. Provides practices
that are critical staging points for
technical decision making such
as Technical
StrategyDevelopment; Life Cycle
requirements; Phases, Modes, &
States; SE Process;
Requirements Derivation;
System

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Architecture Development, User-Centric System Design (UCSD); Engineering Standards, Coordinate Systems, and Conventions; et al. Thoroughly illustrated, with end-of-chapter exercises and numerous case studies and examples, Systems Engineering Analysis, Design, and Development, Second Edition is a primary textbook for multi-discipline, engineering, system analysis, and project management undergraduate/graduate level students and a valuable reference for professionals. Computer Networks: A Systems Approach, Fifth Edition, explores

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the key principles of computer networking, with examples drawn from the real world of network and protocol design. Using the Internet as the primary example, this best-selling and classic textbook explains various protocols and networking technologies. The systems-oriented approach encourages students to think about how individual network components fit into a larger, complex system of interactions. This book has a completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, including P2P,

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wireless, network security, and network applications such as e-mail and the Web, IP telephony and video streaming, and peer-to-peer file sharing. There is now increased focus on application layer issues where innovative and exciting research and design is currently the center of attention. Other topics include network design and architecture; the ways users can connect to a network; the concepts of switching, routing, and internetworking; end-to-end protocols; congestion control and resource allocation; and end-to-end data. Each chapter includes a problem statement, which

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introduces issues to be examined; shaded sidebars that elaborate on a topic or introduce a related advanced topic; What's Next? discussions that deal with emerging issues in research, the commercial world, or society; and exercises. This book is written for graduate or upper-division undergraduate classes in computer networking. It will also be useful for industry professionals retraining for network-related assignments, as well as for network practitioners seeking to understand the workings of network protocols and the big picture of networking. Completely updated content with

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expanded coverage of the topics of utmost importance to networking professionals and students, including P2P, wireless, security, and applications Increased focus on application layer issues where innovative and exciting research and design is currently the center of attention Free downloadable network simulation software and lab experiments manual available

Presents the fundamental concepts of database management. This text is suitable for a first course in databases at the junior/senior undergraduate level or the first

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year graduate level.

Database Systems

Fundamentals of Database

Systems

Data Analytics and Management

Higher Education Opportunity

Act

A Complete Guide to

Programming in C++

DBMS Lab Manual

"Graphs. Such a simple idea.

Map a problem onto a graph

then solve it by searching

over the graph or by

exploring the structure of

the graph. What could be

easier? Turns out, however,

that working with graphs is

a vast and complex field.

Keeping up is challenging.

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To help keep up, you just need an editor who knows most people working with graphs, and have that editor gather nearly 70 researchers to summarize their work with graphs. The result is the book *Massive Graph Analytics*." – Timothy G Mattson, Senior Principal Engineer, Intel Corp

Expertise in massive-scale graph analytics is key for solving real-world grand challenges from health to sustainability to detecting insider threats, cyber defense, and more. This book provides a comprehensive introduction to massive graph analytics, featuring contributions from thought

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leaders across academia, industry, and government. Massive Graph Analytics will be beneficial to students, researchers, and practitioners in academia, national laboratories, and industry who wish to learn about the state-of-the-art algorithms, models, frameworks, and software in massive-scale graph analytics.

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality

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code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction,

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encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major

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programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video

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lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from <http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: <http://www.introprogra>

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Framework, data types,
variables, expressions,
statements, console,
conditional statements,
control-flow logic, loops,
arrays, numeral systems,
methods, strings, text
processing, StringBuilder,
exceptions, exception
handling, stack trace,
streams, files, text files,

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linear data structures,
list, linked list, stack,
queue, tree, balanced tree,
graph, depth-first search,
DFS, breadth-first search,
BFS, dictionaries, hash
tables, associative arrays,
sets, algorithms, sorting
algorithm, searching
algorithms, recursion,
combinatorial algorithms,
algorithm complexity, OOP,
object-oriented programming,
classes, objects,
constructors, fields,
properties, static members,
abstraction, interfaces,
encapsulation, inheritance,
virtual methods,
polymorphism, cohesion,
coupling, enumerations,
generics, namespaces, UML,

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design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

A comprehensive text on foundations and techniques of graph neural networks with applications in NLP, data mining, vision and healthcare.

Linked Open Data (LOD) is a pragmatic approach for realizing the Semantic Web vision of making the Web a global, distributed,

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semantics-based information system. This book presents an overview on the results of the research project "LOD2 -- Creating Knowledge out of Interlinked Data". LOD2 is a large-scale integrating project co-funded by the European Commission within the FP7 Information and Communication Technologies Work Program. Commencing in September 2010, this 4-year project comprised leading Linked Open Data research groups, companies, and service providers from across 11 European countries and South Korea. The aim of this project was to advance the state-of-the-art in

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research and development in four key areas relevant for Linked Data, namely 1. RDF data management; 2. the extraction, creation, and enrichment of structured RDF data; 3. the interlinking and fusion of Linked Data from different sources and 4. the authoring, exploration and visualization of Linked Data.

Data Structures and
Algorithm Analysis in C++,
Third Edition
Massive Graph Analytics
Vectors, Matrices, and Least
Squares
Proceedings, Third
International Conference on
Intelligent Systems for

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Molecular Biology

From Theory to Algorithms

Timetable

This edition combines clear explanations of database theory and design with up-to-date coverage of models and real systems. It features excellent examples and access to Addison Wesley's database Web site that includes further teaching, tutorials and many useful student resources.

The Book of R is a comprehensive, beginner-

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friendly guide to R, the world's most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, you'll find everything you need to begin using R effectively for statistical analysis. You'll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like

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producing statistical summaries of your data and performing statistical tests and modeling. You'll even learn how to create impressive data visualizations with R's basic graphics tools and contributed packages, like ggplot2 and ggvis, as well as interactive 3D visualizations using the rgl package. Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn: –The

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fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loops –Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in R –How to access R's thousands of functions, libraries, and data sets –How to draw valid and useful conclusions from your data –How to create

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*publication-quality
graphics of your results
Combining detailed
explanations with real-
world examples and
exercises, this book
will provide you with a
solid understanding of
both statistics and the
depth of R's
functionality. Make The
Book of R your doorway
into the growing world
of data analysis.
Appropriate for a first
course on computer
networking, this
textbook describes the
architecture and*

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function of the application, transport, network, and link layers of the internet protocol stack, then examines audio and video networking applications, the underpinnings of encryption and network security, and the key issues of network management. Th

This second edition of a well-received text, with 20 new chapters, presents a coherent and unified repository of recommender systems' major concepts,

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theories, methodologies, trends, and challenges. A variety of real-world applications and detailed case studies are included. In addition to wholesale revision of the existing chapters, this edition includes new topics including: decision making and recommender systems, reciprocal recommender systems, recommender systems in social networks, mobile recommender systems, explanations for recommender systems,

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music recommender systems, cross-domain recommendations, privacy in recommender systems, and semantic-based recommender systems.

This multi-disciplinary handbook involves world-wide experts from diverse fields such as artificial intelligence, human-computer interaction, information retrieval, data mining, mathematics, statistics, adaptive user interfaces, decision support systems, psychology, marketing,

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*and consumer behavior.
Theoreticians and
practitioners from these
fields will find this
reference to be an
invaluable source of
ideas, methods and
techniques for
developing more
efficient, cost-
effective and accurate
recommender systems.
Proceedings of ICDAM
The Book of R
The Bedford Researcher
with 2009 MLA and 2010
APA Updates
The Wadsworth Handbook
Answer Set Programming*

Introduction to Applied Linear Algebra

Cryptography is now ubiquitous – moving beyond the traditional environments, such as government communications and banking systems, we see cryptographic techniques realized in Web browsers, e-mail programs, cell phones, manufacturing systems, embedded software, smart buildings, cars, and even medical implants. Today's designers need a comprehensive understanding of applied cryptography. After an introduction to cryptography and data security, the authors explain

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the main techniques in modern cryptography, with chapters addressing stream ciphers, the Data Encryption Standard (DES) and 3DES, the Advanced Encryption Standard (AES), block ciphers, the RSA cryptosystem, public-key cryptosystems based on the discrete logarithm problem, elliptic-curve cryptography (ECC), digital signatures, hash functions, Message Authentication Codes (MACs), and methods for key establishment, including certificates and public-key infrastructure (PKI). Throughout the book, the authors focus on

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communicating the essentials and keeping the mathematics to a minimum, and they move quickly from explaining the foundations to describing practical implementations, including recent topics such as lightweight ciphers for RFIDs and mobile devices, and current key-length recommendations. The authors have considerable experience teaching applied cryptography to engineering and computer science students and to professionals, and they make extensive use of examples, problems, and chapter reviews, while the book's website offers slides, projects and links to

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further resources. This is a suitable textbook for graduate and advanced undergraduate courses and also for self-study by engineers.

This volume - honoring the computer science pioneer Joseph Goguen on his 65th Birthday - includes 32 refereed papers by leading researchers in areas spanned by Goguen's work. The papers address a variety of topics from meaning, meta-logic, specification and composition, behavior and formal languages, as well as models, deduction, and computation, by key members of the research community in computer science

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and other fields connected with Joseph Goguen's work.

This manual is specially written for Students who are interested in understanding Structured Query Language and PL-SQL concepts in the Computer Engineering and Information technology field and wants to gain enhance knowledge about power of SQL Language in Relational Database Management System Development. The manual covers practical point of view in all aspects of SQL and PL/SQL including DDL, DML, DCL sublanguages, also there are practices for Views, Group by,

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Having Clause. All PL-SQL concepts like Condition and Loop Structures, Functions and Procedures, Cursor, Triggers, Locks are illustrated using best examples

This book provides comprehensive coverage of fundamentals of database management system. It contains a detailed description on Relational Database Management System Concepts. There are a variety of solved examples and review questions with solutions. This book is for those who require a better understanding of relational data modeling, its purpose, its nature,

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and the standards used in
creating relational data model.

Recommender Systems

Handbook

Understanding Cryptography

Study Companion

ISMB-95

Machine Learning with R

Essays dedicated to Joseph A.

Goguen on the Occasion of His

65th Birthday

This book includes

original unpublished

contributions presented at

the International

Conference on Data

Analytics and Management

(ICDAM 2020), held at Jan

Wyzykowski University,

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