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LESTER TYRESE

Imperiled Whiteness Springer Science & Business Media

Learn to effectively manage data and execute data science projects from start to finish using Python Key

FeaturesUnderstand and utilize data science tools in Python, such as specialized machine learning algorithms and statistical modelingBuild a strong data science foundation with the best data science tools available in PythonAdd value to yourself, your organization, and society by extracting actionable insights from raw dataBook Description Practical Data Science with Python teaches you core data science concepts, with real-world and realistic examples, and strengthens your grip on the basic as well as advanced principles of data preparation and storage, statistics, probability theory, machine learning, and Python programming, helping you build a solid foundation to gain proficiency in data science. The book starts with an overview of basic Python skills and then introduces foundational data science techniques, followed by a thorough explanation of the Python code needed to execute the

techniques. You'll understand the code by working through the examples. The code has been broken down into small chunks (a few lines or a function at a time) to enable thorough discussion. As you progress, you will learn how to perform data analysis while exploring the functionalities of key data science Python packages, including pandas, SciPy, and scikit-learn. Finally, the book covers ethics and privacy concerns in data science and suggests resources for improving data science skills, as well as ways to stay up to date on new data science developments. By the end of the book, you should be able to comfortably use Python for basic data science projects and should have the skills to execute the data science process on any data source. What you will learnUse Python data science packages effectivelyClean and prepare data for data science work, including feature engineering and feature selectionData modeling, including classic statistical models (such as t-tests), and essential machine learning algorithms, such as random forests and boosted modelsEvaluate model performanceCompare and understand different machine learning methodsInteract with Excel spreadsheets through PythonCreate automated data

science reports through PythonGet to grips with text analytics techniques. Who this book is for: The book is intended for beginners, including students starting or about to start a data science, analytics, or related program (e.g. Bachelor's, Master's, bootcamp, online courses), recent college graduates who want to learn new skills to set them apart in the job market, professionals who want to learn hands-on data science techniques in Python, and those who want to shift their career to data science. The book requires basic familiarity with Python. A "getting started with Python" section has been included to get complete novices up to speed.

Women in True Crime Media Springer Nature

The analysis of behavioral models is of high importance for cyber-physical systems, as the systems often encompass complex behavior based on e.g. concurrent components with mutual exclusion or probabilistic failures on demand. The rule-based formalism of probabilistic timed graph transformation systems is a suitable choice when the models representing states of the system can be understood as graphs and timed and probabilistic behavior is important. However, model checking PTGTSs is limited to systems with rather small state spaces. We present an approach for the analysis of large scale systems modeled as probabilistic timed graph transformation systems by systematically decomposing their state spaces into manageable fragments. To obtain qualitative and quantitative analysis results for a large scale system, we verify that results obtained for its fragments serve as overapproximations for the corresponding results of the large scale system. Hence, our approach allows for the detection of violations of

qualitative and quantitative safety properties for the large scale system under analysis. We consider a running example in which we model shuttles driving on tracks of a large scale topology and for which we verify that shuttles never collide and are unlikely to execute emergency brakes. In our evaluation, we apply an implementation of our approach to the running example.

iPod and iTunes Hacks Taylor & Francis
The Software Life Cycle deals with the software lifecycle, that is, what exactly happens when software is developed. Topics covered include aspects of software engineering, structured techniques of software development, and software project management. The use of mathematics to design and develop computer systems is also discussed. This book is comprised of 20 chapters divided into four sections and begins with an overview of software engineering and software development, paying particular attention to the birth of software engineering and the introduction of formal methods of software development. The next section explores some aspects of software engineering that tend to get ignored in the literature, including functional programming, functional-programming languages, and relational databases. The reader is then introduced to structured methods of software development, along with software project management. The final chapter is devoted to software testing, which can be functional or nonfunctional. This monograph will be useful to software engineers and designers.

Design Solutions for User-Centric Information Systems IET

Unplugging Popular Culture showcases youth and young adult characters from film and television who defy the

stereotype of the "digital native" who acts as an unquestioning devotee to screened technologies like the smartphone. In this study, unplugged tools, or non-digital tools, do not necessitate a ban on technology or a refusal to acknowledge its affordances but work instead to highlight the ability of fictional characters to move from high tech settings to low tech ones. By repurposing everyday materials, characters model the process of reusing and upcycling existing materials in innovative ways. In studying examples such as *Pitch Perfect*, *Supernatural*, *Stranger Things*, and *Get Out*, the book aims to make theories surrounding materiality apparent within popular culture and to help today's readers reconsider stereotypes of the young people they encounter on a daily basis. *Transmediating the Whedonverse(s)* "O'Reilly Media, Inc."

Dive into SQLAlchemy, the popular, open-source code library that helps Python programmers work with relational databases such as Oracle, MySQL, PostgreSQL, and SQLite. Using real-world examples, this practical guide shows you how to build a simple database application with SQLAlchemy, and how to connect to multiple databases simultaneously with the same metadata. SQL is a powerful language for querying and manipulating data, but it's tough to integrate it with your application. SQLAlchemy helps you map Python objects to database tables without substantially changing your existing Python code. If you're an intermediate Python developer with knowledge of basic SQL syntax and relational theory, this book serves as both a learning tool and a handy reference. Essential SQLAlchemy includes several sections: SQLAlchemy

Core: Provide database services to your applications in a Pythonic way with the SQL Expression Language SQLAlchemy ORM: Use the object relational mapper to bind database schema and operations to data objects in your application Alembic: Use this lightweight database migration tool to handle changes to the database as your application evolves Cookbook: Learn how to use SQLAlchemy with web frameworks like Flask and libraries like SQLAlchemy The MXF Book Univ. Press of Mississippi There is a growing interest in the development and deployment of intelligent surveillance systems in public and private locations. This book consists of a selection of extended versions of presentations made in two symposia on intelligent distributed surveillance systems (IDSS) and brings together the latest developments in the field.

Test-Driven Development in Microsoft .NET Springer Nature

The 48 refereed, original, unpublished papers describe research pertaining to real-time experimental and commercial systems that are parallel and/or distributed, their scientific and commercial applications, and theoretical foundations. The keynote speech is on Ada 95 for real-time, distribution, an *The Routledge Companion to Gender, Sex and Latin American Culture* Simon and Schuster

Immediately implementable code, with extensive and varied illustrations of graph variants and layouts. Examples and exercises across a variety of real-life contexts including business, politics, education, social media and crime investigation. Dedicated chapter on graph visualization methods. Practical walkthroughs of common methodological uses: finding influential actors in groups, discovering hidden community

structures, facilitating diverse interaction in organizations, detecting political alignment, determining what influences connection and attachment. Various downloadable data sets for use both in class and individual learning projects. Final chapter dedicated to individual or group project examples.

IT Convergence and Security 2012

Universitätsverlag Potsdam

This book presents a collection of high-quality, peer-reviewed research papers from the 7th International Conference on Information System Design and Intelligent Applications (India 2022), held at BVRIT Hyderabad College of Engineering for Women, Hyderabad, Telangana, India, from February 25 to 26, 2022. It covers a wide range of topics in computer science and information technology, including data mining and data warehousing, high-performance computing, parallel and distributed computing, computational intelligence, soft computing, big data, cloud computing, grid computing and cognitive computing.

Computer Vision, Pattern Recognition, Image Processing, and Graphics Springer Nature

Get a thorough introduction to ADO.NET Entity Framework 4 -- Microsoft's core framework for modeling and interacting with data in .NET applications. The second edition of this acclaimed guide provides a hands-on tour of the framework latest version in Visual Studio 2010 and .NET Framework 4. Not only will you learn how to use EF4 in a variety of applications, you'll also gain a deep understanding of its architecture and APIs. Written by Julia Lerman, the leading independent authority on the framework, *Programming Entity Framework* covers it all -- from the Entity Data Model and Object Services to WCF

Services, MVC Apps, and unit testing.

This book highlights important changes for experienced developers familiar with the earlier version. Understand the core concepts you need to make the best use of the EF4 in your applications Learn to query your data, using either LINQ to Entities or Entity SQL Create Windows Forms, WPF, ASP.NET Web Forms, and ASP.NET MVC applications Build and consume WCF Services, WCF Data Services, and WCF RIA Services Use Object Services to work directly with your entity objects Create persistent ignorant entities, repositories, and write unit tests Delve into model customization, relationship management, change tracking, data concurrency, and more Get scores of reusable examples -- written in C# (with notes on Visual Basic syntax) -- that you can implement right away

Official Gazette of the United States Patent and Trademark Office IGI

Global

Discover hundreds of tips and tricks you can use right away with your Android device to get more done, and have more fun. Easy to understand and non-technical, *Android Tips and Tricks* is perfect for beginners—and for more experienced users ready to get more productive or move to newer devices. You'll learn how to use your Android smartphone or tablet as a powerful communication, organization, and productivity tool as well as a feature-packed entertainment device. You will dig deep into the settings and capabilities of both Android itself and the preinstalled apps, developing the knowledge and skills to exploit them to the fullest.

The Politics of Serial Television Fiction Routledge

Written by a top team of industry

professionals, this must-have guide will introduce you to everything you'll need to know about MXF. The MXF Book introduces and explains the MXF standard and helps engineers write MXF applications. The book also explains the reasons behind many details of the specification documents.

Handbook of Graphs and Networks in People Analytics Pearson Education
In Imperiled Whiteness, Penelope Ingram examines the role played by media in the resurgence of white nationalism and neo-Nazi movements in the Obama-to-Trump era. As politicians on the right stoked anxieties about whites "losing ground" and "being left behind," media platforms turned whiteness into a commodity that was packaged and disseminated to a white populace. Reading popular film and television franchises (Planet of the Apes, Star Trek, and The Walking Dead) through political flashpoints, such as debates over immigration reform, gun control, and Black Lives Matter protests, Ingram reveals how media cultivated feelings of white vulnerability and loss among white consumers. By exploring the convergence of entertainment, news, and social media in a digital networked environment, Ingram demonstrates how media's renewed attention to "imperiled whiteness" enabled and sanctioned the return of overt white supremacy exhibited by alt-right groups in the "Unite the Right" rally in Charlottesville in 2017 and the Capitol riots in 2021.
Netflix's Chilling Adventures of Sabrina Butterworth-Heinemann
Hadoop: The Definitive Guide helps you harness the power of your data. Ideal for processing large datasets, the Apache Hadoop framework is an open source implementation of the MapReduce algorithm on which Google built its

empire. This comprehensive resource demonstrates how to use Hadoop to build reliable, scalable, distributed systems: programmers will find details for analyzing large datasets, and administrators will learn how to set up and run Hadoop clusters. Complete with case studies that illustrate how Hadoop solves specific problems, this book helps you: Use the Hadoop Distributed File System (HDFS) for storing large datasets, and run distributed computations over those datasets using MapReduce Become familiar with Hadoop's data and I/O building blocks for compression, data integrity, serialization, and persistence Discover common pitfalls and advanced features for writing real-world MapReduce programs Design, build, and administer a dedicated Hadoop cluster, or run Hadoop in the cloud Use Pig, a high-level query language for large-scale data processing Take advantage of HBase, Hadoop's database for structured and semi-structured data Learn ZooKeeper, a toolkit of coordination primitives for building distributed systems If you have lots of data -- whether it's gigabytes or petabytes -- Hadoop is the perfect solution. Hadoop: The Definitive Guide is the most thorough book available on the subject. "Now you have the opportunity to learn about Hadoop from a master-not only of the technology, but also of common sense and plain talk."-- Doug Cutting, Hadoop Founder, Yahoo!
Intelligent Distributed Video Surveillance Systems McFarland
This book presents interdisciplinary perspectives on Netflix's Chilling Adventures of Sabrina, situating the series within contemporary discourses of genre, form, historical place, ideology, and aesthetics. The essays in this collection argue that the series' unique

blend of horror, the Gothic, and melodrama offers a compelling approach to the coming-of-age narrative and makes CAoS a significant part of the teen television canon.

The Software Life Cycle Packt Publishing Ltd

In its evolution from graphic novels to a sprawling multimedia universe, the impact of The Walking Dead cannot be understated. Beyond its narrative roots, a passionate community of viewers use social media to delve deeper into the anxieties and social issues portrayed within the narrative universe. This book uses fan discussions on social media platforms to analyze the series' appeal and its ability to provoke discussions about survival, societal norms, and gender roles, leading to a significant online presence and discussions about the characters' actions and societal issues portrayed. Viewers perceive and champion unconventional actions, especially as the leading female characters defy traditional gender roles. With the introduction of more diversity, the progression of characters within The Walking Dead and its spinoffs continues to disrupt stereotypes. Focusing on analyzing audience engagement with AMC's The Walking Dead and its spinoffs through social media, this book highlights how fan-based interactions in creating a participatory culture around the series highlight societal issues presented, offering interpretations, theories and personal connections. By integrating fan commentary into the analysis, fans act as active collaborators in understanding the impact of The Walking Dead universe as a meaningful popular culture artifact.

Embodied Vulnerabilities in Literature and Film Rowman & Littlefield

The NAB Engineering Handbook provides detailed information on virtually every aspect of the broadcast chain, from news gathering, program production and postproduction through master control and distribution links to transmission, antennas, RF propagation, cable and satellite. Hot topics covered include HD Radio, HDTV, 2 GHz broadcast auxiliary services, EAS, workflow, metadata, digital asset management, advanced video and audio compression, audio and video over IP, and Internet broadcasting. A wide range of related topics that engineers and managers need to understand are also covered, including broadcast administration, FCC practices, technical standards, security, safety, disaster planning, facility planning, project management, and engineering management. Basic principles and the latest technologies and issues are all addressed by respected professionals with first-hand experience in the broadcast industry and manufacturing. This edition has been fully revised and updated, with 104 chapters and over 2000 pages. The Engineering Handbook provides the single most comprehensive and accessible resource available for engineers and others working in production, postproduction, networks, local stations, equipment manufacturing or any of the associated areas of radio and television.

"Whole House" Performance Criteria Framework and Its Application

ClydeBank Media LLC

Modern defence forces rely mainly on intelligent information systems and high technology armour. This volume reflects the latest trends in military information systems research by bringing together international contributions that span from communications technology, through intelligent agents and large-

scale modeling and simulation, to sociotechnical systems. Together, the articles represent a good cross section of contemporary information systems research. The book also shows the wealth of research on advanced information systems and on technologies developed for defence purposes. Some of the chapters may serve as a component of advanced defence training programs. They provide an important overview of crucial research, which has evolved over the last ten years.

Mastering ABP Framework "O'Reilly Media, Inc."

Atmospheric : MAXWrapper The Atmospheric class lets you set up volumetric rendering effects with MAXScript. You can create atmospherics like fire and fog, access various properties on them and maintain their list of gizmo nodes such as lights and atmospheric helpers. The classes derived directly from the Atmospheric class are described in Atmospheric Effect Types. The properties, operators, and methods that are common to all classes derived directly from the Atmospheric

class are described in Atmospheric Effects Common Properties, Operators, and Methods. The Atmospheric class is derived from the MAXWrapper class, and inherits the properties and methods defined for that class. These properties and methods are described in MAXWrapper Common Properties, Operators, and Methods. The topic Working with Atmospherics contains an example of adding Atmospheric Effects to the environment.

Intelligent System Design CRC Press

This book constitutes the refereed proceedings of the 22nd Asia Simulation Conference on Methods and Applications for Modeling and Simulation of Complex Systems, AsiaSim 2023, held in Langkawi, Malaysia, during October 25–26, 2023. The 77 full papers included in this book were carefully reviewed and selected from 164 submissions. They were organized in topical sections as follows: Modelling and Simulation, Artificial intelligence, Industry 4.0, Digital Twins Modelling, Simulation and Gaming, Simulation for Engineering, Simulation for Sustainable Development, Simulation in Social Sciences.