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(2021-02-10) (dsieur01)

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Scientists Planned to Release
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REALLY Come From?! Paul Wallis,
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The new Radicle Science-OBX alliance fills a need for rigorous scientific research in the cannabis industry and sets a new gold standard for CBD and minor cannabinoid product development.

Radicle Science, Open Book Extracts Team Up to Offer Multiphase Product Development Process

What has been done to date that illustrates the benefits of FAIR data implementation to enable Digital Transformation? What

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challenges need to be overcome to
effectively leverage FAIR data ...

ConTech Pharma 2021 announced –
Digital Transformation enabled by FAIR
data implementation

The new Radicle Science-OBX alliance
fills an unmet need for rigorous scientific
research in the cannabis industry and sets
a new gold standard for CBD and minor
cannabinoid produ ...

Radicle Science and Open Book Extracts
Announce New Alliance to Advance
Consumer Trust and CBD Industry
Validation

Massively Multiplayer Online Games
(MMOGames) meets Massively
Multiplayer Online Science (MMOS).
Sparks fly. Worlds are saved.

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Save the World with MMO Gaming? No, Really. Meet Massively Multiplayer Online Science.

Whether learning is in person, virtual, or a mix of both, here's a list of five resources parents and teachers can utilize this fall.

Back to school science resources for parents & teachers

Artificial intelligence (AI) could be the most transformative technology in the history of mankind—and we may not even see much of this sweeping change coming. That's because we often overestimate ...

How AI Will Completely Change the Way We Live in the Next 20 Years

Why then have only a smidge more than

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50% of eligible Americans been fully, and 64% partially, vaccinated since these vaccines were first authorized for emergency use nine months ago? Even more ...

Americans are inoculated against trust in government and science

Boris Johnson looks set on using our health data as a bargaining chip to keep his Brexit/US trade dream alive – but what does that mean for us?

What the Tories want to do with our health data, and why we need to stop them

Students and professionals who successfully complete Correlation One's Data Science for All / Empowerment program are now eligible for 16 college credits toward a degree in Data Analytics

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at Miami ...

Graduates of the DS4A / Empowerment Program Can Now Earn Credits Toward a Degree at Miami Dade College

The C-InT SBS Summit 2021 features live keynote events, prerecorded webcasts, articles, books, training aids and other open-source resources.

National Insider Threat Awareness Month: The Importance of Increased Cultural Intelligence

Science communicator Siouxsie Wiles is dedicated to informing the general public about the issues that matter. Earlier this year, she spoke about Covid-19, conspiracy theories and how being a goth

...

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Siouxsie Wiles on Covid-19, conspiracies and a life in science, at the 2021 NZ International Science Festival

Some essential workers in France are holding out against a law requiring coronavirus vaccination that took effect Wednesday. The European Union is creating a new agency to manage its pandemic response ...

Covid Live Updates: F.D.A. Publishes First Analysis of Pfizer Booster Shot Application

The story has a lot to recommend it: psychologist Dan Ariely, the author of a bestselling book on the behavioral science of dishonesty, retracts his study because the data was faked. No wonder it ...

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Exposure of faked dishonesty study makes me proud to be a behavioural scientist
A child receiving the Pfizer coronavirus vaccine in San Francisco last month. Credit... Mike Kai Chen for The New York Times The Pfizer-BioNTech coronavirus vaccine has been shown to be safe and highly ...

Covid Live Updates: Vaccine Uptake Among Young Children Looms as a Major Question

Facebook provided a data set to a consortium of social scientists last year that had serious errors, affecting the findings in an unknown number of academic papers, the company acknowledged Friday.

Facebook made big mistake in data it

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provided to researchers, undermining academic work

Sivan on Monday inaugurated a Lunar Science Workshop 2021, to commemorate the completion of two years of operation of Chandrayaan-2 spacecraft around the lunar orbit. Chandrayaan-2 data product ...

ISRO releases Chandrayaan-2 data as spacecraft completes two years in lunar orbit

Cancelling Christmas is “very much not the plan”, Boris Johnson has said, in the face of prospects of a turkey shortage and a spike in coronavirus cases during the festive season. The Prime Minister ...

Live Covid updates for Leeds as PM says cancelling Christmas again is 'very much not the plan'

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Welcome to The Spinoff's live updates for September 16, by Stewart Sowman-Lund. Help us keep you informed on Covid-19 – click here to learn how you can join The Spinoff Members. Get in touch at ...

Live updates, September 16: Delta outbreak grows by 13, mobile vaccine buses hit the road in Auckland
GOP governors threaten to sue after the president asks the labor department to implement a vaccine policy for large employers ...

This book is a practical guide to problems that commonly arise when developing a machine learning project. The book's topics are: Exploratory data analysis Data

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Preparation Selecting best variables
Assessing Model Performance More
information on predictive modeling will
be included soon. This book tries to
demonstrate what it says with short and
well-explained examples. This is valid for
both theoretical and practical aspects
(through comments in the code). This
book, as well as the development of a data
project, is not linear. The chapters are
related among them. For example, the
missing values chapter can lead to the
cardinality reduction in categorical
variables. Or you can read the data type
chapter and then change the way you deal
with missing values. You'll find
references to other websites so you can
expand your study, this book is just
another step in the learning journey. It's
open-source and can be found at
<http://livebook.datascienceheroes.com>

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Summary Introducing Data Science teaches you how to accomplish the fundamental tasks that occupy data scientists. Using the Python language and common Python libraries, you'll experience firsthand the challenges of dealing with data at scale and gain a solid foundation in data science. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Many companies need developers with data science skills to work on projects ranging from social media marketing to machine learning. Discovering what you need to learn to begin a career as a data scientist can seem bewildering. This book is designed to help you get started. About the Book Introducing Data Science Introducing Data Science explains vital data science concepts and teaches you how to accomplish the fundamental

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tasks that occupy data scientists. You'll explore data visualization, graph databases, the use of NoSQL, and the data science process. You'll use the Python language and common Python libraries as you experience firsthand the challenges of dealing with data at scale. Discover how Python allows you to gain insights from data sets so big that they need to be stored on multiple machines, or from data moving so quickly that no single machine can handle it. This book gives you hands-on experience with the most popular Python data science libraries, Scikit-learn and StatsModels. After reading this book, you'll have the solid foundation you need to start a career in data science. What's Inside Handling large data Introduction to machine learning Using Python to work with data Writing data science algorithms About the Reader This book assumes you're comfortable reading code in Python

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or a similar language, such as C, Ruby, or JavaScript. No prior experience with data science is required. About the Authors Davy Cielen, Arno D. B. Meysman, and Mohamed Ali are the founders and managing partners of Optimately and Maiton, where they focus on developing data science projects and solutions in various sectors. Table of Contents Data science in a big data world The data science process Machine learning Handling large data on a single computer First steps in big data Join the NoSQL movement The rise of graph databases Text mining and text analytics Data visualization to the end user

This invaluable addition to any data scientist's library shows you how to apply the R programming language and useful statistical techniques to everyday business situations as well as how to effectively

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present results to audiences of all levels. To answer the ever-increasing demand for machine learning and analysis, this new edition boasts additional R tools, modeling techniques, and more. *Practical Data Science with R, Second Edition* takes a practice-oriented approach to explaining basic principles in the ever-expanding field of data science. You'll jump right to real-world use cases as you apply the R programming language and statistical analysis techniques to carefully explained examples based in marketing, business intelligence, and decision support. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

Summary You are going to need more than technical knowledge to succeed as a data scientist. *Build a Career in Data Science* teaches you what school leaves

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out, from how to land your first job to the lifecycle of a data science project, and even how to become a manager. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology What are the keys to a data scientist's long-term success? Blending your technical know-how with the right "soft skills" turns out to be a central ingredient of a rewarding career. About the book *Build a Career in Data Science* is your guide to landing your first data science job and developing into a valued senior employee. By following clear and simple instructions, you'll learn to craft an amazing resume and ace your interviews. In this demanding, rapidly changing field, it can be challenging to keep projects on track, adapt to company needs, and manage tricky stakeholders. You'll love the insights on how to handle

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expectations, deal with failures, and plan your career path in the stories from seasoned data scientists included in the book. What's inside

Creating a portfolio of data science projects
Assessing and negotiating an offer
Leaving gracefully and moving up the ladder
Interviews with professional data scientists
About the reader
For readers who want to begin or advance a data science career. About the author
Emily Robinson is a data scientist at Warby Parker. Jacqueline Nolis is a data science consultant and mentor.

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6. The application: Résumés and cover letters
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Learn data science with Python by building five real-world projects! In Data Science Bookcamp you'll test and build your knowledge of Python and learn to handle the kind of open-ended problems that professional data scientists work on daily. Learn data science with Python by building five real-world projects! In Data Science Bookcamp you'll test and build your knowledge of Python and learn to

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handle the kind of open-ended problems that professional data scientists work on daily. Data Science Bookcamp is a comprehensive set of challenging projects carefully designed to grow your data science skills from novice to master.

Veteran data scientist Leonard Apeltsin sets five increasingly difficult exercises that test your abilities against the kind of problems you'd encounter in the real world. As you solve each challenge, you'll acquire and expand the data science and Python skills you'll use as a professional data scientist. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

This book is a practical guide to problems that commonly arise when developing a machine learning project. The book's topics are: Exploratory data analysis Data

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Preparation Selecting best variables
Assessing Model Performance More
information on predictive modeling will
be included soon. This book tries to
demonstrate what it says with short and
well-explained examples. This is valid for
both theoretical and practical aspects
(through comments in the code). This
book, as well as the development of a data
project, is not linear. The chapters are
related among them. For example, the
missing values chapter can lead to the
cardinality reduction in categorical
variables. Or you can read the data type
chapter and then change the way you deal
with missing values. You'll find
references to other websites so you can
expand your study, this book is just
another step in the learning journey. It's
open-source and can be found at
<http://livebook.datascienceheroes.com>

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Summary Think Like a Data Scientist presents a step-by-step approach to data science, combining analytic, programming, and business perspectives into easy-to-digest techniques and thought processes for solving real world data-centric problems. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Data collected from customers, scientific measurements, IoT sensors, and so on is valuable only if you understand it. Data scientists revel in the interesting and rewarding challenge of observing, exploring, analyzing, and interpreting this data. Getting started with data science means more than mastering analytic tools and techniques, however; the real magic happens when you begin to think like a data scientist. This book will get you there. About the Book Think Like a Data

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Scientist teaches you a step-by-step approach to solving real-world data-centric problems. By breaking down carefully crafted examples, you'll learn to combine analytic, programming, and business perspectives into a repeatable process for extracting real knowledge from data. As you read, you'll discover (or remember) valuable statistical techniques and explore powerful data science software. More importantly, you'll put this knowledge together using a structured process for data science. When you've finished, you'll have a strong foundation for a lifetime of data science learning and practice. What's Inside The data science process, step-by-step How to anticipate problems Dealing with uncertainty Best practices in software and scientific thinking About the Reader Readers need beginner programming skills and knowledge of basic statistics. About the

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Author Brian Godsey has worked in software, academia, finance, and defense and has launched several data-centric start-ups. Table of Contents

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PART 3 - FINISHING OFF THE PRODUCT AND WRAPPING UP

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After product delivery: problems and revisions
Wrapping up: putting the project away

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Introduction to Data Science: Data Analysis and Prediction Algorithms with R introduces concepts and skills that can help you tackle real-world data analysis challenges. It covers concepts from probability, statistical inference, linear regression, and machine learning. It also helps you develop skills such as R programming, data wrangling, data visualization, predictive algorithm building, file organization with UNIX/Linux shell, version control with Git and GitHub, and reproducible document preparation. This book is a textbook for a first course in data science. No previous knowledge of R is necessary, although some experience with programming may be helpful. The book is divided into six parts: R, data visualization, statistics with R, data wrangling, machine learning, and

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productivity tools. Each part has several chapters meant to be presented as one lecture. The author uses motivating case studies that realistically mimic a data scientist's experience. He starts by asking specific questions and answers these through data analysis so concepts are learned as a means to answering the questions. Examples of the case studies included are: US murder rates by state, self-reported student heights, trends in world health and economics, the impact of vaccines on infectious disease rates, the financial crisis of 2007-2008, election forecasting, building a baseball team, image processing of hand-written digits, and movie recommendation systems. The statistical concepts used to answer the case study questions are only briefly introduced, so complementing with a probability and statistics textbook is highly recommended for in-depth

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understanding of these concepts. If you read and understand the chapters and complete the exercises, you will be prepared to learn the more advanced concepts and skills needed to become an expert.

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. In this book, 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

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answers to questions no one's even thought to ask. This book provides you with the know-how to dig those answers out. Get a crash course in Python Learn the basics of linear algebra, statistics, and probability—and understand how and when they're used in data science Collect, explore, clean, munge, and manipulate data Dive into the fundamentals of machine learning Implement models such as k-nearest Neighbors, Naive Bayes, linear and logistic regression, decision trees, neural networks, and clustering Explore recommender systems, natural language processing, network analysis, MapReduce, and databases

An introductory textbook offering a low barrier entry to data science; the hands-on approach will appeal to students from a range of disciplines.

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