Twitter Thread by Avi Kumar Talaviya

Avi Kumar Talaviya
@avikumart_

10 FREE online textbooks for data science you must own to excel in solving data problems■■
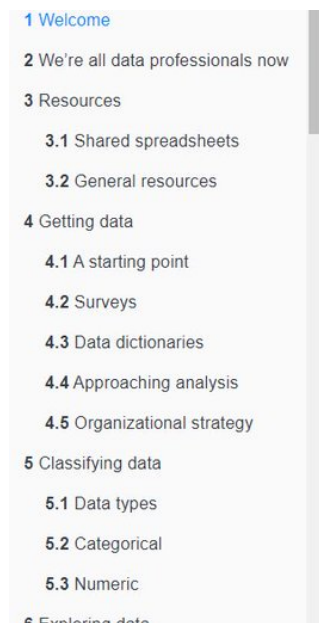
A ■↓

1. 66 Days of Data literacy

Authored by: Alex Chisholm
Textbook courtesy: @DataKwery
■ https://t.co/bE24DIgkeu

2. A Beginners guide to clean data

Authored by: Benjamin Greve
Textbook courtesy: @DataKwery
■ https://t.co/UhUCoEEGVz

A Beginner's Guide to Clean Data

Practical advice to spot and avoid data quality problems. - Benjamin Greve

This is a free version of my book "A Beginner's Guide to Clean Data: Practical advice to spot and avoid data quality problems". If you like the content, feel free to buy this book on Amazon and/or leave a positive review there.

Summary

This book will help you to become a better data scientist by showing you the things that can go wrong when working with data - particularly low-quality data. A key difference between a junior and a senior data scientist is the awareness of potential pitfalls. The experienced data scientist will expect them, navigate around them and avoid costly iteration cycles. After reading this book, you will be able to spot data quality problems and deal with them before they can break your work, saving yourself a lot of time.

In the past six years of working in data science, I have made all the mistakes described in this book. Every time, it cost me hours, sometimes days to figure out what the problem was and to fix it. This type of iterative work is what data scientists mean when they talk about how they spend most of their time on data preparation. Yet, for some reason, the art of preparing data and ensuring a sufficiently high level of quality is largely ignored by textbooks, university programs, online courses and industry conferences. That's why I felt the need to write this book and share some of my experiences. It is the hands-on advice that I myself wish I had when I started my career as a data

3. Introduction to Business Analytics

Authored by: Adam Fleischhacker
Textbook courtesy: @DataKwery
■ https://t.co/9L6NhGBuZU

4. AI and machine learning for Finance

Authored by: Michela Cameletti
Textbook courtesy: @DataKwery
■ https://t.co/ujE0Ivbf4s

AI and Machine Learning For Finance 2021/22

Michela Cameletti

2022-05-14

Chapter 1   Welcome! :)

You are reading the lecture notes of the R lectures for the **AI and Machine Learning for Finance**

5. An introduction to statistical learning

Authored by: Gareth James, Daniela Witten, Trevor Hastie, and Rob Tibshirani
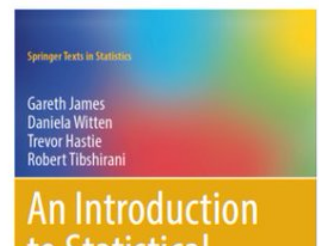Textbook courtesy: @DataKwery
■ https://t.co/9K5Bll91HT

An Introduction to Statistical Learning

Download the Second Edition

Winner of the 2014 Eric Ziegel award from Technometrics.

As the scale and scope of data collection continue to increase across virtually all fields, statistical learning has become a critical toolkit for anyone who wishes to understand data. *An Introduction to Statistical Learning* provides a broad and less technical treatment of key topics in statistical learning. Each chapter includes an R lab. This book is appropriate for anyone who wishes to use contemporary tools for data analysis.

Springer Texts in Statistics

Gareth James
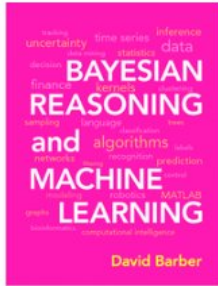Daniela Witten
Trevor Hastie
Robert Tibshirani

An Introduction
to Statistical

6. Bayesian reading and Machine learning

Authored by: David Barber
Textbook courtesy: @DataKwery
■ https://t.co/ORh9GEthj0

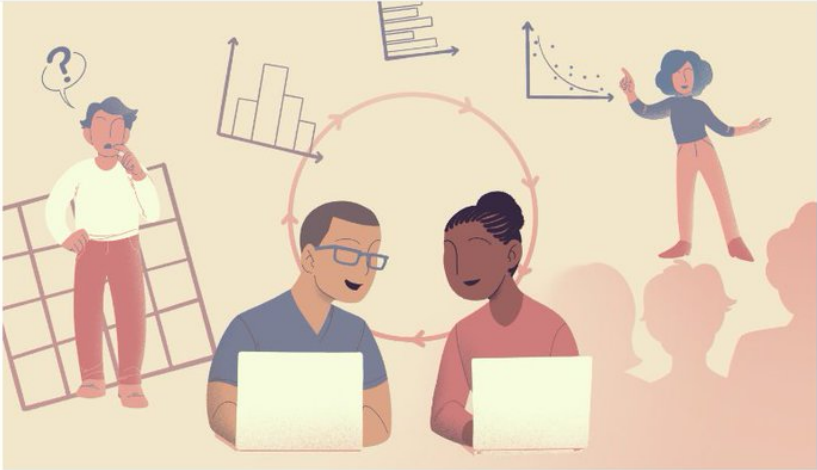## 7. Data science: First introduction

Authored by: Tiffany Timbers, Trevor Campbell, and Melissa Lee
Textbook courtesy: @DataKwery
■ https://t.co/RdCrywxE7D

8. Python Data Science Handbook

Authored by: Jake VanderPlas
Textbook courtesy: @DataKwery
■ https://t.co/J7kwmsLZF4

Python Data Science Handbook

Jake VanderPlas

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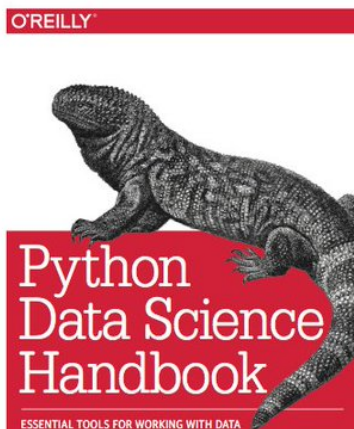
9. Hands-On Data Visualization

Authored by: Ilya Ilyankou, Jack Dougherty
Textbook courtesy: @DataKwery
■ https://t.co/nrP7SRW9TP

Hands-On Data Visualization
by Jack Dougherty & Ilya Ilyankou

Preface

Audience and Overview

Authors & Acknowledgements

Our Open-Access Web Edition: W...

Introduction: Why Data Visualization?

1 Choose Tools to Tell Your Story

2 Strengthen Your Spreadsheet Skills

3 Find and Question Your Data

4 Clean Up Messy Data

5 Make Meaningful Comparisons

6 Chart Your Data

7 Map Your Data

8 Table Your Data

9 Embed On the Web

10 Edit and Host Code with GitHub

11 Chart.js and Highcharts Templates

Hands-On Data Visualization

Interactive Storytelling from Spreadsheets to Code

Jack Dougherty

Ilya Ilyankou

2022-07-26

Preface

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Hands-On
Data Visualization
Interactive Storytelling
from Spreadsheets
to Code

10. Deep learning with Python

Authored by: François Chollet
Textbook courtesy: @DataKwery
■ https://t.co/tCBm9k00Ve

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> Bridges the gap between the hype and a functioning deep-learning system.
>
> Peter Rabinovitch, Akamai

> The best resource for becoming a master of Keras and deep learning.
>
> Claudio Rodriguez, Cox Media Group

You can read the unrolled version of this thread here: https://t.co/WGVYIMWDsv

End of this thread!∎

If you've found it informative then do like, RT/QT first tweet, and comment what you think on this∎

And Don't forget to follow me at @avikumart_ for more such threads in data science and ML!∎
https://t.co/nMpdtqNXpK

10 FREE online textbooks for data science you must own to excel in solving data problems\U0001f4c8\U0001f680

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— Avi Kumar Talaviya (@avikumart_) August 2, 2022

I BIG shoutout to @DataKwery for providing these valuable resources in one place to help the data science community grow!∎

Are you looking for the latest courses and resources in data science? then do not forget to sign up to stay updated!∎

∎https://t.co/Szdwdp2Mlx

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