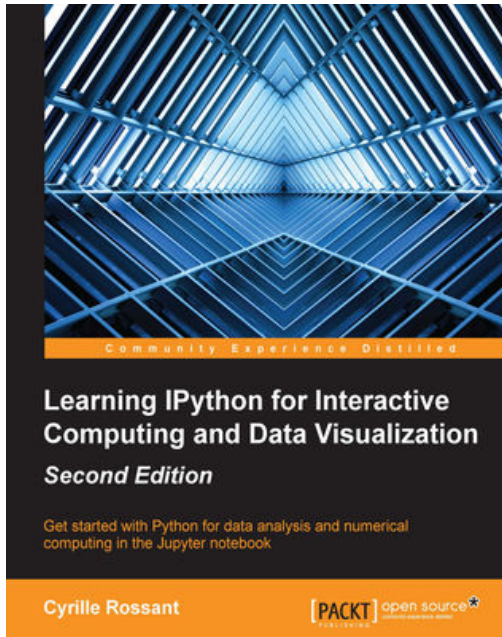


Télécharger Livres Gratuit Learning IPython for Interactive Computing and Data Visualization - Second Edition (PDF | ePub | Mobi) Cyrille Rossant download-free



Get started with Python for data analysis and numerical computing in the Jupyter notebook

About This Book

Learn the basics of Python in the Jupyter Notebook. Analyze and visualize data with pandas, NumPy, matplotlib, and seaborn. Perform highly-efficient numerical computations with Numba, Cython, and ipyparallel.

Who This Book Is For

This book targets students, teachers, researchers, engineers, analysts, journalists, hobbyists, and all data enthusiasts who are interested in analyzing and visualizing real-world datasets. If you are new to programming and data analysis, this book is exactly for you. If you're already familiar with another language or analysis software, you will also

appreciate this introduction to the Python data analysis platform. Finally, there are more technical topics for advanced readers. No prior experience is required; this book contains everything you need to know.

What You Will Learn

Install Anaconda and code in Python in the Jupyter Notebook. Load and explore datasets interactively. Perform complex data manipulations effectively with pandas. Create engaging data visualizations with matplotlib and seaborn. Simulate mathematical models with NumPy. Visualize and process images interactively in the Jupyter Notebook with scikit-image. Accelerate your code with Numba, Cython, and IPython.parallel. Extend the Notebook interface with HTML, JavaScript, and D3.

In Detail

Python is a user-friendly and powerful programming language. IPython offers a convenient interface to the language and its analysis libraries, while the Jupyter Notebook is a rich environment well-adapted to data science and visualization. Together, these open source tools are widely used by beginners and experts around the world, and in a huge variety of fields and endeavors.

This book is a beginner-friendly guide to the Python data analysis platform. After an introduction to the Python language, IPython, and the Jupyter Notebook, you will learn how to analyze and visualize data on real-world examples, how to create graphical user interfaces for image processing in the Notebook, and how to perform fast numerical computations for scientific simulations with NumPy, Numba, Cython, and ipyparallel. By the end of this book, you will be able to perform in-depth analyses of all sorts of data.

Style and approach

This is a hands-on beginner-friendly guide to analyze and visualize data on real-world examples with Python and the Jupyter Notebook.

Title : Learning IPython for Interactive Computing and Data Visualization - Second Edition

Author : Cyrille Rossant

:

:

:

:

:

File Size : 6.53MB

[Télécharger Livres Gratuit Learning IPython for Interactive Computing and Data Visualization - Second Edition \(PDF | ePub | Mobi\) Cyrille Rossant download-free](#)

Télécharger Livres Gratuit Learning IPython for Interactive Computing and Data Visualization - Second Edition (PDF | ePub | Mobi) Cyrille Rossant download-free

[Télécharger Livres Gratuit Learning IPython for Interactive Computing and Data Visualization - Second Edition \(PDF | ePub | Mobi\) Cyrille Rossant download-free](#)

LEARNING IPYTHON FOR INTERACTIVE COMPUTING AND DATA VISUALIZATION - SECOND EDITION PDF - Are you looking for eBook Learning IPython for Interactive Computing and Data Visualization - Second Edition PDF? You will be glad to know that right now Learning IPython for Interactive Computing and Data Visualization - Second Edition PDF is available on our online library. With our online resources, you can find Learning IPython for Interactive Computing and Data Visualization - Second Edition or just about any type of ebooks, for any type of product.

Best of all, they are entirely free to find, use and download, so there is no cost or stress at all. Learning IPython for Interactive Computing and Data Visualization - Second Edition PDF may not make exciting reading, but Learning IPython for Interactive Computing and Data Visualization - Second Edition is packed with valuable instructions, information and warnings. We also have many ebooks and user guide is also related with Learning IPython for Interactive Computing and Data Visualization - Second Edition PDF and many other ebooks.

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with Learning IPython for Interactive Computing and Data Visualization - Second Edition PDF. To get started finding Learning IPython for Interactive Computing and Data Visualization - Second Edition, you are right to find our website which has a comprehensive collection of manuals listed.

Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Applied Numerical Methods With Matlab Solution Manual 3rd Edition PDF. So depending on what exactly you are searching, you will be able to choose ebooks to suit your own needs.

Here is the access Download Page of LEARNING IPYTHON FOR INTERACTIVE COMPUTING AND DATA VISUALIZATION - SECOND EDITION PDF, click this link to download or read online:

[Télécharger Livres Gratuit Learning IPython for Interactive Computing and Data Visualization - Second Edition \(PDF | ePub | Mobi\) Cyrille Rossant download-free](#)

1000 livres les plus vendus [GRATUIT]