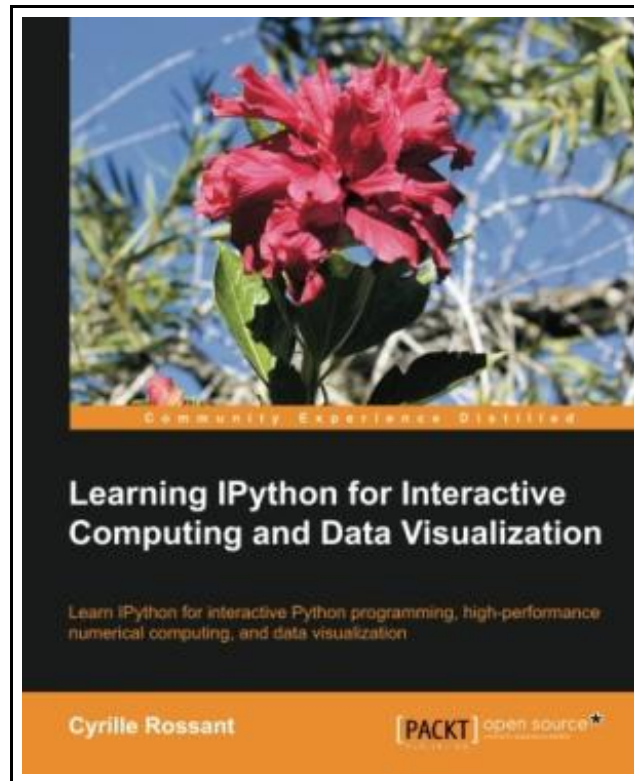


Learning IPython for Interactive Computing and Data Visualization



Filesize: 7.24 MB

Reviews

This pdf is really gripping and interesting. We have go through and that i am confident that i will planning to read yet again once again later on. You wont feel monotony at at any time of your time (that's what catalogs are for relating to in the event you question me).
(Miss Madisyn Gulowski)

LEARNING IPYTHON FOR INTERACTIVE COMPUTING AND DATA VISUALIZATION

[DOWNLOAD](#)

Packt Publishing. Paperback. Book Condition: New. Paperback. 138 pages. Dimensions: 9.2in. x 7.5in. x 0.4in. Learn IPython for interactive Python programming, high-performance numerical computing, and data visualization Overview A practical step-by-step tutorial which will help you to replace the Python console with the powerful IPython command-line interface Use the IPython notebook to modernize the way you interact with Python Perform highly efficient computations with NumPy and Pandas Optimize your code using parallel computing and Cython In Detail You already use Python as a scripting language, but did you know it is also increasingly used for scientific computing and data analysis Interactive programming is essential in such exploratory tasks and IPython is the perfect tool for that. Once you've learnt it, you won't be able to live without it. Learning IPython for Interactive Computing and Data Visualization is a practical, hands-on, example-driven tutorial to considerably improve your productivity during interactive Python sessions, and shows you how to effectively use IPython for interactive computing and data analysis. This book covers all aspects of IPython, from the highly powerful interactive Python console to the numerical and visualization features that are commonly associated with IPython. You will learn how IPython lets you perform efficient vectorized computations, through examples covering numerical simulations with NumPy, data analysis with Pandas, and visualization with Matplotlib. You will also discover how IPython can be conveniently used to optimize your code using parallel computing and dynamic compilation in C with Cython. Learning IPython for Interactive Computing and Data Visualization will allow you to optimize your productivity in interactive Python sessions. What you will learn from this book Debug your code from the IPython console Benchmark and profile your code from IPython Perform efficient vectorized computations with NumPy Analyze data tables with Pandas Create visualizations with Matplotlib Parallelize your code easily with...

[Read Learning IPython for Interactive Computing and Data Visualization Online](#)[Download PDF Learning IPython for Interactive Computing and Data Visualization](#)

Other eBooks



Scala in Depth

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in.Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By...

[Save Document »](#)



Silverlight 5 in Action

Manning Publications. Paperback. Book Condition: New. Paperback. 1000 pages. Dimensions: 9.2in. x 7.3in. x 2.0in.Summary A thorough revision of the bestselling Silverlight 4 in Action. This comprehensive guide teaches Silverlight from the ground up, covering...

[Save Document »](#)



Good Night, Zombie Scary Tales

Feiwei & Friends. Paperback. Book Condition: New. Iacopo Bruno (illustrator). Paperback. 112 pages. Dimensions: 8.2in. x 5.4in. x 0.2in.Welcome. Have a seat. Ignore the shambling undead outside. Let us tell you a story. But be...

[Save Document »](#)



The Poems and Prose of Ernest Dowson

Book Jungle. Paperback. Book Condition: New. Paperback. 200 pages. Dimensions: 9.2in. x 7.5in. x 0.5in.The Poems and Prose of Ernest Dowson The Project Gutenberg EBook of The Poems And Prose Of Ernest Dowson by Ernest...

[Save Document »](#)



Early National City CA Images of America

Arcadia Publishing. Paperback. Book Condition: New. Paperback. 128 pages. Dimensions: 9.1in. x 6.4in. x 0.4in.Below the surface of bustling National City lies the story of olive and citrus orchards, grand Victorian homes, great wealth, and...

[Save Document »](#)

**Mother Stories**

Bluewater Publications, United States, 2010. Paperback. Book Condition: New. Sarah Noble-Ives (illustrator). 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand *****.I have endeavored to write, for mothers and dear

[Save ePub »](#)

**The Mystery of the Crystal Castle Bavaria, Germany Around the World in 80 Mysteries**

Gallopade International. Paperback. Book Condition: New. Paperback. 133 pages. Dimensions: 7.4in. x 5.2in. x 0.6in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

[Save ePub »](#)

**Patterns and Sequence Stick Kids Workbook, Grade K Stick Kids Workbooks**

Creative Teaching Press. Paperback. Book Condition: New. Paperback. 56 pages. Dimensions: 8.8in. x 6.4in. x 0.2in. Knowledge of patterns enables us to make predictions and solve problems. Noticing patterns in nature and in home routines and

[Save ePub »](#)

**DK Readers Plants Bite Back Level 3 Reading Alone**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 9.0in. x 5.8in. x 0.2in. With Eyewitness Readers, children will learn to read --then read to learn! There are plants that prickle, sting, or even munch

[Save ePub »](#)

**Scholastic Discover More My Body**

Scholastic Reference. Hardcover. Book Condition: New. Hardcover. 32 pages. Dimensions: 9.1in. x 7.7in. x 0.6in. Scholastic Discover More is a revolutionary new nonfiction line pairing stunning print books with corresponding interactive digital books that extend the

[Save ePub »](#)