



# Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython

By Wes McKinney

 Download

 Read Online

## Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney

Looking for complete instructions on manipulating, processing, cleaning, and crunching structured data in Python? The second edition of this hands-on guide—updated for Python 3.6 and the latest versions of NumPy, IPython, Jupyter, and pandas in 2017—is packed with practical cases studies that show you how to effectively solve a broad set of data analysis problems using Python.

Written by Wes McKinney, the main author of the pandas library, Python for Data Analysis also serves as a practical, modern introduction to scientific computing in Python for data-intensive applications. It's ideal for analysts new to Python and for Python programmers new to scientific computing.

- Use the IPython shell and Jupyter notebook for exploratory computing
- Learn basic and advanced NumPy (Numerical Python) features
- Get started with data analysis tools in the pandas library
- Use flexible tools to load, clean, transform, merge, and reshape data
- Create informative visualizations with matplotlib
- Apply the pandas groupby facility to slice, dice, and summarize datasets
- Analyze and manipulate regular and irregular time series data
- Learn how to solve real-world data analysis problems in thorough, detailed examples

 [Download Python for Data Analysis: Data Wrangling with Pand ...pdf](#)

 [Read Online Python for Data Analysis: Data Wrangling with Pa ...pdf](#)

# Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython

*By Wes McKinney*

**Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython** By Wes McKinney

Looking for complete instructions on manipulating, processing, cleaning, and crunching structured data in Python? The second edition of this hands-on guide—updated for Python 3.6 and the latest versions of NumPy, IPython, Jupyter, and pandas in 2017—is packed with practical cases studies that show you how to effectively solve a broad set of data analysis problems using Python.

Written by Wes McKinney, the main author of the pandas library, Python for Data Analysis also serves as a practical, modern introduction to scientific computing in Python for data-intensive applications. It's ideal for analysts new to Python and for Python programmers new to scientific computing.

- Use the IPython shell and Jupyter notebook for exploratory computing
- Learn basic and advanced NumPy (Numerical Python) features
- Get started with data analysis tools in the pandas library
- Use flexible tools to load, clean, transform, merge, and reshape data
- Create informative visualizations with matplotlib
- Apply the pandas groupby facility to slice, dice, and summarize datasets
- Analyze and manipulate regular and irregular time series data
- Learn how to solve real-world data analysis problems in thorough, detailed examples

## **Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython** By Wes McKinney **Bibliography**

- Rank: #55433 in Books
- Published on: 2017-10-21
- Original language: English
- Dimensions: 9.84" h x .59" w x 5.91" l,
- Binding: Paperback
- 522 pages

 [Download Python for Data Analysis: Data Wrangling with Pand ...pdf](#)

 [Read Online Python for Data Analysis: Data Wrangling with Pa ...pdf](#)

## Download and Read Free Online Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney

---

### Editorial Review

#### About the Author

Wes McKinney is the main author of pandas, the popular open source Python library for data analysis. Wes is an active speaker and participant in the Python and open source communities. He worked as a quantitative analyst at AQR Capital Management and Python consultant before founding DataPad, a data analytics company, in 2013. He graduated from MIT with an S.B. in Mathematics.

### Users Review

#### From reader reviews:

##### Jo Daigneault:

Do you have favorite book? For those who have, what is your favorite's book? Guide is very important thing for us to find out everything in the world. Each reserve has different aim or even goal; it means that book has different type. Some people feel enjoy to spend their time to read a book. They are really reading whatever they acquire because their hobby is definitely reading a book. Why not the person who don't like reading a book? Sometime, person feel need book if they found difficult problem or exercise. Well, probably you should have this Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython.

##### Joseph Lunsford:

What do you think of book? It is just for students because they are still students or the item for all people in the world, exactly what the best subject for that? Just you can be answered for that query above. Every person has diverse personality and hobby for each other. Don't to be pressured someone or something that they don't want do that. You must know how great in addition to important the book Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython. All type of book can you see on many resources. You can look for the internet solutions or other social media.

##### Brenda Seddon:

The book untitled Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython contain a lot of information on the item. The writer explains her idea with easy method. The language is very easy to understand all the people, so do definitely not worry, you can easy to read it. The book was authored by famous author. The author will bring you in the new age of literary works. You can read this book because you can read on your smart phone, or program, so you can read the book throughout anywhere and anytime. In a situation you wish to purchase the e-book, you can open their official web-site along with order it. Have a nice study.

**Clement Williams:**

A lot of reserve has printed but it differs. You can get it by internet on social media. You can choose the very best book for you, science, comedian, novel, or whatever through searching from it. It is called of book Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython. You can contribute your knowledge by it. Without departing the printed book, it could add your knowledge and make you happier to read. It is most significant that, you must aware about reserve. It can bring you from one destination to other place.

**Download and Read Online Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney #4EOJF0369SA**

## **Read Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney for online ebook**

Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney books to read online.

### **Online Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney ebook PDF download**

**Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney Doc**

**Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney Mobipocket**

**Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython By Wes McKinney EPub**