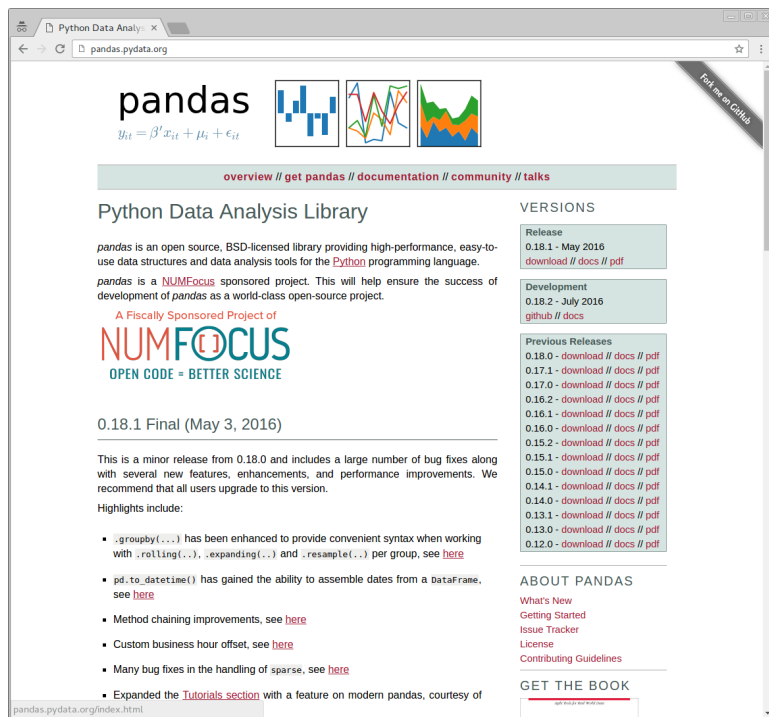


Pandas

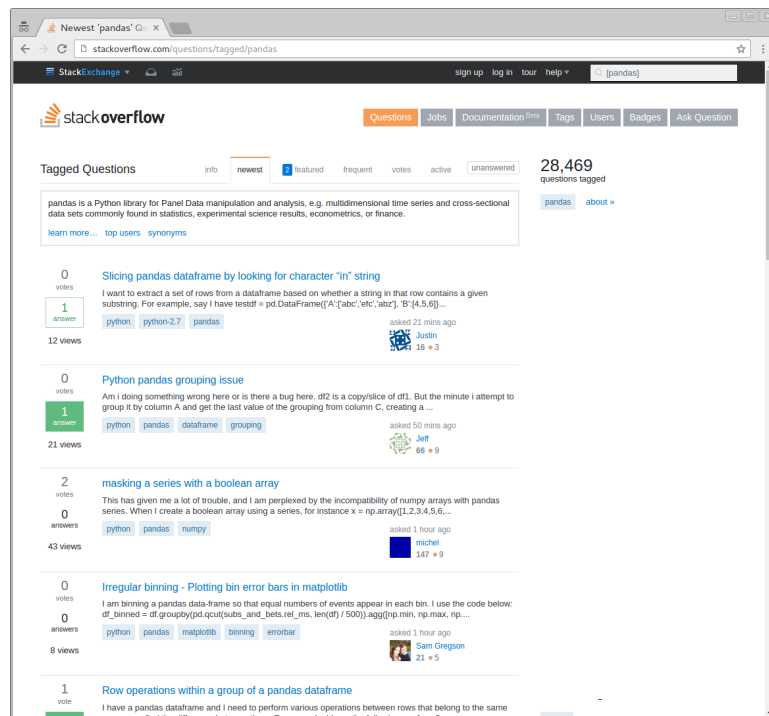


The screenshot shows the Pandas website with the following content:

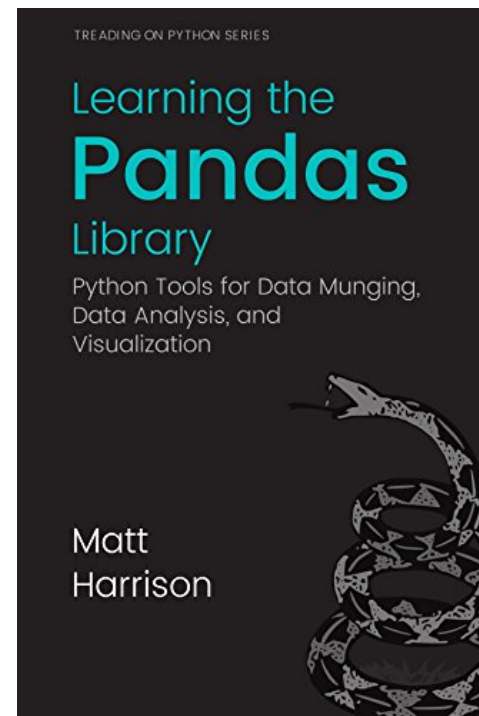
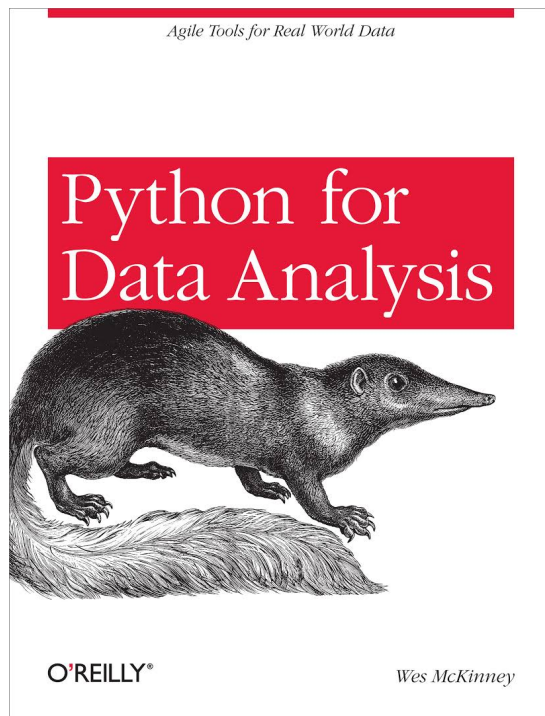
- Header:** "pandas" logo, a linear regression equation $y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$, and three charts (bar, line, area).
- Navigation:** "overview // get pandas // documentation // community // talks".
- Section:** "Python Data Analysis Library".
- Text:** "pandas is an open source, BSD-licensed library providing high-performance, easy-to-use data structures and data analysis tools for the Python programming language. pandas is a NUMFOCUS sponsored project. This will help ensure the success of development of pandas as a world-class open-source project. A Fiscally Sponsored Project of".
- NUMFOCUS Logo:** "NUMFOCUS OPEN CODE = BETTER SCIENCE".
- Version:** "0.18.1 Final (May 3, 2016)".
- Text:** "This is a minor release from 0.18.0 and includes a large number of bug fixes along with several new features, enhancements, and performance improvements. We recommend that all users upgrade to this version. Highlights include:"
- List of Highlights:**
 - `.groupby(...)` has been enhanced to provide convenient syntax when working with `.rolling(...)`, `.expanding(...)` and `.resample(...)` per group, see [here](#)
 - `pd.to_datetime()` has gained the ability to assemble dates from a DataFrame, see [here](#)
 - Method chaining improvements, see [here](#)
 - Custom business hour offset, see [here](#)
 - Many bug fixes in the handling of sparse, see [here](#)
 - Expanded the [Tutorials section](#) with a feature on modern pandas, courtesy of
- Right Sidebar:**
 - VERSIONS:**
 - Release:** "0.18.1 - May 2016", with links "download // docs // pdf".
 - Development:** "0.18.2 - July 2016", with link "github // docs".
 - Previous Releases:** List of versions from 0.18.0 down to 0.12.0, each with links "download // docs // pdf".
 - ABOUT PANDAS:** "What's New", "Getting Started", "Issue Tracker", "License", "Contributing Guidelines".
 - GET THE BOOK:** "Get the book".

- Created in 2008 by Wes McKinney
- Open source New BSD license
- 100 different contributors

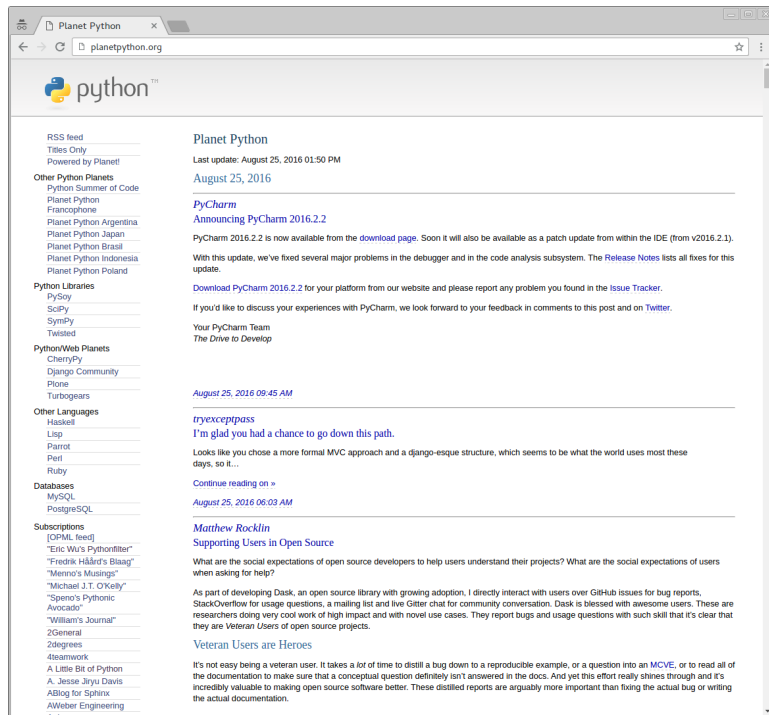
Stack Overflow



- <http://stackoverflow.com>
- Massive knowledge forum of python and pandas related content
- Free to join and participate in
- Heavily used by pandas developers instead of a mailing list

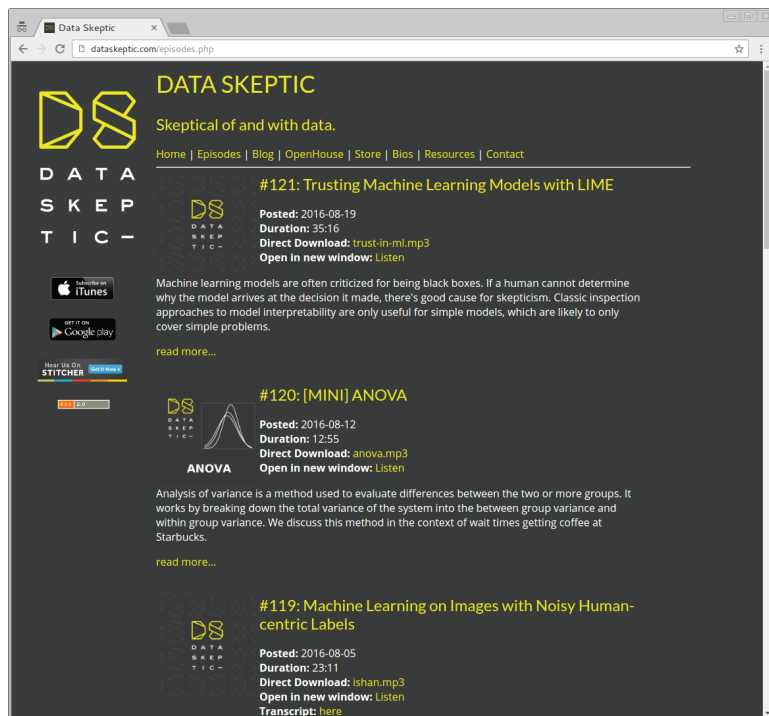


Planet Python



- <http://planetpython.org/>
- Excellent blog aggregator for python related news
- Significant number of data science and python tutorials are posted
- Great blend of applied beginner and higher level python postings

Data Skeptic Podcast



- <http://dataskeptic.com/>
- Kyle Polich, created in 2014
- Covers data science more generally, including:
 - *Mini educational lessons*
 - *Interviews*
 - *Trends*
 - *Shared community project (OpenHouse)*

The Series

Animals		← Name
0	Dog	← Values
1	Bear	
2	Tiger	
3	Moose	
4	Giraffe	
5	Hippopotamus	
6	Mouse	

Index →

The DataFrame

















W All-time Olympic Games x

← → https://en.wikipedia.org/wiki/All-time_Olympic_Games_medal_table ☆

Čeština
Dansk
Deutsch
Español
Esperanto
فارسی
Français
한국어
Hrvatski
Bahasa Indonesia
Italiano
עברית
Latviešu
Magyar
Македонски
मराठी
Nederlands
日本語
Norsk bokmål
Occitan
ਪੰਜਾਬੀ
Polski
Português
Română
Русский
Српски / srpski
Suomi
Svenska
Tagalog
ไทย
Türkçe
Українська

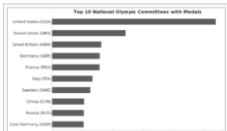
NOCs with medals [\[edit \]](#)

The table is pre-sorted by the name of each Olympic Committee, but can be displayed as sorted by any other column, such as the total number of [gold medals](#) or total number of overall medals. To sort by gold, silver, and then bronze, sort first by the bronze column, then the silver, and then the gold. The table does not include the medals revoked (e.g., due to [doping](#), etc.). Medal totals in this table are current as of the [2014 Winter Olympics](#) in Sochi, and all [changes in medal standings](#) due to doping cases up to and including 10 November 2015 are taken into account.

Team (IOC code) ↕	№ Summer	1	2	3	Total	№ Winter	1	2	3	Total	№ Games	1	2	3	Combined total
 Afghanistan (AFG)	13	0	0	2	2	0	0	0	0	0	13	0	0	2	2
 Algeria (ALG)	12	5	2	8	15	3	0	0	0	0	15	5	2	8	15
 Argentina (ARG)	23	18	24	28	70	18	0	0	0	0	41	18	24	28	70
 Armenia (ARM)	5	1	2	9	12	6	0	0	0	0	11	1	2	9	12
 Australia (ANZ) [ANZ]	2	3	4	5	12	0	0	0	0	0	2	3	4	5	12
 Australia (AUS) [AUS] [Z]	25	139	152	177	468	18	5	3	4	12	43	144	155	181	480
 Austria (AUT)	26	18	33	35	86	22	59	78	81	218	48	77	111	116	304
 Azerbaijan (AZE)	5	6	5	15	26	5	0	0	0	0	10	6	5	15	26
 Bahamas (BAH)	15	5	2	5	12	0	0	0	0	0	15	5	2	5	12
 Bahrain (BRN)	8	0	0	1	1	0	0	0	0	0	8	0	0	1	1
 Barbados (BAR) [BAR]	11	0	0	1	1	0	0	0	0	0	11	0	0	1	1
 Belarus (BLR)	5	12	24	39	75	6	6	4	5	15	11	18	28	44	90
 Belgium (BEL)	25	37	52	53	142	20	1	1	3	5	45	38	53	56	147
 Bermuda (BER)	17	0	0	1	1	7	0	0	0	0	24	0	0	1	1

The silver medal was awarded to the winner of each event during the [1896 Summer Olympics](#). The current system of gold, silver, and bronze medals was not implemented until the 1912 Olympic Games

Top 10 National Olympic Committees with medals



df			Boolean mask			result			
	Animals	Owners					Animals	Owners	
0	Dog	Chris	+	True	True	=	0	Dog	Chris
1	Bear	Kevyn		True	True		1	Bear	Kevyn
2	Tiger	Bob		False	False		3	Moose	Vinod
3	Moose	Vinod		True	True				
4	Giraffe	Daniel		False	False				
5	Hippo	Fil		False	False				
6	Mouse	Stephanie		False	False				