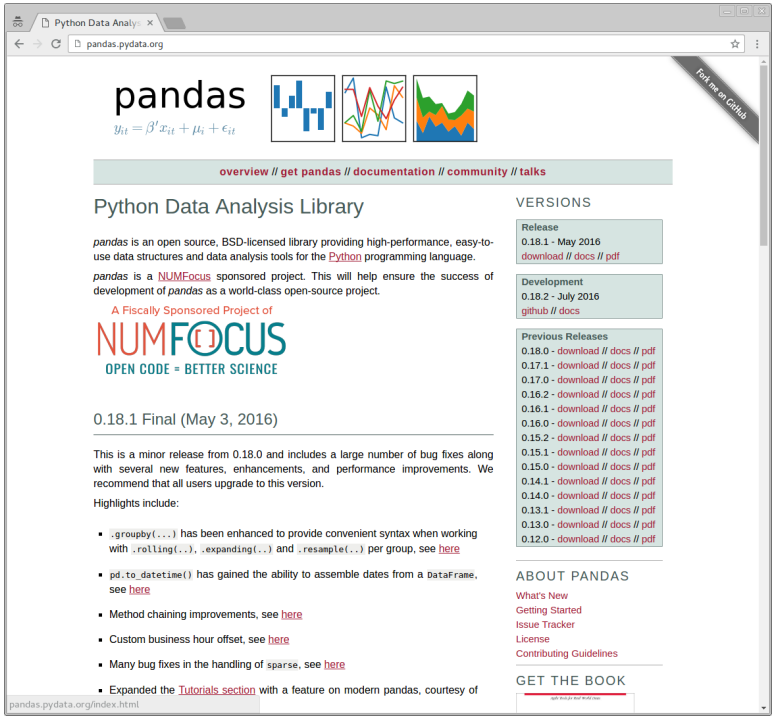
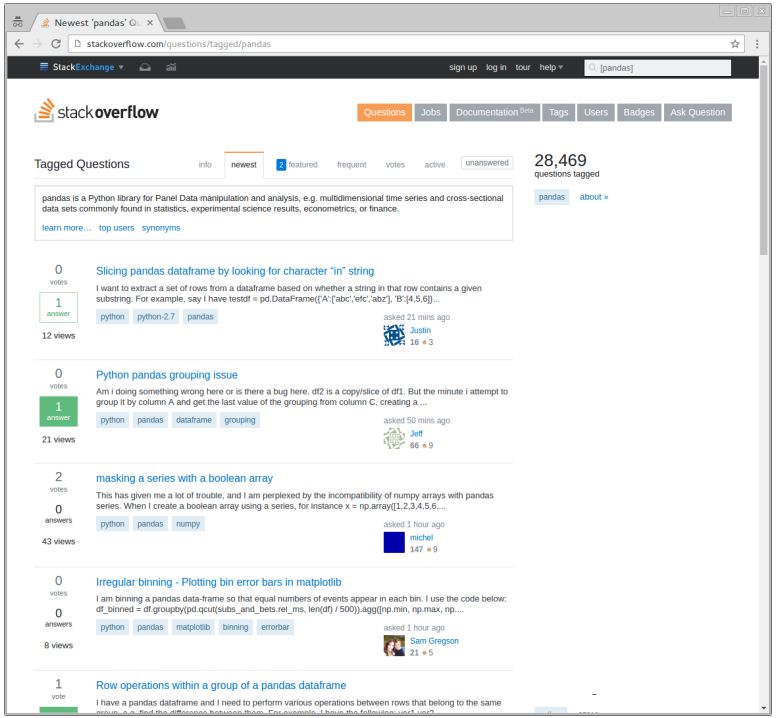
Pandas

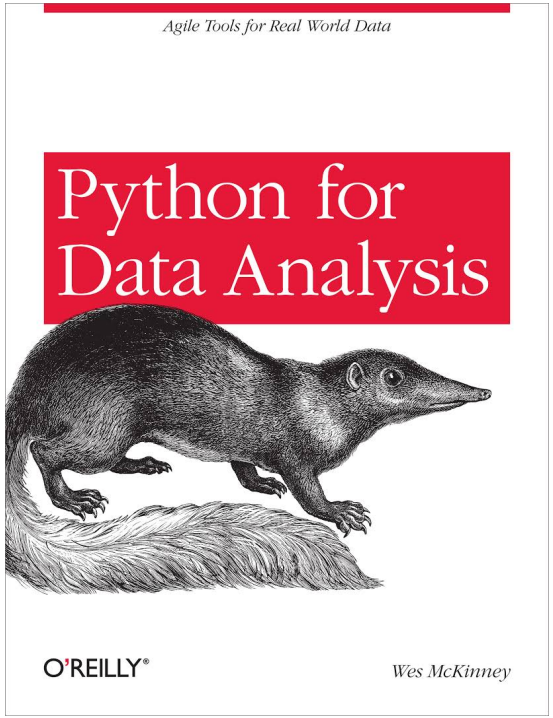


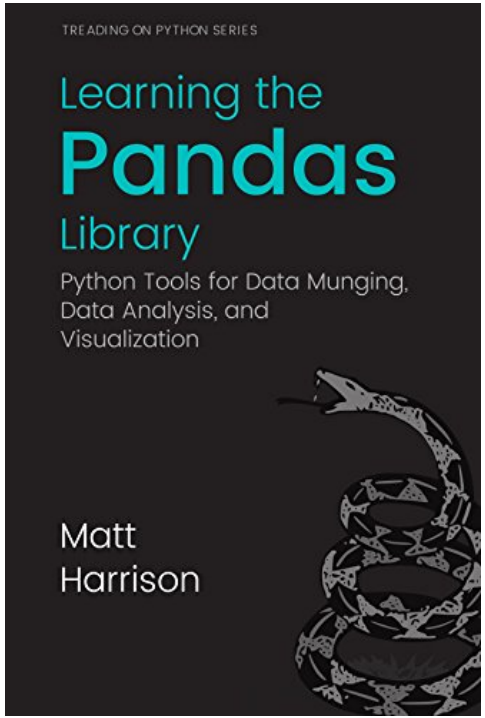
- Created in 2008 by Wes McKinney
- Open source New BSD license
- 100 different contributors

Stack Overflow

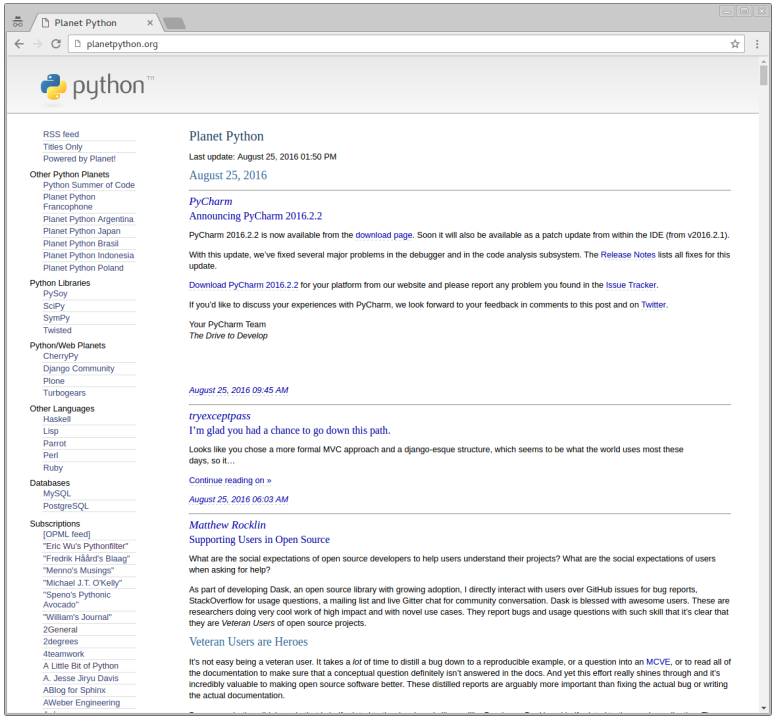


- http://stackoverflow.com
- Massive knowledge forum of python and pandas related content
- Free to join and participate in
- Heavily used by pandas developers instead of a mailing list


Agile Tools for Real World Data
Python for Data Analysis
O'REILLY
Wes McKinney

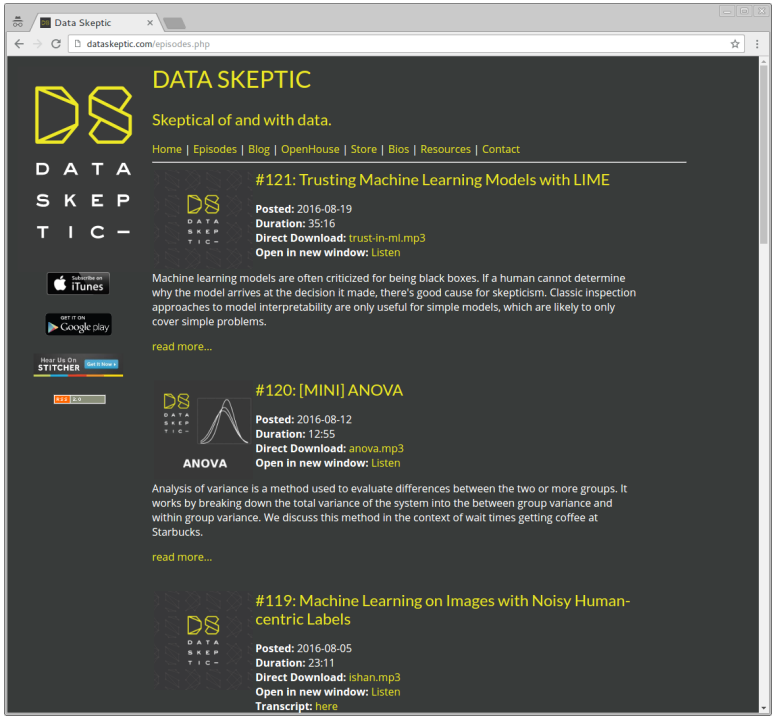

TREADING ON PYTHON SERIES
Learning the
Pandas
Library
Python Tools for Data Munging, Data Analysis, and Visualization
Matt
Harrison

Planet Python



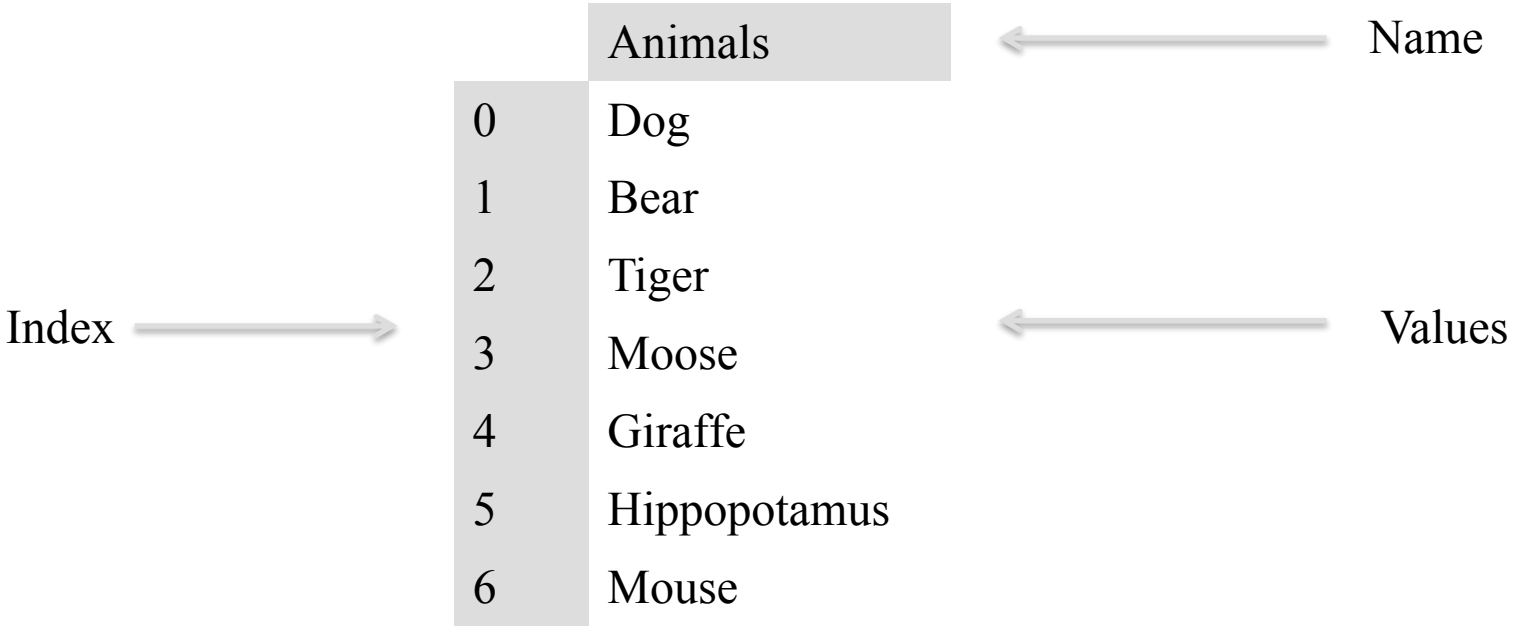
- http://planetpython.org/
- Excellent blog aggregator for python related news
- Significant number of data science and python tutorials are posted
- Great blend of applied beginner and higher level python postings

Data Skeptic Podcast

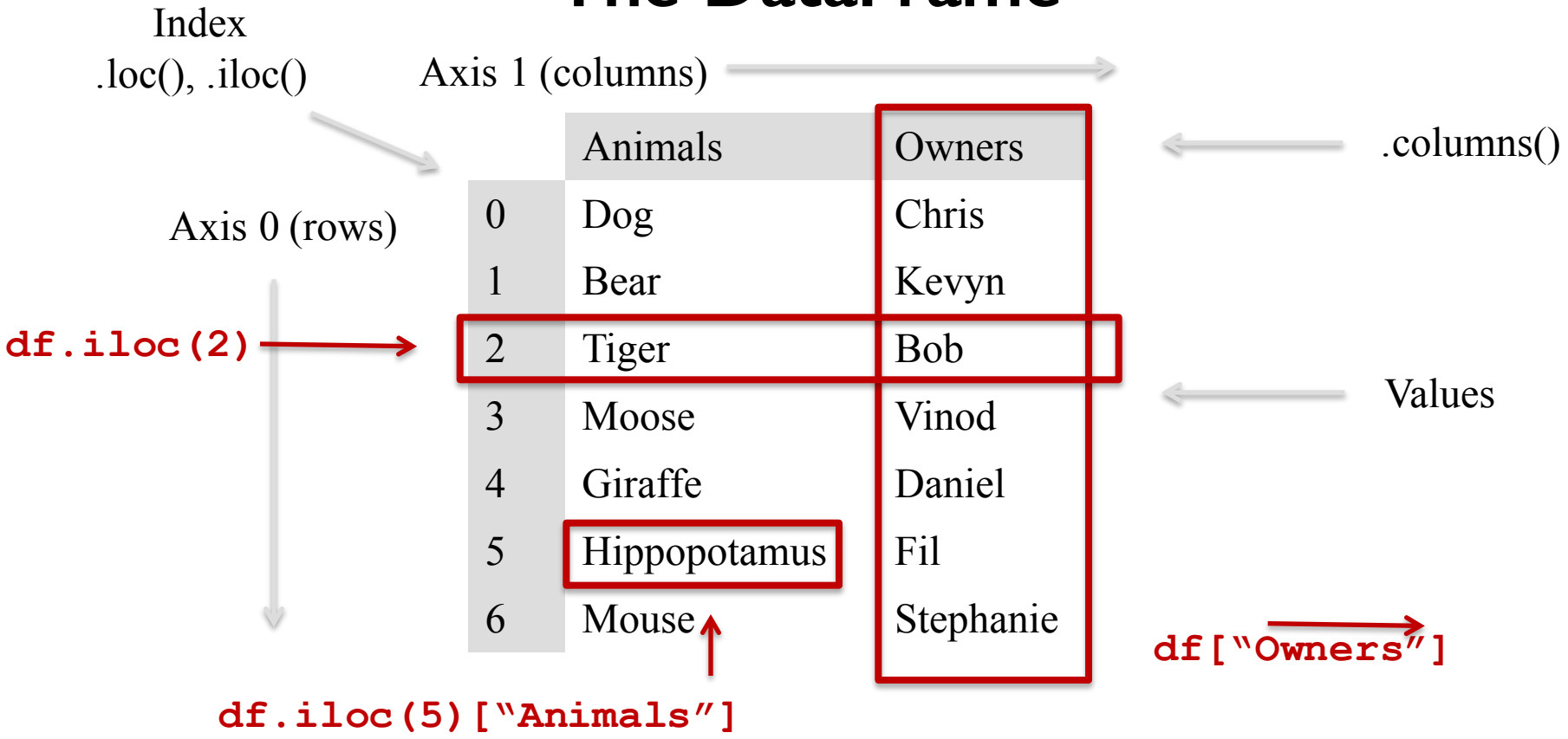


- http://dataskeptic.com/
- Kyle Polich, created in 2014
- Covers data science more generally, including:
  - *Mini educational lessons*
  - *Interviews*
  - *Trends*
  - *Shared community project (OpenHouse)*

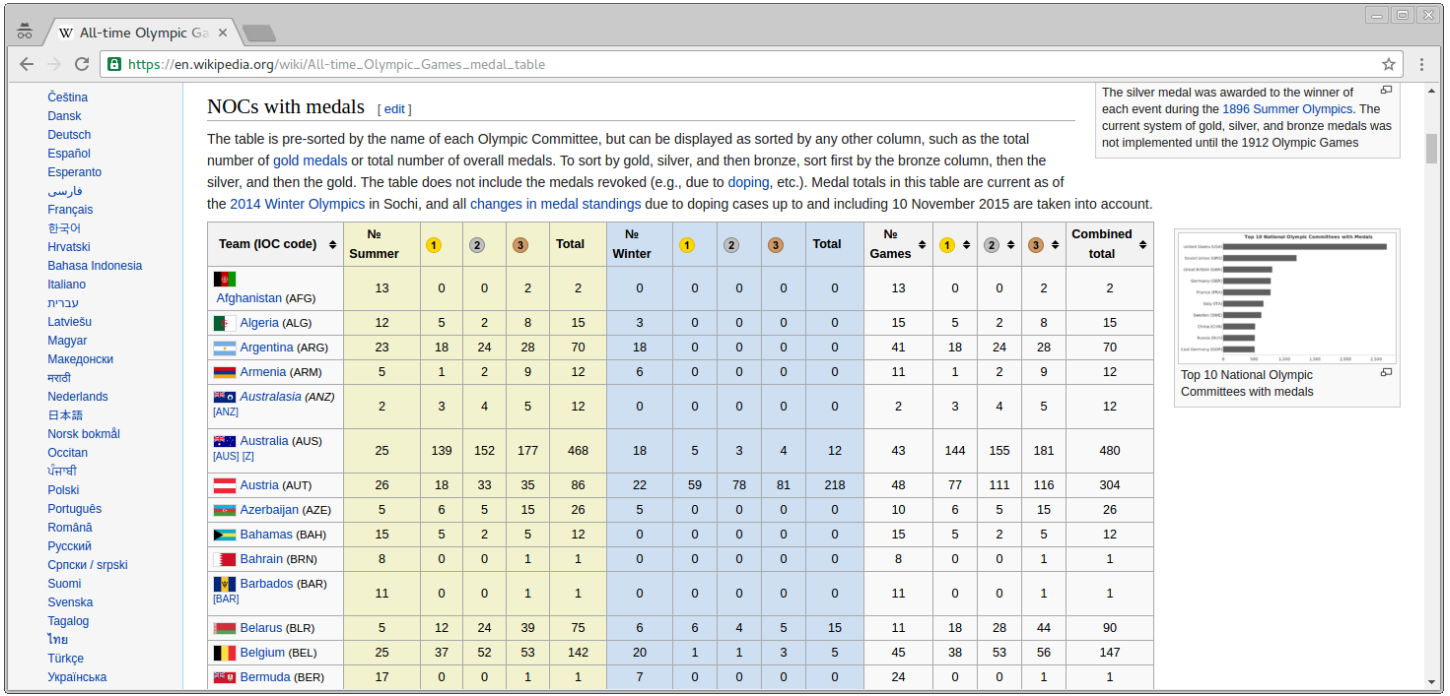
The Series


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

The DataFrame



	Animals	Owners
0	Dog	Chris
1	Bear	Kevyn
2	Tiger	Bob
3	Moose	Vinod
4	Giraffe	Daniel
5	Hippopotamus	Fil
6	Mouse	Stephanie



All-time Olympic Ga

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.

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

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
Australasia (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

Top 10 National Olympic Committees with medals

df

	Animals	Owners
0	Dog	Chris
1	Bear	Kevyn
2	Tiger	Bob
3	Moose	Vinod
4	Giraffe	Daniel
5	Hippo	Fil
6	Mouse	Stephanie

+

Boolean mask

True	True
True	True
False	False
True	True
False	False
False	False
False	False

=

result

	Animals	Owners
0	Dog	Chris
1	Bear	Kevyn
3	Moose	Vinod