



17th May, 2018

Welcome from: Miquel Perelló-Nieto,
Frank Kelly and John Sandall

What is PyData?

- Educational program of **NUMFOCUS** (a non-profit organization)
- Share ideas about **data analysis** tools
- **Community-driven** conference (novice to advance)

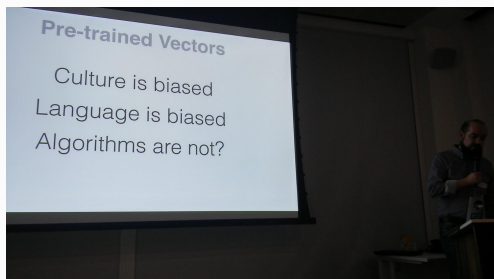
Frequent Topics

- Machine Learning
- Artificial Intelligence
- Predictive Modelling
- Data Mining
- Natural Language Processing
- Probabilistic Programming

PyData Bristol 1st Meetup

Great venue and format.

Really enjoyed it. Good talks.



Brilliant!

Excellent event, thanks for organising.



News



Numfocus: Jupyter receives prestigious ACM award

We are proud to announce that the 15 members of the Steering Council of Project Jupyter have been awarded the **2017 ACM Software System Award**.

Prior recipients of the award include Unix, TeX, S (R's predecessor), the Web, Mosaic, Java, and INGRES (modern databases). Jupyter is the largest team ever to receive this award.

Learn more on the blog:

<https://www.numfocus.org/blog/jupyter-2017-acm-software-system-award>

<https://blog.jupyter.org/jupyter-receives-the-acm-software-system-award-d433b0dfe3a2>

PyData London Conference 2018

500 attendees, a [packed schedule](#), 4 keynote talks, sprints and hack sessions.

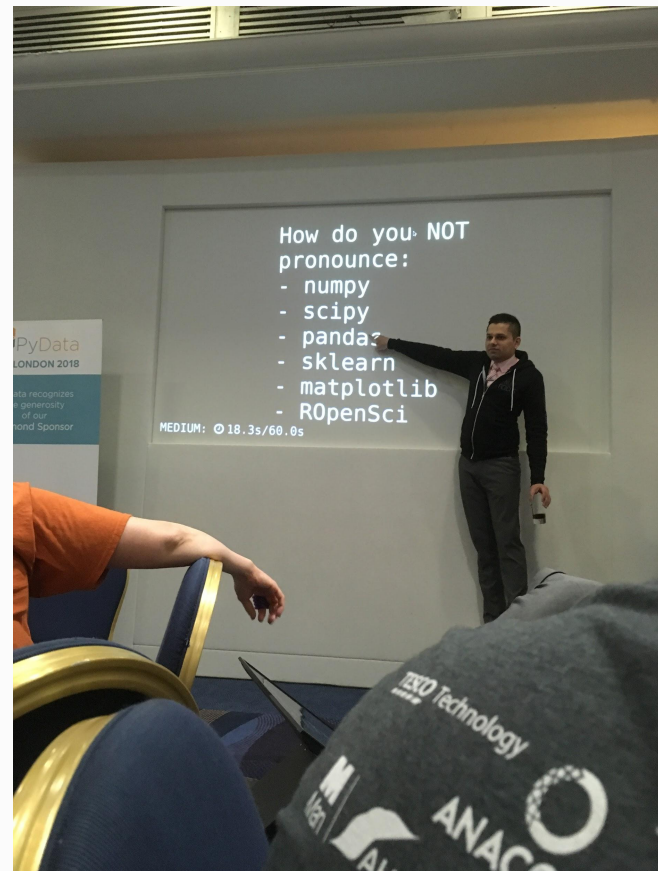


See the talks on YouTube -->

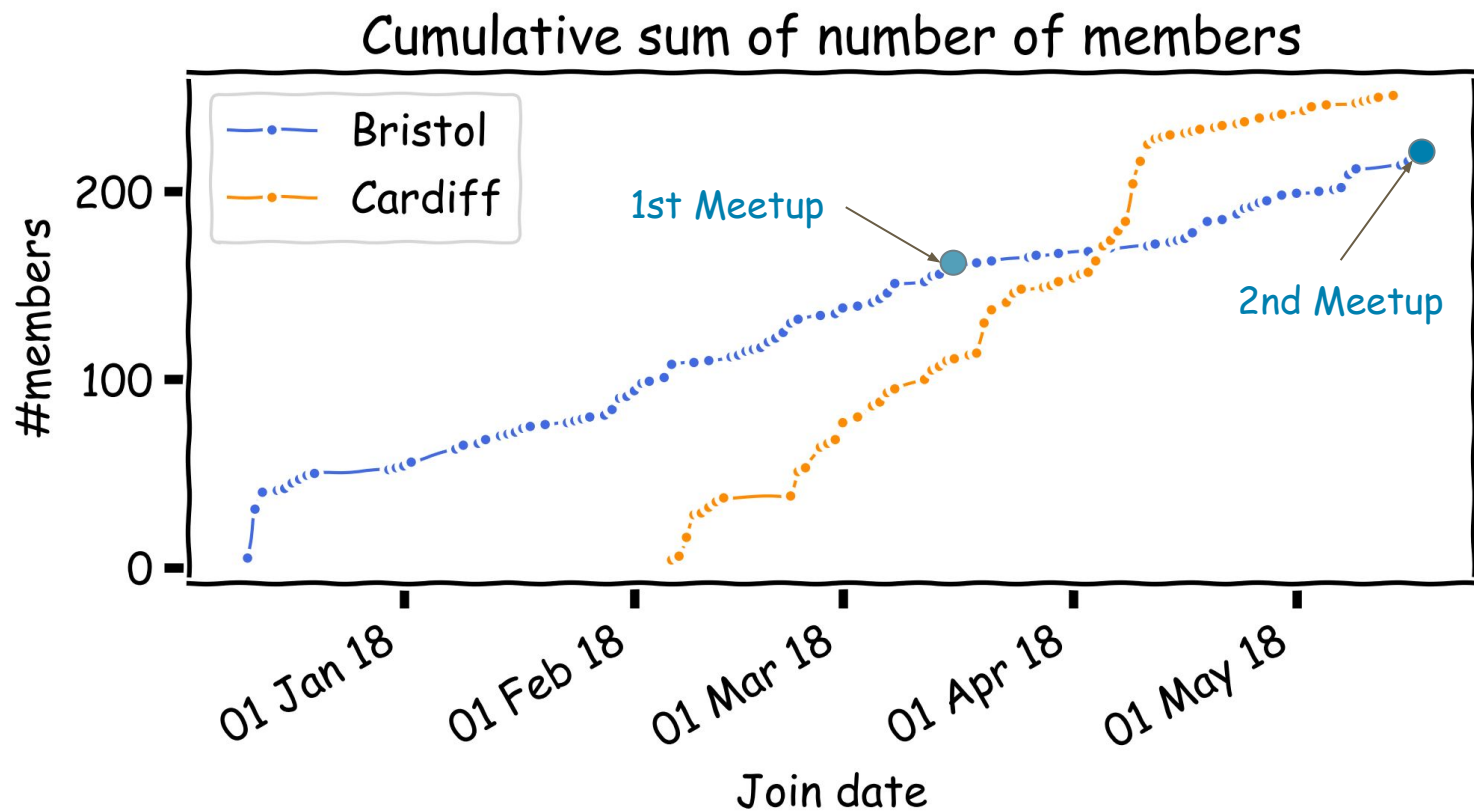


PyData

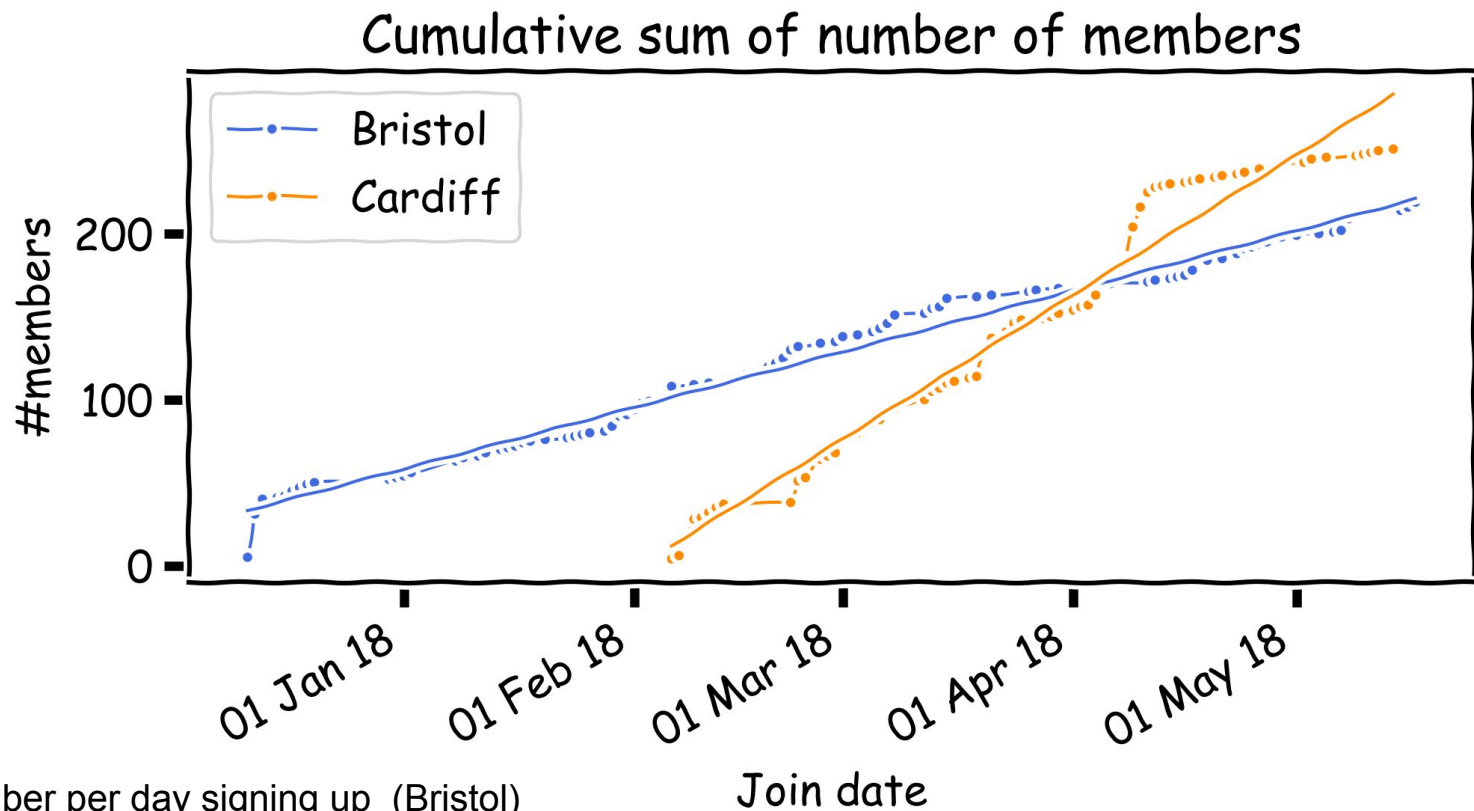
47,178 subscribers



PyData Bristol (and Cardiff) members



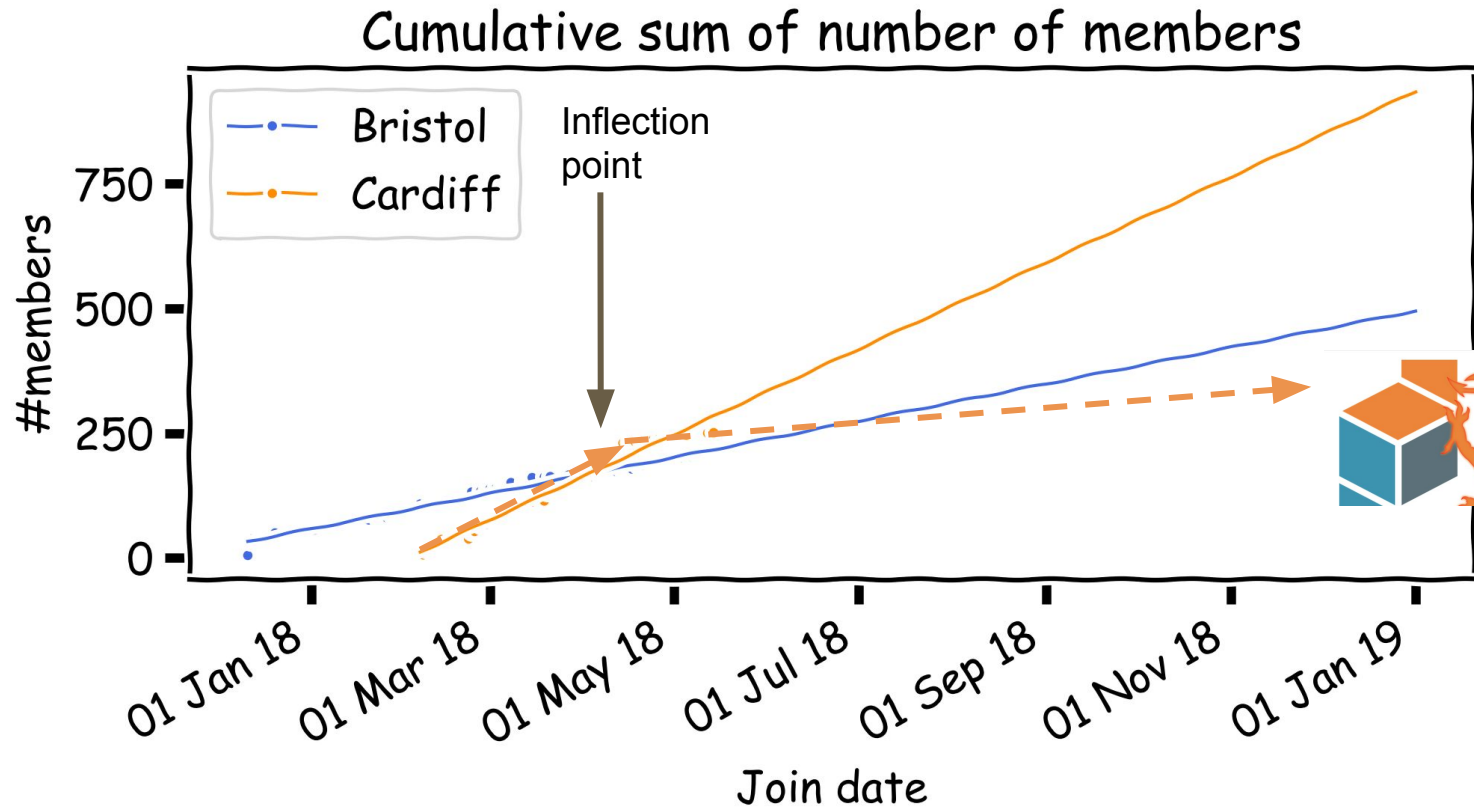
PyData Bristol members lin. regression



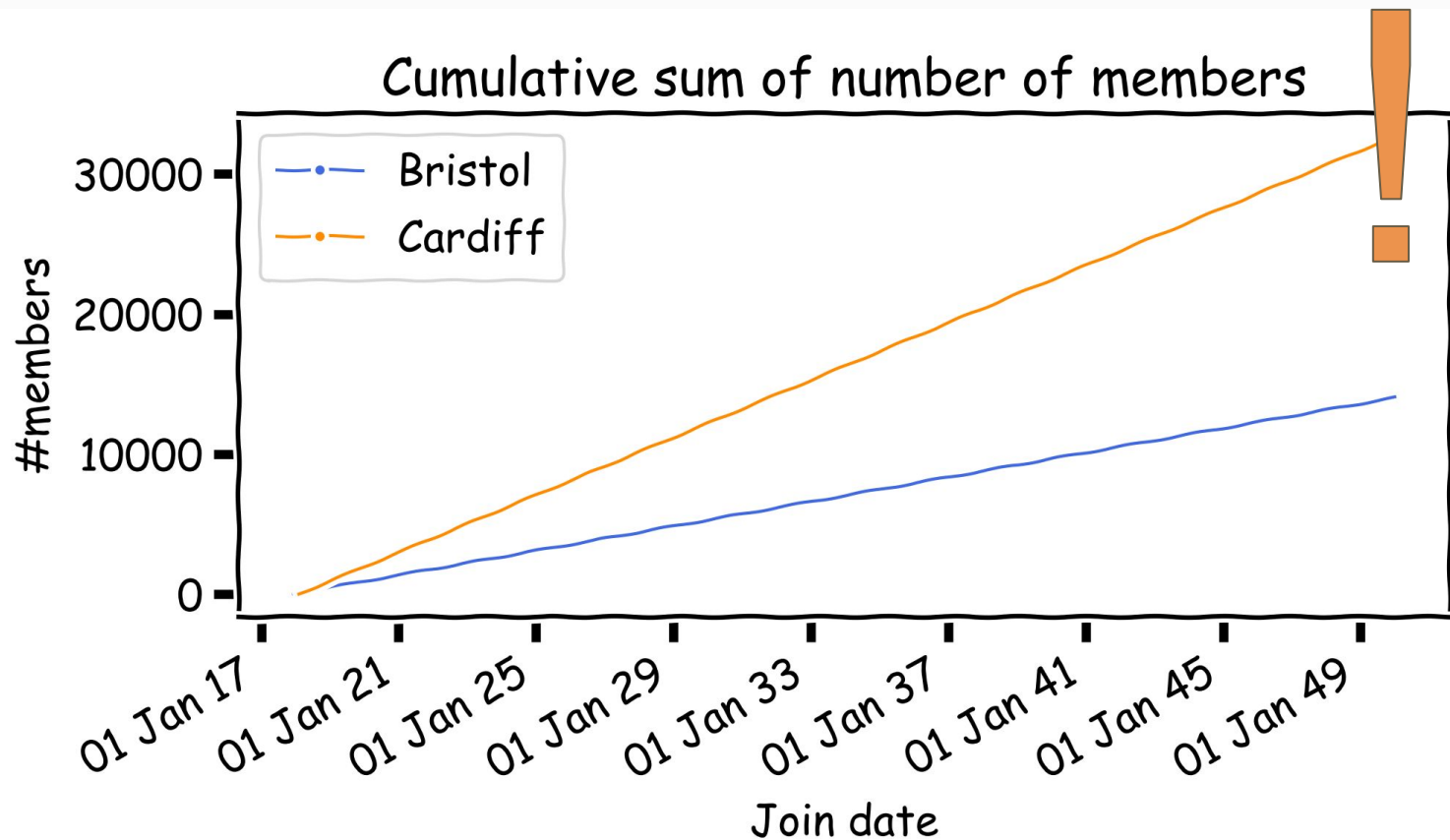
~ 1 member per day signing up (Bristol)

~ 1.5 members per day (Cardiff)

PyData Bristol members in 2019



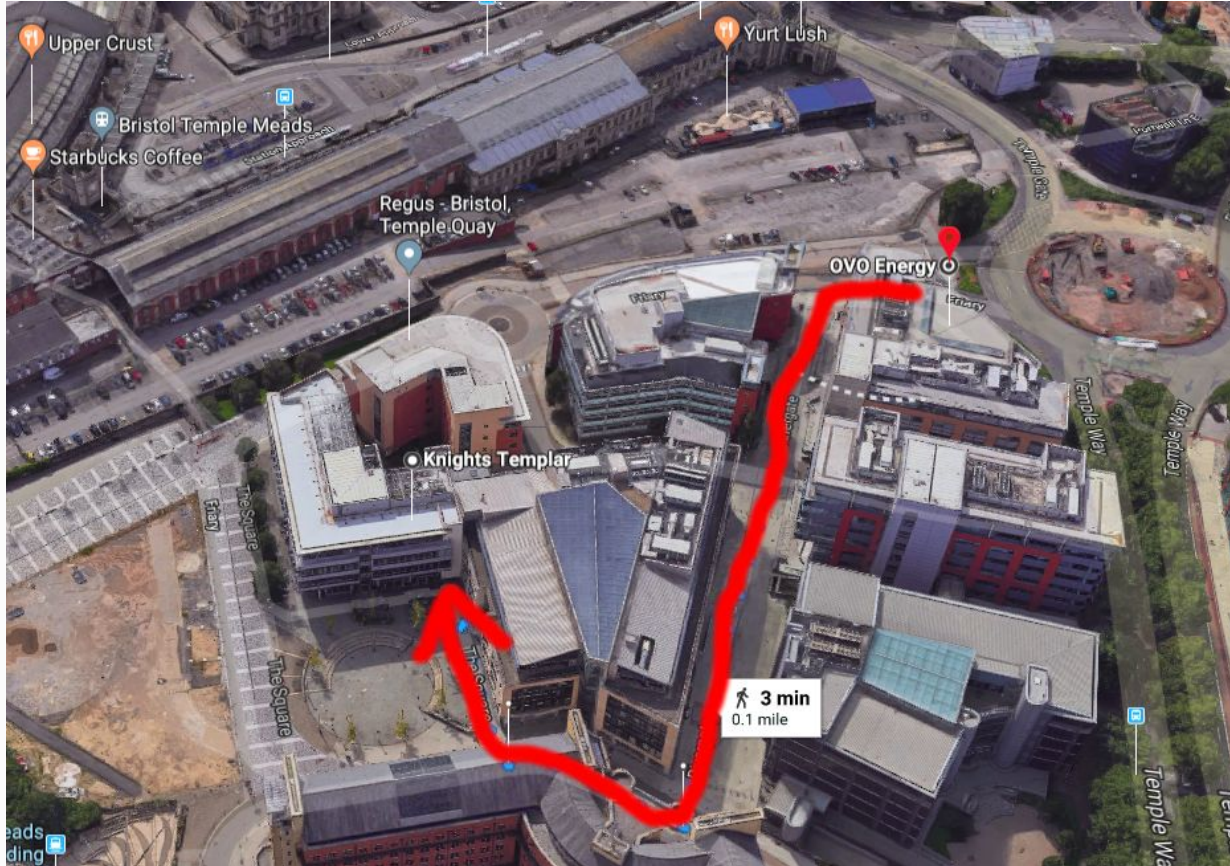
PyData Bristol members in 2050



PyData Bristol - tonight

7pm	Intro PyData Bristol	Miquel Perello-Nieto
7:05	GDPR for data people	Ed Boal
7:40	Break	
7:55	Community announce	John Sandall
8pm	Kubernetes for Data Scientists	Louis Taylor
8:35	⚡ Why run Python in SQL Server?	James Yarrow
8:40	⚡ Voronoi Diagrams	Graeme Taylor
8:45	Networking and drinks	

Networking & Drinks @ 9pm



Upcoming events

#PyData Amsterdam (25-27 May - nearly sold out)

#PyData Cardiff meetup (13th June - talks on timeseries analysis & databases)

#PyLondinium18 (8-10 June)

#PyData Berlin 2018 (6-8 July)

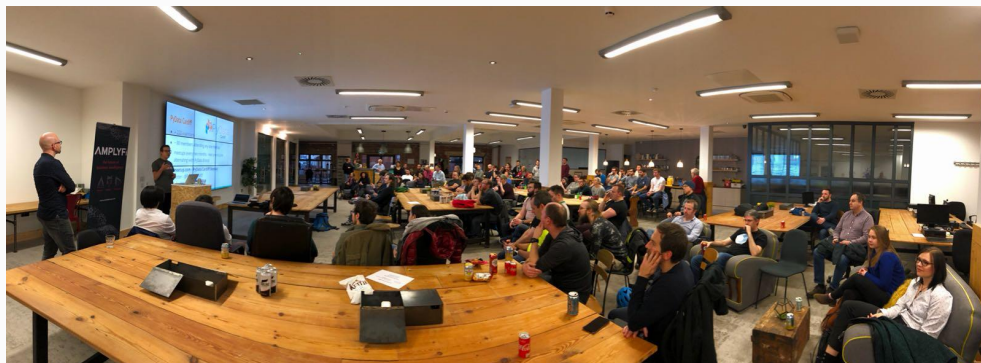
#SciPy 2018 (9-15 July in Texas)

#EuroPython 2018 (23-29 July in Edinburgh)

#JuliaCon 2018 (7-11 August in London)

#Royal Statistical Society 2018 (3-6 September in Cardiff)

#PyCon 2018 (15-19 September in Cardiff)



Package of the month:

```
$pip install workalendar
```

Workalendar

Overview

Workalendar is a Python module that offers classes able to handle calendars, list legal / religious holidays and gives working-day-related computation functions.

```
>>> from datetime import date
>>> from workalendar.europe import France
>>> cal = France()
>>> cal.holidays(2012)
[(datetime.date(2012, 1, 1), 'New year'),
 (datetime.date(2012, 4, 9), 'Easter Monday'),
 (datetime.date(2012, 5, 1), 'Labour Day'),
 (datetime.date(2012, 5, 8), 'Victory in Europe Day'),
 (datetime.date(2012, 5, 17), 'Ascension Day'),
 (datetime.date(2012, 5, 28), 'Whit Monday'),
 (datetime.date(2012, 7, 14), 'Bastille Day'),
 (datetime.date(2012, 8, 15), 'Assumption of Mary to Heaven'),
 (datetime.date(2012, 11, 1), "All Saints' Day"),
 (datetime.date(2012, 11, 11), 'Armistice Day'),
 (datetime.date(2012, 12, 25), 'Christmas')]
>>> cal.is_working_day(date(2012, 12, 25)) # it's Christmas
False
>>> cal.is_working_day(date(2012, 12, 30)) # it's Sunday
False
>>> cal.is_working_day(date(2012, 12, 26))
True
>>> cal.add_working_days(date(2012, 12, 23), 5) # 5 working days after Xmas
datetime.date(2012, 12, 31)
```

Participate!

- PyData is [community-driven](#)
- [Share](#) your knowledge (novice to advanced)
- Propose interesting [discussions](#)
- New data analysis tools? New trends?

Contact us!

- [@John_Sandall](#)
- Miquel [@PerelloNieto](#)
- Frank Kelly ([@norhustla](#))



Miquel



John



Frank

Thanks to all attendees! and sponsors!

PyData Bristol meetup

NUMF[]OCUS
OPEN CODE = BETTER SCIENCE



PyData

