

— 28th October 2019 —

Miquel Perelló-Nieto, Frank Kelly,
John Sandall, David Greenwood,
James C Yarrow, Lenka Hašová and Bharat Kunwar

NUMFOCUS
OPEN CODE = BETTER SCIENCE





PyData

NUMFOCUS
OPEN CODE = BETTER SCIENCE

Members
140,761

Groups
149

Countries
56

707 from **PyData** Bristol

NumFocus

- Non-profit supporting open source scientific computing
- PyData = flagship educational programme
- Projects include Jupyter, Pandas, NumPy, Matplotlib

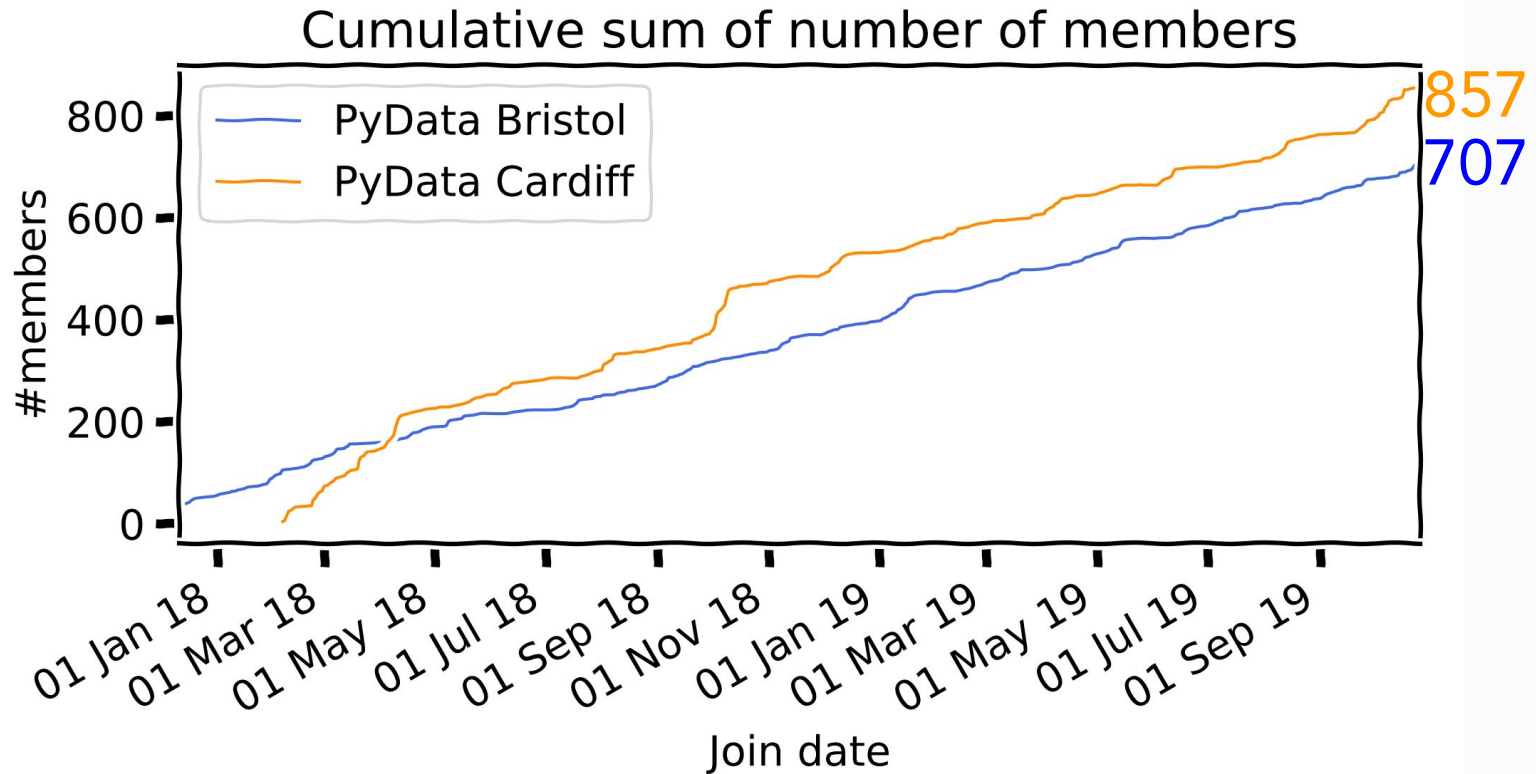
<https://numfocus.org/>







Official PyData Logo and Wordmark -
Unisex Fleece Zip Hoodie

\$47.49

PyData Bristol and Cardiff members



PyData Bristol - tonight

7pm	 Intro PyData Bristol	<i>PyData Organisers</i>
7:10	Learning to live life on the edge with a robotic sense of touch	<i>Lizzie Stone</i>
7:40	 Community announce	<i>PyData Attendees</i>
7:45	Break	
8:05	 Data Science Projects Experience Sharing - a DS consultant point of view	<i>Yifan Xie</i>
8:20	Pythonic doesn't mean slow!	<i>Ronan Lamy</i>
8:50	 Networking and drinks	

Upcoming events

PyData Bristol *Meetup* Thursday 21st November (... still MONTHLY)

PyData Cardiff *Meetup* in December

Bristech conference 2019 7th November at the WaterShed

SatRdays conference (R) 16th November in Cardiff

PyData Cambridge conference 15th-17th November

Data Bristol: Cloud Migration - Data Warehousing & ETL/Azure 19th Nov

JuliaCon 2020 Lisbon



The package of the month: just released!

pygeos 0.5

<https://github.com/pygeos/pygeos/>

Example: compare an grid of points with a polygon:

```
: points = pygeos.points(*np.indices((4, 4)))  
: polygon = pygeos.box(0.5, 0.5, 2.5, 2.5)  
  
: pygeos.contains(polygon, points)  
  
: array([[False, False, False, False],  
:        [False, True, True, False],  
:        [False, True, True, False],  
:        [False, False, False, False]])
```

PyGEOS is a C/Python library with vectorized geometry functions. The geometry operations are done in the open-source geometry library GEOS. PyGEOS wraps these operations in NumPy ufuncs providing a performance improvement when operating on arrays of geometries.

Participate!

- PyData is **community-driven**
- **Share** your knowledge (novice to advanced) via a talk
<http://bit.ly/pydata-bristol-talk-proposal>
- Propose interesting **discussions**
- New data analysis tools? New trends?

Contact us!



 **Lenka**
@LenkaHas



Miquel
@PerelloNieto



John
@John_Sandall



Frank
@norhustla



David
@dsg22

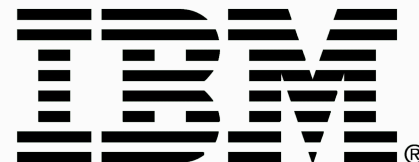


Bharat
@brtknr



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The logo for NUMFOCUS. It features the word "NUMFOCUS" in a bold, sans-serif font, with "NUM" in red and "FOCUS" in blue. A small red square with a white bracket-like symbol is positioned between "NUM" and "FOCUS". Below the main text, the tagline "OPEN CODE = BETTER SCIENCE" is written in a smaller, blue, sans-serif font.

Code of Conduct

- Be **kind** to others and be **inclusive**.
- We're **dedicated** to providing a **harassment free** event to everyone - regardless of different backgrounds, orientations, or gender identities.

How to report an incident

- Ask for a meet-up organiser - we're here to help :-)
- Online report <http://bit.ly/cocbristol>

Any questions or reports do not hesitate to contact

- David Greenwood: dsg27@cantab.net
- Miquel Perelló Nieto: perello.nieto@gmail.com



David



Miquel

Community announcements

Oncorps: Looking for a Senior Software Engineer (backend/ FE / full stack)

See Alistair