PyData
Bristol

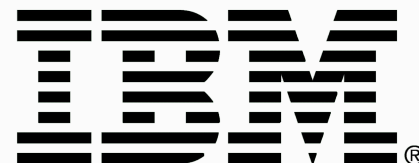## 26th September 2019
Miquel Perelló-Nieto, Frank Kelly,
John Sandall, David Greenwood,
James C Yarrow, and Bharat Kunwar

Map | **Satellite**

Finland
PyData Bristol
Bristol, United Kingdom

Russia

Canada

North
Pacific
Ocean

United States

Mexico

North
Atlantic
Ocean

Algeria Libya Egypt

Mali Niger Chad

Venezuela

Colombia

Peru

Brazil

Bolivia

Chile

South
Pacific
Ocean

South
Atlantic
Ocean

South Africa

Kazakhstan

Mongolia

China

South Korea

Afghanistan

Iran

Pakistan

Thailand

Saudi Arabia

Sudan

Ethiopia

Kenya

DRC

Tanzania

Angola

Namibia

Botswana

Madagascar

Indian
Ocean

Indonesia

Papua New
Guinea

Australia

Google Google
Map data ©2019 Terms of Use

PyData

Members
140,761

Groups
149

Countries
56

677 from PyData Bristol

PyData Bristol and Cardiff members

Cumulative sum of number of members

787
677
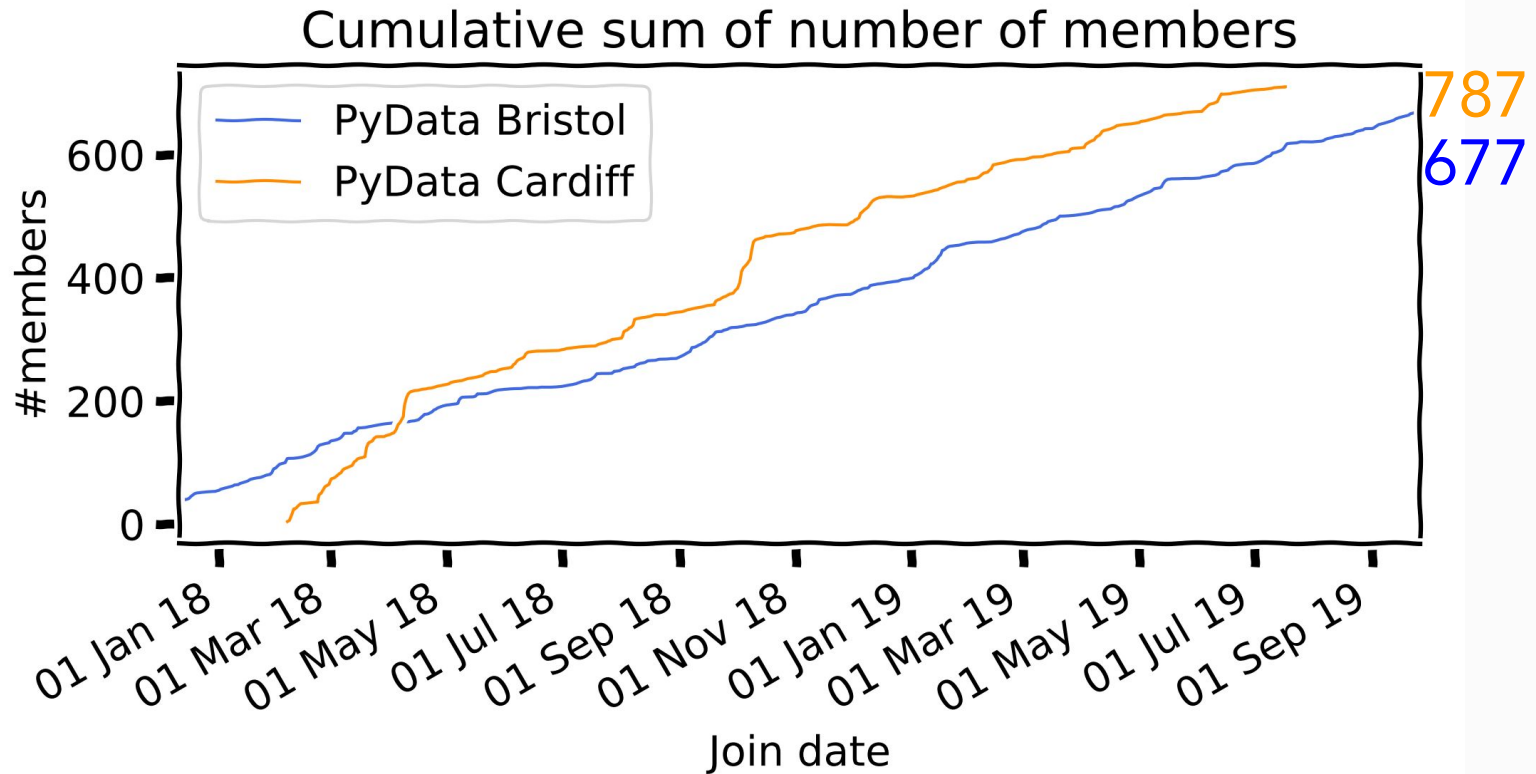
PyData Bristol - tonight

Time	Session	Speaker
7pm	Intro PyData Bristol	PyData Organisers
7:05	Snakes and Lambdas: Data-ops on AWS Micro-services	Dave Parr
7:40	A Linux container from scratch in Python	Louis Taylor
7:50	Break	
8:10	Community announce	PyData Attendees
8:15	Machine Learning on the Edge with the Jetson Nano	Frank Kelly
8:50	The Magic of Python Underscores	Alexandra Craciun
9:00	Networking and drinks	

Upcoming events

PyData Cardiff *Meetup* 9th October

PyData Berlin / PyCon DE 9th-11th October

PyCon Ireland 2019 12th-13th October

PyData Bristol *Meetup Tuesday* 29th October (… now MONTHLY)

Django Girls Bristol 18th-19th October

Bristech conference 2019 7th November at the WaterShed

satRdays conference (R) TBC November in Cardiff

PyData Cambridge conference 15th-17th November

2 FREE TICKETS

Bristech Conference 2019

THURSDAY 7TH NOVEMBER 2019

@ THE WATERSHED

The package of the month:

InfluxData: A scalable time series database with a handy Python client


```
$ pip install influxdb
```

```python
import influxdb
from config import credentials, measurement
client = influxdb.DataFrameClient(**credentials)
query = ('select * from %s'
         ' where time < now() - 90m'
         ' and time > now() - 100m'
         ' limit 10' % measurement)
df = client.query(query).get(measurement)
print(df.describe())
```

```
(ML) ➜ poll-bme280 git:(master) python pandas-influxdb-example.py
                D           H           P          QNH           T
count   10.000000   10.000000   10.000000    10.000000   10.000000
mean    14.120000   52.617300  999.513600  1001.292600   24.421000
std      0.010541    0.035021    0.022257     0.022257    0.005676
min     14.100000   52.570000  999.474000  1001.253000   24.410000
25%     14.112500   52.591250  999.498500  1001.277500   24.420000
50%     14.120000   52.614000  999.516500  1001.295500   24.420000
75%     14.130000   52.650000  999.529500  1001.308500   24.420000
max     14.130000   52.668000  999.544000  1001.323000   24.430000
```

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!

Miquel
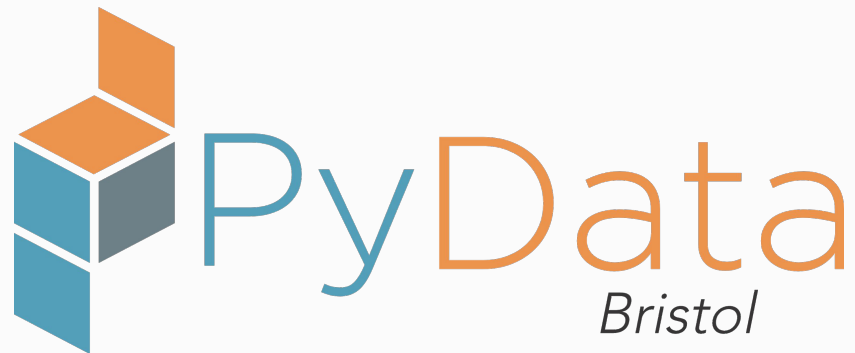@PerelloNieto

John
@John_Sandall

Frank
@norhustla

David
@dsg22

Bharat
@brtknr

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

- Django Girls Bristol 18th-19th October - https://djangogirls.org/bristol/ - Are organising a programming workshop in Python & Django for those who identify as female or non-binary.