

— 20th September 2018 —

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

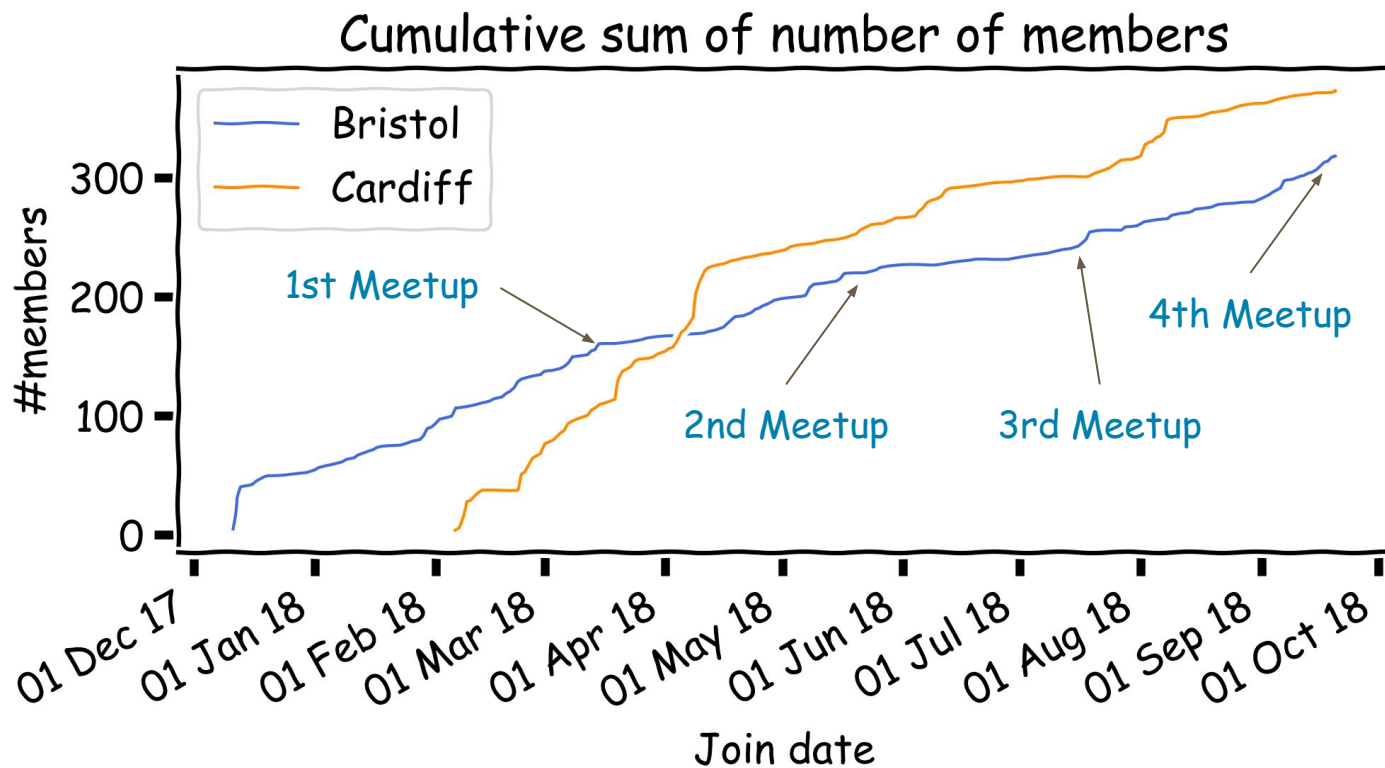
---

---



# Pre-meetup workshop



# PyData Bristol and Cardiff members

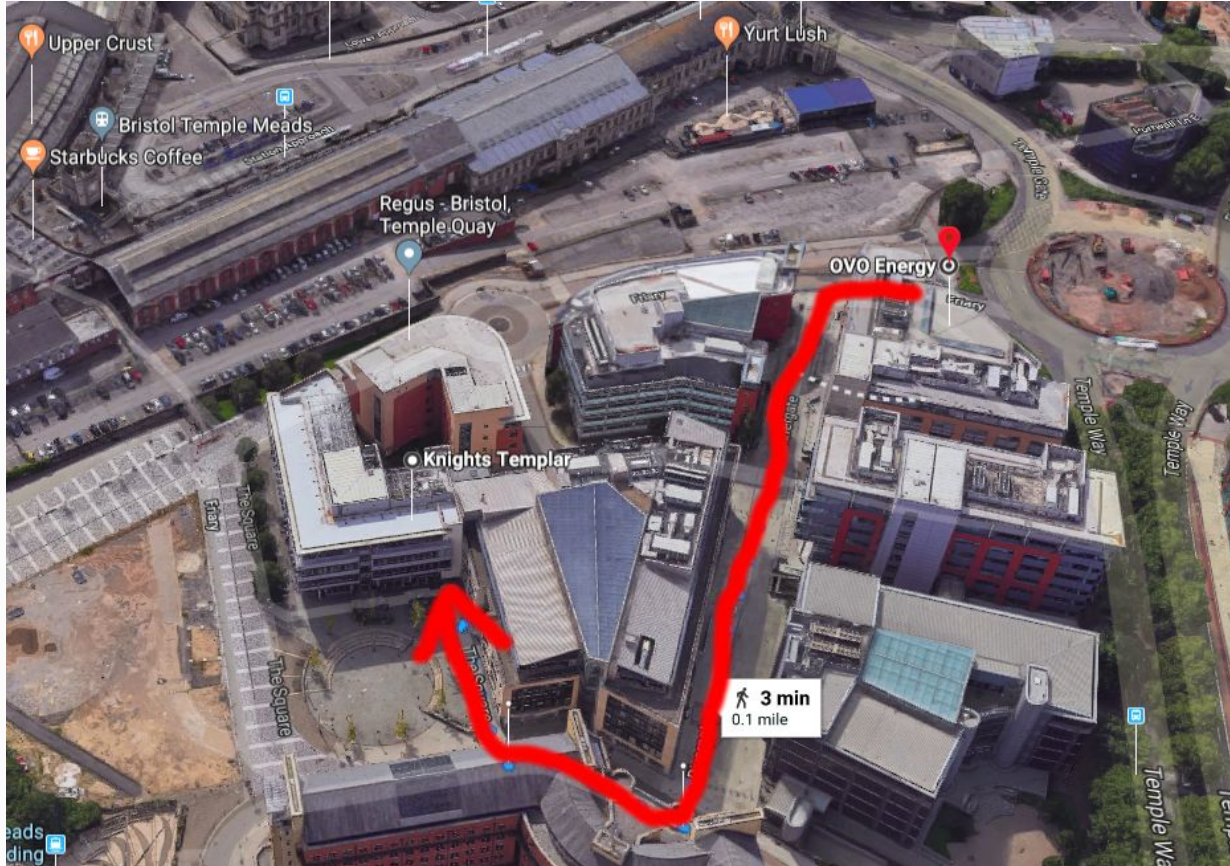


# PyData Bristol - tonight

7pm	Intro PyData Bristol	Miquel Perello-Nieto
7:05	Controlling Aircraft with Deep Reinforcement Learning	Gordon Rennie
7:40	 A report from PyCon UK	Coen de Groot
7:45	Break	
8pm	Community announce	John Sandall
8:05	Hand pose classification in VR using Tensorflow	Mike O'Connor
8:40	 Predicting cryptocurrency prices (TBC)	Matt Hamilton
8:45	Networking and drinks	



# Networking drinks @ 9pm



# NumFOCUS and community news

 **Matplotlib**  
@matplotlib

Follow

Happy to announce that Matplotlib 3.0 is up on pypi and ready for use!

Matplotlib is Python 3 only

The v2.2.x LTS branch supports py27 and will get critical bug fixes to 2020

For whats new see  
[matplotlib.org/users/whats\\_ne...](https://matplotlib.org/users/whats_new.html)

1:51 AM - 19 Sep 2018

262 Retweets 595 Likes




 4  262  595 

## Python wriggles onward without its head

The software's just fine, annual codefest agrees

By Thomas Claburn in San Francisco 20 Aug 2018 at 21:05

24  SHARE ▼



Python creator Guido van Rossum said he would step down as BDFL

[https://www.theregister.co.uk/2018/08/20/python\\_wriggles\\_onward/](https://www.theregister.co.uk/2018/08/20/python_wriggles_onward/)

NUMFOCUS

OPEN CODE = BETTER SCIENCE

September 2018 Newsletter

## 2018 NumFOCUS Board Selection Results

Despite [some challenges](#), the 2018 board selection process completed successfully and we are proud to announce our incoming NumFOCUS Directors!

- Sylvain Corlay
- Jane Herriman
- James Powell
- Katrina Riehl
- Stéfan van der Walt

They will join directors Andy Terrel and Lorena Barba, who are continuing to serve on the Board.

Learn more about our new directors and the selection process [on our blog](#).



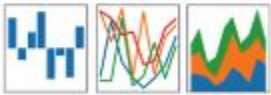
NumPy



Matplotlib

pandas

$$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$$



pandas



Project Jupyter

... and many more!

# Upcoming events

#Bath Machine Learning *Meetup* (26 September)

#PHPSW Analyse your data *Meetup* (27 September in Bath)

#CodeHub Bristol. Hack Night *Meetup* (2 October)

#Our Data Bristol. Well connected *Meetup* (3 October)

#PyData Cardiff *Meetup* (10 October)

#CodeHub Bristol. Python Code Dojo *Meetup* (10 October)

#PyData Karlsruhe & PyCon DE (24-28 October in Germany)

#PyData Bristol *Meetup* (15 November)



# The bimestrial package: lazydata

## "Git for datasets"

A minimalist library for including data dependencies into Python projects.

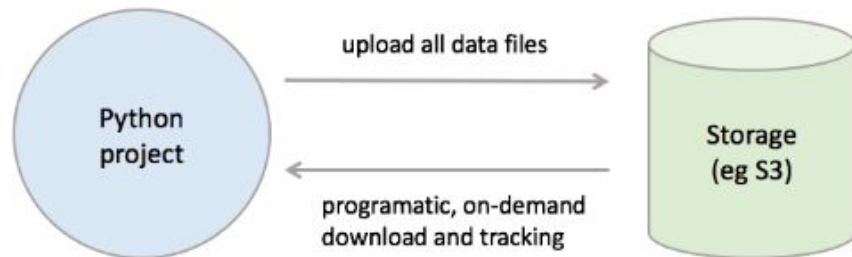
```
$ pip install lazydata
```

```
$ lazydata init
```

```
$ lazydata push
```

files:

```
- path: data/my_big_table.csv  
  hash: 2C94697198875B6E...  
  usage: my_script.py
```



```
from lazydata import track  
  
# store the file when loading  
import pandas as pd  
df = pd.read_csv(track("data/my_big_table.csv"))  
  
print("Data shape:" + df.shape)
```

Repo: <https://github.com/rstojnic/lazydata>

# Participate!

- PyData is **community-driven**
- **Share** your knowledge (novice to advanced) via a talk
- Propose interesting **discussions**
- New data analysis tools? New trends?

## Contact us!

- @John\_Sandall
- Miquel @PerelloNieto
- Frank Kelly (@norhustla)



**Miquel**

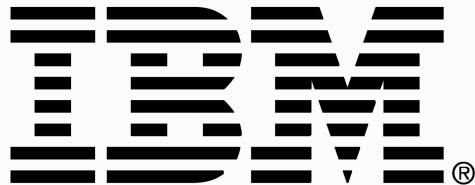


**John**



**Frank**

Thanks to all attendees!  
and sponsors!



Do you want to be a sponsor?  
Come and talk to us.