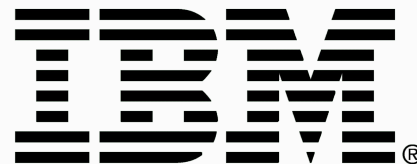




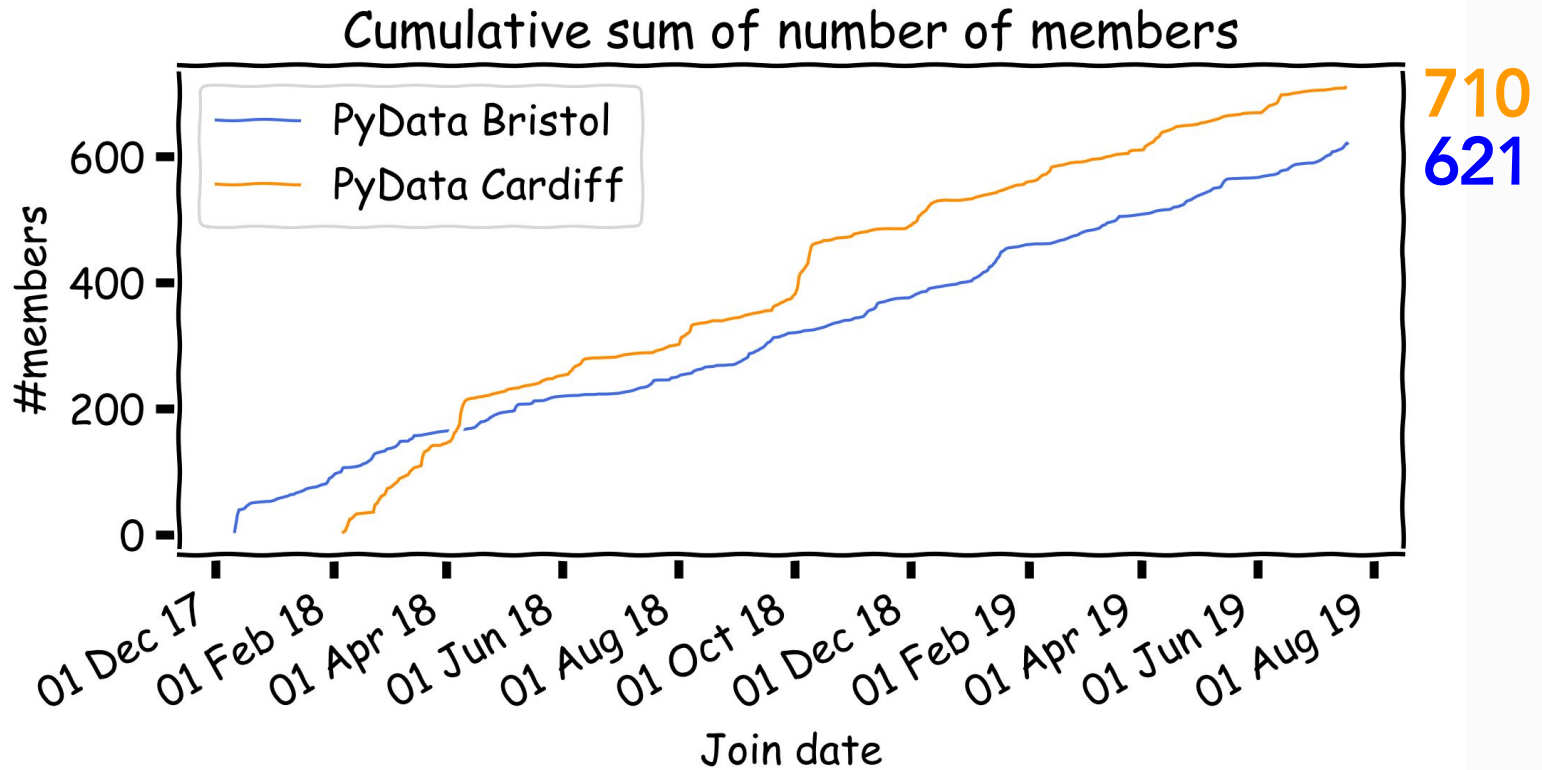
18th July 2019

Welcome from: Miquel Perelló-Nieto,
Frank Kelly, John Sandall & David Greenwood

NUMFOCUS
OPEN CODE = BETTER SCIENCE



PyData Bristol and Cardiff members



PyData Bristol - tonight

7pm



Intro PyData Bristol

PyData Organisers

7:05

Deep Learning for Everyone with MAX

Margriet Groenendijk

7:40



Anomaly detection - what works for me

Rod Mupambirei

7:50

Break

8:10



Community announce

PyData Attendees

8:15

A gentle introduction to
Q-learning in Python

Malte Lichtenberg

8:50



Manifold cities: What makes Bristol tick?

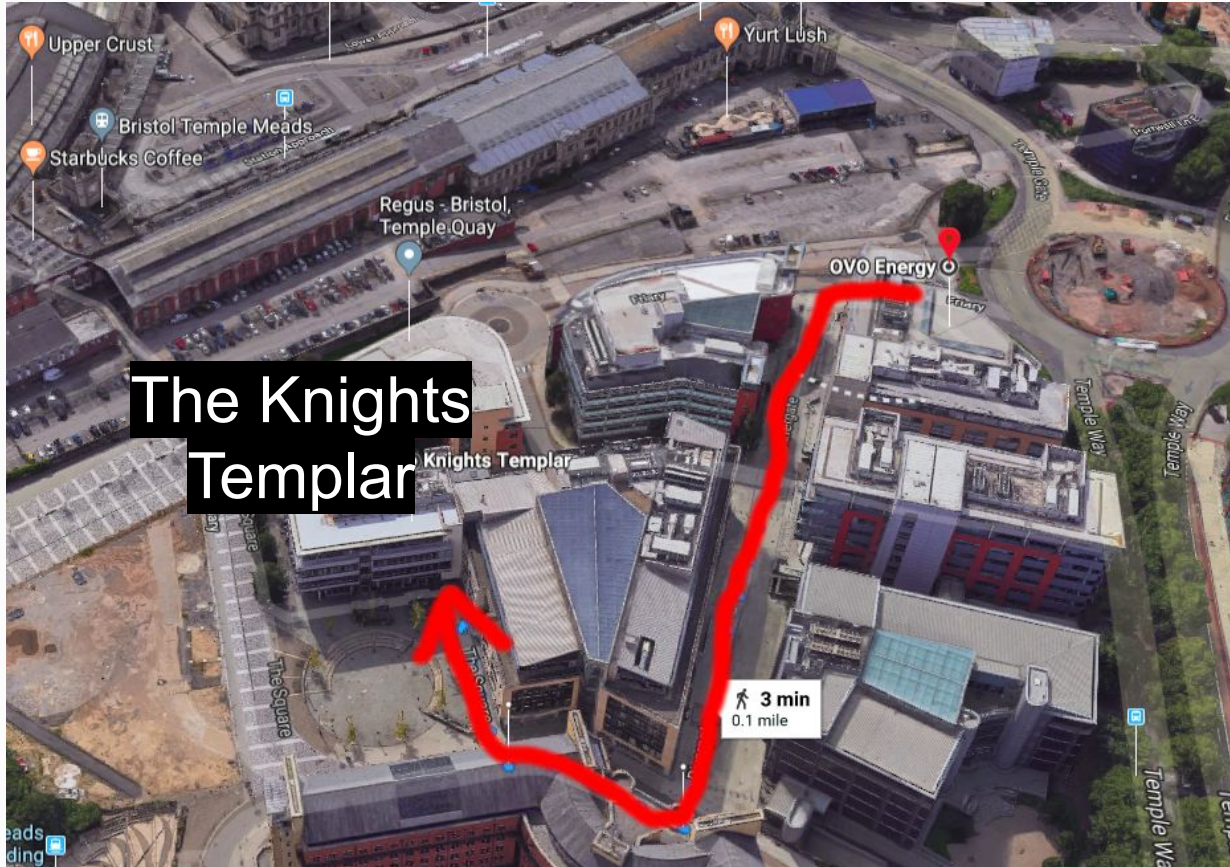
Edmund Barter

9:00



Networking and drinks

Networking drinks at 9pm



Networking drinks at 9pm



Upcoming local events

CodeHub Bristol *Meetup* 23rd July and 6th August

- [Hack Night](#) (programming and web development)

IBM Code Bristol *Meetup* 31st July

- Kubernetes 101

South West Data *Meetup* 31st July, also Social 13th August

- More Data than Facebook: Discovering New Particles at the Large Hadron Collider

PyData Cardiff *Meetup* 14th August

- Workshop "Scikit learn API Intro", Talk1 DataScience Ethichs, Talk 2 you?

Tim Vivian-Griffiths
<tim.vivian.griffiths@gmail.com>

PyCon UK 2019 13th-17th September at Cardiff city Hall

Data Bristol *Meetup* 18th September

- Machines VS Games - AI, ML and Deep Learning

PyData Berlin / PyCon DE 9th-11th October

PyCon Ireland 2019 12th-13th October

PyData NYC 4th-7th November

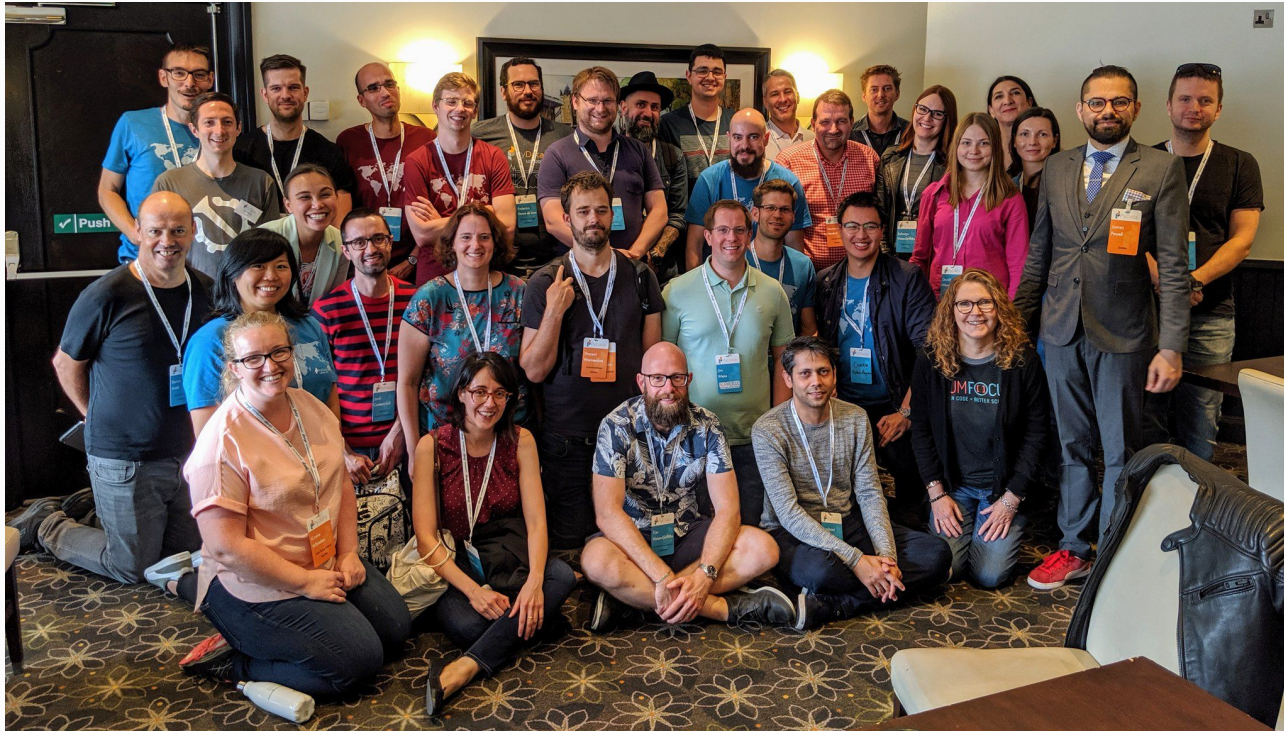
PyData Cambridge 15th-17th November



PyData London Conference

12th- 14th July 2019

- <https://pydata.org/london2019/>



PyData London Conference 2019

#PyData London Conference (12th- 14th July 2019)

Highlights from this year:

A great programme with 4 keynotes, 12 tutorials, 36 talks and two sessions of lightning talks.

A Beginners Bootcamp run the day before the conference.

Unconference track feat. “making your first open source pull requests” & Democracy Hackathon,

Diversity Lunch, organised by Sandrine Pataut.

Childcare: on-site creche, supporting parents who otherwise wouldn't be able to enjoy the conference.

Book signings.

Social Events with the now classic Pub Quiz organised by James Powell.

The bimestrial R package: library(xtable)

xtable: Easily create pretty tables in Latex or HTML from an R object.

2.4 lm

```
fm2 <- lm(tlimth ~ sex*ethnicty, data = tli)
xtable(fm2)
```

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	73.6364	4.2502	17.33	0.0000
sexM	-1.6364	5.8842	-0.28	0.7816
ethnictyHISPANIC	-9.7614	6.5501	-1.49	0.1395
ethnictyOTHER	15.8636	10.8360	1.46	0.1466
ethnictyWHITE	4.7970	4.9687	0.97	0.3368
sexM:ethnictyHISPANIC	10.6780	8.7190	1.22	0.2238
sexM:ethnictyWHITE	5.1230	7.0140	0.73	0.4670

Anova table (one model)

```
xtable(anova(fm2))
```

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
sex	1	75.37	75.37	0.38	0.5395
ethnicty	3	2572.15	857.38	4.31	0.0068
sex:ethnicty	2	298.43	149.22	0.75	0.4748
Residuals	93	18480.04	198.71		

<https://cran.r-project.org/web/packages/xtable/>

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!

- @John_Sandall
- Miquel (@PerelloNieto)
- Frank Kelly (@norhustla)
- David Greenwood (@dsg22)



coefficient



Miquel



John



Frank



David



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

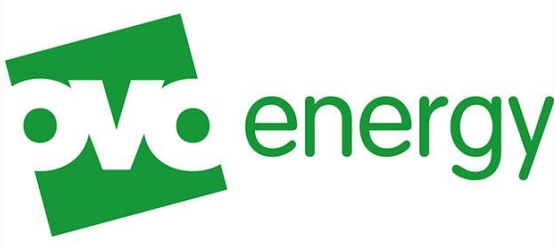


David



Miquel

Thanks to all attendees and sponsors!



- Alexander Goodanew
- Luke Johnson
- Graeme Taylor
- James Yarrow
- And others



- Margriet Groenendijk

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