
24th PyData *Bristol*



15th June 2023

Frank Kelly, Valerio Maggio,
Neil Andrassy, Alon Samuel, Alistair Rogers

NUMFOCUS
OPEN CODE = BETTER SCIENCE



ADLIB



NumFOCUS: Open Code = Better Science

- Non-profit supporting key open source scientific computing projects
- Sponsored projects include Jupyter, Pandas, NumPy, Matplotlib
- PyData, community educational and engagement programme

<https://numfocus.org/>





NUMFOCUS
OPEN CODE = BETTER SCIENCE

Members
211,251

Groups
219

Countries
76

PyData Bristol: Established 2018, 1,202+ members!

The organisers



 **James**
@Yarrow



Lenka
@LenkaHas



Alistair
@alistairlr112



Valerio
@leriomaggio



Frank
@norhustla



Neil
@n_andrassy



Alon
@AlonSamuel1

Our Sponsors :)



Cookpad welcomes you to our Kitchen.

Our mission is to make everyday cooking fun!





Want to help? Check out our roles at cookpad.workable.com, or download our app and get cooking!

Our Sponsors :)

ADLIB



PyData Bristol - Event tonight

6:30	 Intro to PyData Bristol	PyData Organisers
6:40	Introduction to DBT	James Yarrow
7:10	Break (pizza and drinks)	
7:40	Inviting diversity when hiring for data jobs	Elena Hensinger-Schien
8:10	 Managing a million tiles to (sort of) cure cancer	James Leech
8:20	 Discrete Fourier Transforms on Convolutional Neural Networks for time series	Michael Roberts
8:30	 Networking and drinks	Nearby pub: The Sidings

Speaking @ PyData Bristol

<https://bit.ly/pydata-bristol-speaker>



<https://github.com/pydatabristol>

📖 README.md

PyData Bristol Meetups

Links:

- [PyData Bristol on Meetup.com](#)
- [@PyDataBristol on Twitter](#)
- [PyData Bristol YouTube Channel](#)

Past meetups

- [10th PyData Bristol meetup Sep 2019](#)
- [11th PyData Bristol meetup Oct 2019](#)
- [12th PyData Bristol meetup Nov 2019](#)
- [13th PyData Bristol meetup Dec 2019](#)
- [14th PyData Bristol meetup Jan 2020](#)
- [15th PyData Bristol meetup Feb 2020](#)
- [Joint PyDataUK and 16th PyData Bristol meetup May 2020](#)
- [17th PyData Bristol meetup Oct 2022](#)
- [22nd PyData Bristol meetup Apr 2023](#)

PyData Bristol Workshops

Links:

- [PyData Bristol on Meetup.com](#)
- [@PyDataBristol on Twitter](#)
- [PyData Bristol YouTube Channel](#)

Workshops

You can find slides and code for our workshops below:

- [Intro to Deep Learning with Keras \(20th Sep 2018\)](#)
- [Intro to Recurrent Neural Networks \(13th Nov 2018\)](#)
- [First Steps with Python \(28th Oct 2019\)](#)
- [Introduction to Python \(23rd Jan 2020\)](#)
- [First Steps with pandas \(27th Feb 2020\)](#)

Schedules, slides and recordings of previous events can be found in

What to speak about @ PyData Bristol?



Upcoming local events

PyData Cardiff *Meetup* TBD (Tramshed Tech)

Data Bristol *Meetup* 21st of June (Broadridge)

MLOps Bristol *Meetup* 6th of July (GraphCore)

PyData Bristol *Meetup* Thursday July TBC (TBC)

<https://twitter.com/pydatabristol>

Conference Updates

- **PyCon Israel 2023** Ramat Gan, July July 4-5
 - <https://2023.pycon.org.il/>
- **SciPy 2023** Austin, Texas, July 10-16
 - <https://www.scipy2023.scipy.org>
 - Program announced this week
- **EuroSciPy 2023** Basil, Swiss, Aug 14-18
 - <https://euroscipy.org/2023/>
 - 2 days of Sprints + 2 days of Talks / Posters
 - Maintainer Track & PyData Sprints
- **PyCon UK 23** Cardiff, Sept 22-25
 - <https://dev.events/conferences/py-con-uk-cardiff-8-2023>
 - Call for proposals close - 17:00, June 30.
- **2nd CardiffNLP workshop** Cardiff June 26-27
 - <https://www.cardiffnlpworkshop.org/home>
 - Registration closed

Package of the Month: parquet-python

Python implementation of Parquet format

```
import parquet
import json

## assuming parquet file with two rows and three columns:
## foo bar baz
## 1 2 3
## 4 5 6

with open("test.parquet") as fo:
    # prints:
    # {"foo": 1, "bar": 2}
    # {"foo": 4, "bar": 5}
    for row in parquet.DictReader(fo, columns=['foo', 'bar']):
        print(json.dumps(row))

with open("test.parquet") as fo:
    # prints:
    # 1,2
    # 4,5
    for row in parquet.reader(fo, columns=['foo', 'bar']):
        print(",".join([str(r) for r in row]))
```

- Fast read/write
- Space efficient

[com/litestar-org/polyfactory](https://github.com/litestar-org/polyfactory)

AI or Python News

- Falcon 40B is out!!! - [link](#)
- Open LLM leaderboard (by HF) - [link](#)
- More LLM free courses with Andrew - [link](#)
- Bard api - [link](#)
- ReactPy is out! - [link](#)

~~ChatGPT~~* HuggingChat nonsense news of the month

Can you generate some nonsense for me to read to a meetup audience? About Python please



Sure! Here's some nonsensical text about Python that you can use at your next Python meetup:

"Once upon a time, in a faraway land called Pythonia, there lived a magical creature known as the Pyython. This magnificent beast had scales like a fish, wings like a bird, and could write code faster than any other animal in the kingdom. Its sharp claws were perfect for typing on keyboards, and its keen eyesight allowed it to spot syntax errors from afar. The Pyython was revered by all in Pythonia, and its wisdom and knowledge of coding were sought after by those who wished to become great programmers themselves."

Of course, this text has no actual substance or relevance to real-world programming, but I hope it adds a touch of whimsy and lightheartedness to your meeting! If anyone asks why you're reading such nonsense, just tell them it's because Python is so versatile and flexible that even absurdity can have meaning within its domain. 😊🚀🌍🌀🐱💻♂️👤🕯️

*No more
pro-ChatGPT
Nonsense Bias

~~ChatGPT~~* HuggingChat nonsense news of the month

Can you praise a speaker in a python meetup/



Certainly! Here's some nonsense text that might serve as a plaudit to someone speaking at a Python meetup:

"Oh great oracle of programming wonderment, whose words weave elegant spells across the digital landscape! With each sentence, thou art a veritable maestro of syntax symphonies, conjuring fantastic algorithms and arcane functions from thy fingertips. Thou speaketh truth to those lost in the labyrinthine depths of Pythonic enigmas, guiding us ever closer to software serendipities beyond mortal ken. We stand in awe of thine eloquence, thy erudition, and thy unwavering commitment to the sacred arts of crafting code. Hear now our ovation, rising to the heavens, proclaiming thee 'Speaker Supreme' amidst this hallowed hall of technological titans!"

[Chat link](#)

*No more
pro-ChatGPT
Nonsense Bias

Networking in the pub: The Sidings

