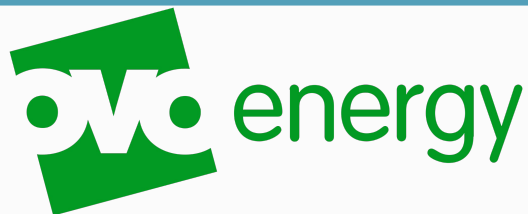

26th PyData *Bristol*



— 16th November 2023 —

Alon Samuel, Alistair Rogers
James Yarrow, Gregory Daly

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/>





PyData

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



Greg
@greg_daly



CHETWOOD



Neil
@n_andrassy

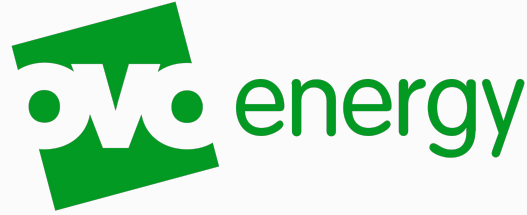


Alon
@AlonSamuel1

Our Sponsors :)






Our Sponsors :)



Ovo welcomes you to the Bristol office!

Join us on the path to energy that's better for you, better for your wallet - and better for the planet.

PyData Bristol - Event tonight

6:30	 Intro to PyData Bristol	PyData Organisers
6:40	Natural Language Processing - from Academic Theory to Business Application	Jerry Panashe Mundondo
7:10	Break (pizza and drinks)	
7:40	 TweetNLP	Asahi Ushio
7:55	Community Announcements	
8:10	 Networking and drinks	Nearby pub: Left Handed Giant

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

Data Bristol *Meetup* 16th of Nov (Amdaris)

PyData Bristol *Meetup* Dec  Social (TBC)

Bristol MLOps *Meetup* 30th of Nov (Left Handed Giant Brewpub)

<https://twitter.com/pydatabristol>

Conference Updates

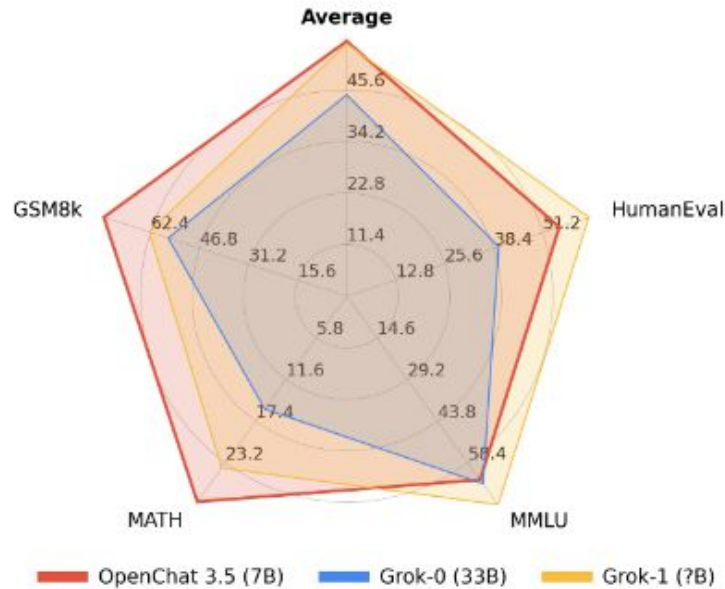
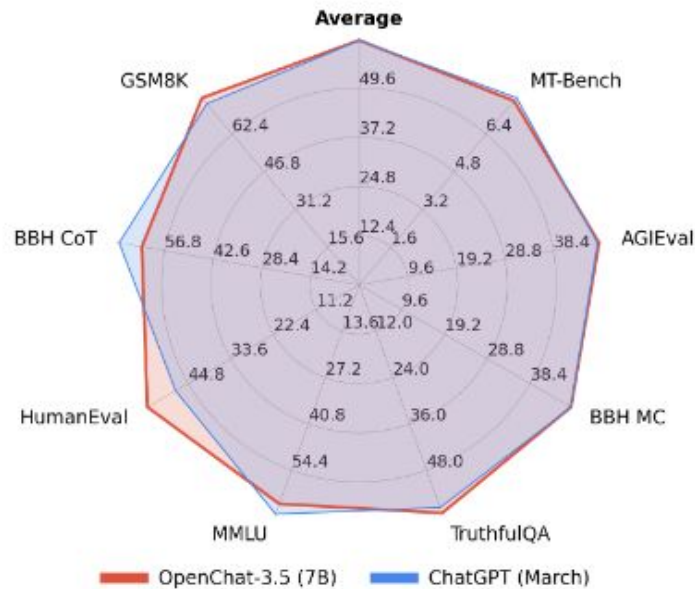
- **PyCon Israel 2023** Ramat Gan, July July 4-5
 - <https://2023.pycon.org.il/>
- **SciPy 2023** Austin, Texas, July 10-16
 - <https://www.scipy2023.scipy.org>
 - Program announced this week
- **EuroSciPy 2023** Basil, Swiss, Aug 14-18
 - <https://euroscipy.org/2023/>
 - 2 days of Sprints + 2 days of 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

Past conferences

- PyCon UK 23 Cardiff, Sept 22-25
- 2nd CardiffNLP workshop Cardiff June 26-27

Package of the Month: openchat

Advancing open-source language models with mixed-quality data - <https://github.com/imoneoi/openchat>



AI or Python News

- Neo4j RAG with LLM ([link](#))
- Grok from x.ai - early access ([link](#))
- OpenAI keynote - GPT4-turbo and more ([link](#))
- AI chips war - [Nvidia ones](#) & [Microsoft ones](#)
- DALL-E-3 research paper ([link](#))
- Multimodal model for digital agents, available on HuggingFace ([link](#))

GPT4 Nonsense

In a realm where code snippets fluttered like leaves, a Python wizard cast a spell: "Loop-de-loop, and print with cheer, let Python magic appear!" With a flick of his wand, his code danced alive, solving problems in just lines five.

In the land of Byteville, a Python whisperer spoke softly to her code, "Ssssh... indent gently, dear loops and ifs." To her delight, the code hummed in harmony, solving puzzles with a charming if-else symphony.

GPT4 Nonsense

Please welcome Jerry, our next speaker at the Python meetup! Jerry's known for writing code so clean, it makes our linters jealous. When not coding, he's usually outsmarting his cat or dreaming in Python. Get ready for insights sharper than a list slice and humor drier than a `SyntaxError` message. Let's give it up for Jerry!

~~ChatGPT*~~ ~~HuggingChat~~ Llama2 nonsense of the month

```
(pytorch_2_01) greg@turing:~/llama2_hf$ /home/greg/miniconda3/envs/pytorch_2_01/bin/pytho  
hf/ht_text_test.py
```

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

. Sure, here's some nonsense about Python that you can read to a meetup audience: "Python is a magical language that can make your computer dance with joy. It's like a box of chocolates - you never know what you're gonna get, but it's always delicious. With Python, you can build a website, create a game, or even summon a dragon (just kidding about that last one, sorry). Did you know that Python is secretly a ninja? It's true! It's always sneaking up on you with its flexible syntax and stealthy semantics. But don't worry, it's a friendly ninja that only wants to help you build awesome things. So come on down to our meetup and learn the ancient art of Python-fu. Together, we can create something truly amazing and maybe even have some fun along the way." I hope that helps! Let me know if you need anything else.

*No more
pro-ChatGPT
Nonsense Bias

~~ChatGPT*~~ ~~HuggingChat~~ Llama 2 nonsense of the month

```
(pytorch_2_01) greg@turing:~/llama2_hf$ /home/greg/miniconda3/envs/pytorch_2_01/bin/python hf/ht_text_test.py
Can you praise a speaker in a python meetup in a humorous way
? Answer: Of course! Here's a humorous introduction for a speaker at a PyData
meetup: "Ladies and gentlemen, please welcome our next speaker, the one and
only [Speaker's Name]! This data wizard has been conjuring up insights and
visualizations like a magician on a mission. When they're not busy taming
datasets, they enjoy hobbies like rock climbing, playing the guitar, and cooking
up a storm in the kitchen. But don't worry, they won't be serving any of their
famous dishes today - we're here for the data, not the food coma! So sit back,
relax, and get ready to learn from the master of data magic!"
?
```

P.S. I didn't say
where we
are...

Networking in the pub: Left Handed Giant brewpub

