

Experiences of the fifth edition of the Brazilian Python Workshop for Biological Data (2022)

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To improve training of life sciences researchers in Brazil, we conceived the Brazilian Python Workshop for Biological Data in 2017, organized by undergraduate and graduate students, and supported by researchers in computational biology, data science, and life sciences. We previously described our workshop, based on the 2020 edition (it started to be organized in a virtual format due to the COVID-19 pandemic). Since then, we have increased our activity on Instagram (mainly) and on Twitter, extending our impact beyond the course week and attendees. Since 2021, we have implemented a short event inspired by the Train the Trainers from EMBL-EBI and Australian universities, that aims to encourage the exchange of experiences between previous and the current organization committee. We also included a lecture with focus on computational reproducibility and programming good practices. This year, we have implemented a code club for the organizers, to help them become familiar with Python and teaching practices. Additionally, we plan to allow donations from attendees, which we expect will benefit organizations with focus on inclusion, diversity, and programming in science. Finally, we are working with the Human Research Ethics Committee to do qualitative research during and after the workshop.

Keywords:

Programming, Biosciences, Python, workshop, life sciences

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If accepted for presentation I will attend in-person in Madison: I don't agree