

Welcome to BrainHack School Mtl 2019!!

*August 5th-August
30th, 2019*

Why BrainHack school?



Olivia Guest | Ολίβια Γκεστ
@o_guest

Circling back to UGs in psych: they should be taught how to code — BUT! — it's also true for PhD students.

You need to learn to code. You can do it, we can help you, it's not as hard as you think, & it'll help you in the long run including to get a job.



neuroplausible: Why Women in Psychology Can't Program
About two months ago my brother, who works in data science on social psychology data, asked me why his colleagues, who ...
neuroplausible.com

9:45 AM · Aug 4, 2019 · [Twitter Web App](#)

Why BrainHack school?



Jake VanderPlas

@jakevdp

Following



My advice on learning Python:

Don't set out to "learn Python". Choose a problem you're interested in and learn to solve it with Python.

8:24 AM - 10 Sep 2017

2,932 Retweets 8,810 Likes



201



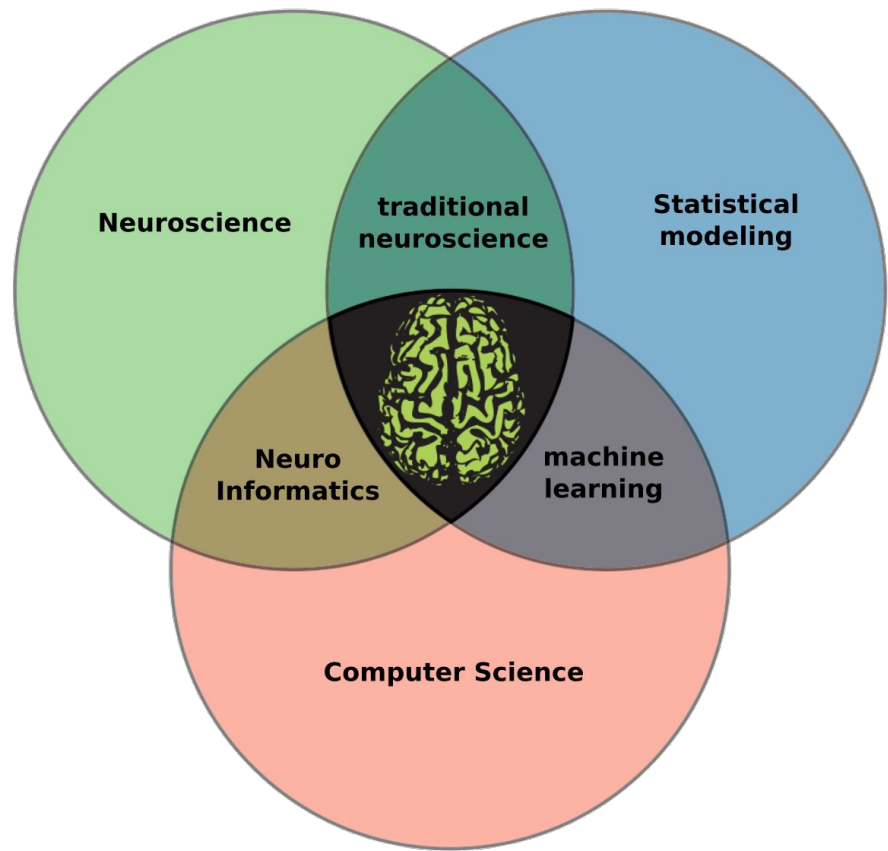
2.9K



8.8K



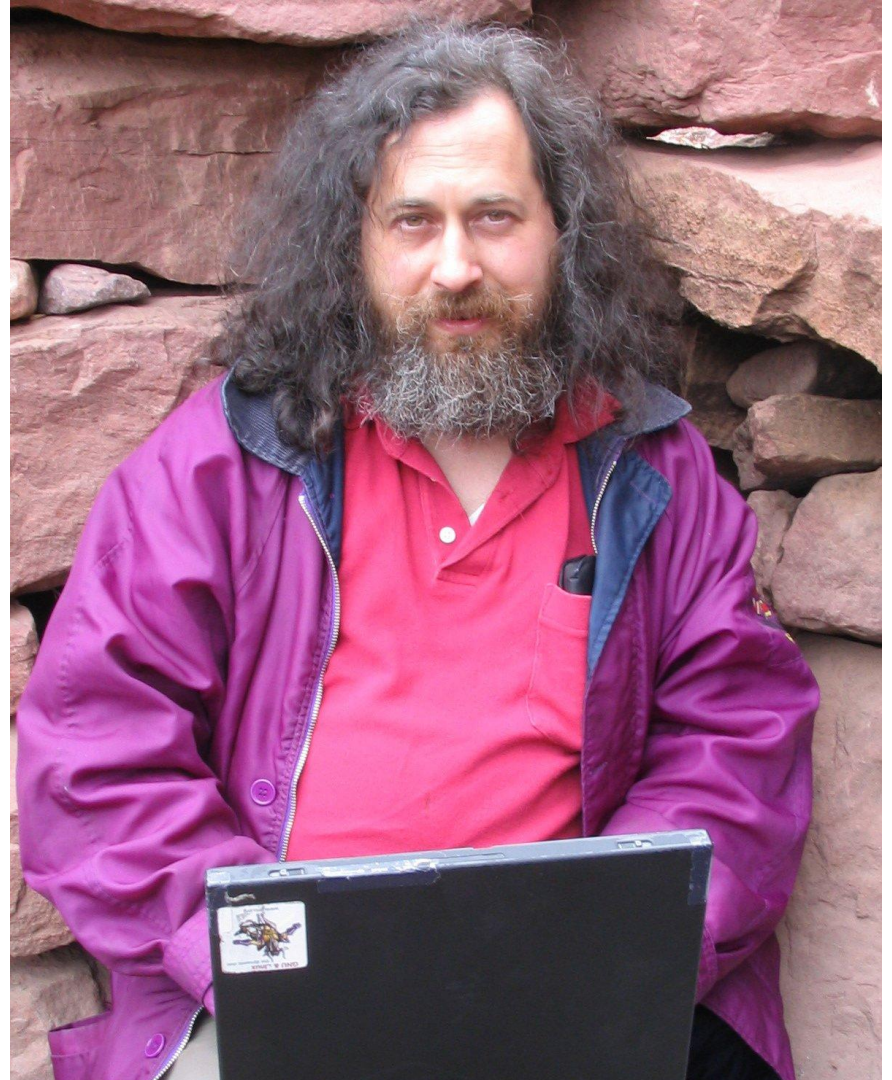
Neural data science



**“Being a hacker means
appreciating playful
cleverness”**

**“Sharing is good and,
with digital technology,
sharing is easy”**

Richard Stallman



OPEN DATA



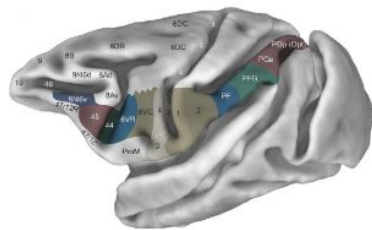
OPEN CODE



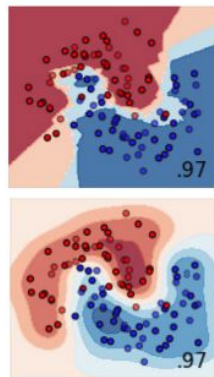
HIGH-PERFORMANCE COMPUTING AND PIPELINES



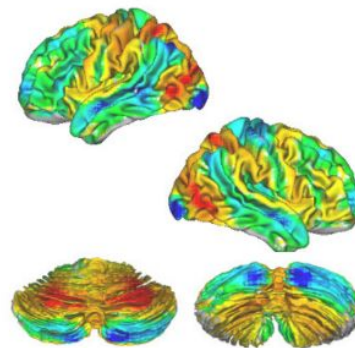
DATA VISUALIZATION



MACHINE LEARNING



NEUROIMAGING



Week 1: A foundational stack for neural data science



Week 2: Project Definition



Week 3: Project Implementation



Week 4: Project Wrap-up



Connect...



<https://tinyurl.com/slack-brainhackschool2019>



[#brainhackschool](#)



<https://github.com/mtl-brainhack-school-2019>

Have fun! Help us create an open and enthusiastic space!



Université 
de Montréal



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**Engineering and
Computer Science**



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Happy hacking!

