

Data wrangling workshop for Neuroscience Master students

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Description

Access to every tutorial

<https://drive.switch.ch/index.php/s/CJEdwYHVlEx52j2>

And my personal github wikihow page with detailed tutorials on how to install stuff: https://munoztd0.github.io/Hitchhikers_guide_to_the_brain/

Matlab or GNU Octave (free alternative to Matlab) :

Basics (online - free - active coding - videos)

<https://www.mathworks.com/learn/tutorials/matlab-onramp.html/>

Getting familiar with data wrangling and visualization (free - active coding - videos)

<https://drive.switch.ch/index.php/s/ZYGtqDasSgNPo3b>

Transitioning from Matlab to Python (free - docs)

<https://drive.switch.ch/index.php/s/dThUOtWJevWgsKz>

Transitioning from Matlab to R (free - docs)

<https://drive.switch.ch/index.php/s/pfo9GtrYiyKLk5x>

R:

Basics (online - free - active coding - videos)

<https://learn.datacamp.com/courses/free-introduction-to-r>

Getting familiar with data wrangling and visualization (online - free - active coding - videos)

<https://beanumber.github.io/sds192/schedule.html>

Basic statistical inference course (online - free - active coding - videos)

<https://campus.datacamp.com/courses/statistical-inference-and-data-analysis/>

Python:

Basics (online - free - active coding - videos)

<https://learn.datacamp.com/courses/intro-to-python-for-data-science>

Getting familiar with data wrangling and visualization (free - active coding - videos)

<https://drive.switch.ch/index.php/s/qdbgPKqQ5xljYoA>

Getting familiar with data wrangling and visualization (online - free - active coding - videos)

<https://drive.switch.ch/index.php/s/X6mlUhVvdQcEw6S>

Neuroimaging with Python (Nipy - FSL - AFNI - SPM)

<https://github.com/NIDS2020-instructor?tab=repositories>