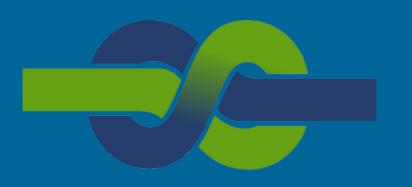


Computação científica com Python

Alexandre de Siqueira



Configurando seu sistema





www.continuum.io/downloads

\$ bash Anaconda3-2.3.0-Linux-x86_64.sh

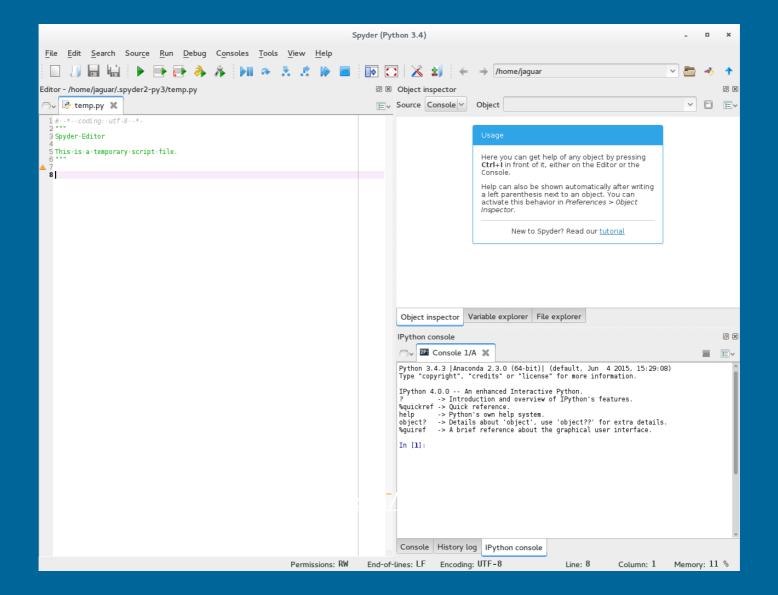
\$ conda install <pacote>



Escolhendo um ambiente

\$ conda install spyder

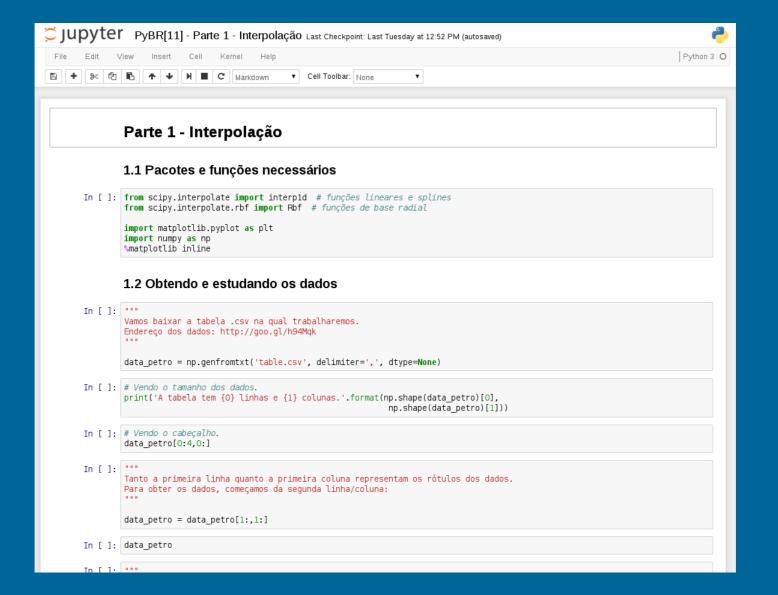




(até segunda ordem)

\$ conda install jupyter

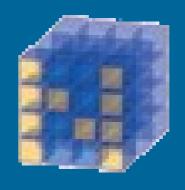




(também até segunda ordem)

Vamos às ferramentas!

• o básico



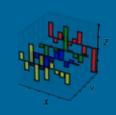












estatística

seaborn

matemática simbólica



(...)

http://goo.gl/KZCOCx

Os sci-kits

http://scikits.appspot.com/scikits



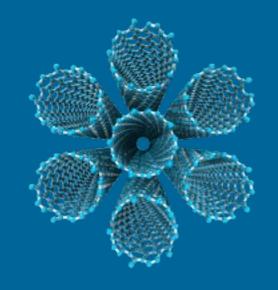
- http://scikit-bio.org/
- skbio cookbook
- intro to applied bioinformatics



- http://scikit-image.org/skimage examples



- http://scikit-learn.org/stable/
- sklearn examples

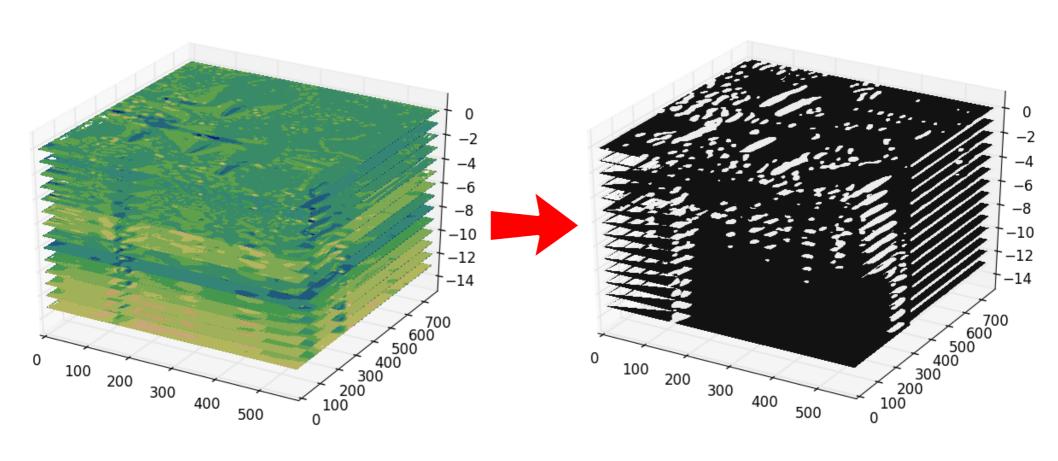


http://scikit-nano.org/doc/



- http://scikit-rf-web.readthedocs.org/
- skrf examples

Minha experiência atual



E a sua?

Alguns recados:

1) Ajude os scikits a crescerem!

2) Topa uma Science Hackathon?





CUTTING EDGE

Science hackathons for developing interdisciplinary research and collaborations

Abstract Science hackathons can help academics, particularly those in the early stage of their careers, to build collaborations and write research proposals.

DEREK GROEN AND BEN CALDERHEAD

Obrigado!

contato: www.programandociencia.com/sobre