

A short introduction to Python

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Python tutorial

Statistical Methods in Physics



Outline

- Python @ home
- Hands-on
 - Basics
 - Random numbers
 - Histograms
 - (Fitting)
 - Matrices
 - Hit or miss Generator

Web-based Jupyter Environments

- Google Colaboratory
 - Requires Google account
- Microsoft Azure Notebooks
 - Requires Microsoft account, e.g. Skype
- Both feature extensive Python software stacks
- Only need a browser

Local installation

- Anaconda
- Linux: Install via package manager
- Install additional packages: "conda install *package*" or "pip install *package*"
 - numpy
 - matplotlib
 - scipy (optional)

Hands-on

Thank you for your attention!

