

# Py-stuffs for emission line astronomers

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# Summary

- Python: unescapable programming language
- Tools for emission line analysis: PyNeb
- pyCloudy: increase your performance in managing CLOUDY

# Python

- command line: `ipython` (for Interactive python).
- Web browser interface: jupyter notebooks, or even better: lab

# Lectures

- Github: [https://github.com/Morisset/Cloudy\\_Summer\\_School](https://github.com/Morisset/Cloudy_Summer_School)
- More on python: <https://github.com/Morisset/Python-lectures-Notebooks>
- More on nebular analysis: <https://github.com/Morisset/NEBULATOM-tools>

# Notebook

- passive version: read it on the github page.
- active version: download the ipynb file (right click on « raw » in the github page) and run from a terminal:
  - `jupyter lab`