INF5820
Distributional Semantics: Extracting Meaning from Data
Group session 10/11/2016
Obligatory assignment 3

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Setting up Python environment at IFI cluster

Python installation at IFI cluster is rather outdated (2.6). However, you can set up your virtual user-wide Python environment and still run almost all the modules necessary for completing the assignment.

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- ▶ `wget http://peak.telecommunity.com/dist/virtual-python.py`
- ▶ `python virtual-python.py`
- ▶ `wget https://bootstrap.pypa.io/ez_setup.py`
- ▶ `~/bin/python ez_setup.py --user`
- ▶ `wget https://bootstrap.pypa.io/get-pip.py`
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This will set up your independent Python environment and you will be able to install modules on your own.

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Add this to your *.bash_profile*:

- ► `alias 'python'='~/bin/python'`
- ► `alias 'pip'='~/.local/bin/pip2'`

Now your user will always use your local Python installation.

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- ► `pip install --user --upgrade numpy`
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Unfortunately, the outdated system Python conflicts with newer versions of *pandas* data management module used in the *classifier.py* script. If you work on IFI cluster, use the modified version of the script: http://ltr.uio.no/~andreku/5820/classifier_nopandas.py. It is a bit more awkward, but still works.