

Brief: Download and make this [git repository](#) working locally.

Note: Please install [Anaconda](#) as it is also required for the other upcoming lab sessions.

Steps:

1. It is recommended to [set up a virtual environment](#) with conda for this specific lab to avoid conflicts

```
conda create -n lusnn python=3.6
```

```
conda activate lusnn
```

2. Install pandas: `pip install pandas`
3. Install pytorch (0.4.0): `conda install pytorch=0.4.0 -c pytorch` (if this doesn't work try using pip (different whl files for different OS): [guidelines](#))
4. Clone into the git repo :

```
git clone  
https://github.com/fruttasecca/concept-tagging-with-neural-networks.git
```

5. Check if working:

- go inside src directory: `cd concept-tagging-with-neural-networks/src`
- Train a simple model

```
python run_model.py --hidden_size=200 --epochs=1 --batch=20  
--drop=0.7 --embedding_norm=6.0 --lr=0.001 --model=conv  
--unfreeze --write=results.txt  
--train="../data/movies/train.pickle"  
--test="../data/movies/dev.pickle"  
--w2v="../data/movies/w2v_trimmed.pickle" --hidden_size=200  
--bidirectional --dev
```