

Fresh install in Ubuntu:

1. Download pycharm
2. Install python 2.7:
  - a. Sudo apt update
  - b. Sudo apt upgrade
  - c. Sudo apt install python2.7 python -pip
  - d. Sudo apt install python3-pip
3. Install scikit-learn:
  - a. Pip2 install -U scikit-learn
4. In pycharm:
  - a. Import scikit-learn
  - b. Import nltk
    - i. Perform nltk.download()
      1. Download all packages just in case
5. Install tcl/tck:
  - a. Site: <http://www.tcl.tk/software/tcltk/download.html>
    - i. Download:
    - ii. [tcl8.6.10-src.tar.gz](#)
    - iii. [tk8.6.10-src.tar.gz](#)
  - b. Go to tcl8.6.10/unix after extraction:
    - i. Run in terminal: ./configure
    - ii. Run in terminal: make
    - iii. Make test
    - iv. Sudo make install
  - c. Go to tck8.6.19/unix after previous step:
    - i. Run in terminal: ./configure
    - ii. Run in terminal: make
      1. If fatal error: run in terminal: sudo apt install libx11-dev
    - iii. Run in terminal: make test
    - iv. Run in terminal: sudo make install
6. Install wordNet:
  - a. Download wordnet directly : [Wordnet Site](#) Direct download link: [download](#)
  - b. Run in terminal: ./configure
  - c. Run in terminal: make
    - i. If error '->' : Find the file 'stubs.c' enable it for writing and add the following line before the includes: #define USE\_INTERP\_RESULT 1  
[link](#)
  - d. Run in terminal: **sudo** make install
    - i. If error: maybe relevant to run make again with the following:  
CFLAGS=-DUSE\_INTERP\_RESULTS make
7. Go to file named: 'lexChain.pl' and change the full path in line 4.

Note: If there is problem with permissions in src folder when run in terminal. Grant all permissions to the whole folder of src just in case.

Command: `chmod 777 -R src` [ grant all access recursively to all files ]