

CSE 494

Lab 0: On Your Own Packages Installation

Objectives:

- 1- Student install the required packages for labs, homework, and projects for the course.
- 2- Detect software installation issues early.

Assignment:

- Install all of the following packages and software in your own machine. This lab has to be done before 1/18/2019 (second class).

Software/Package	Where to download	Installation steps
Python (ver. >2.7) <i>3.5</i>	https://www.python.org/download/releases/2.7/	https://docs.scipy.org/doc/numpy-1.13.0/user/install.html
Numpy (ver. >=1.9)	http://www.numpy.org/	https://www.scipy.org/install.html
Scipy (ver. >= 1.9)	https://www.scipy.org/install.html	<i>required for scikit learn (won't use explicitly)</i>
Scikit learn	https://scikit-learn.org/stable/	https://pandas.pydata.org/pandas-docs/stable/install.html
Pandas (ver. >= 0.2)	https://pandas.pydata.org/pandas-docs/stable/install.html	
IBM Cplex <i>for optimization formulations</i>	https://www.ibm.com/support/knowledgecenter/SSSA5P_12.7.0/ilog.odms.cplex.help/CPLEX/GettingStarted/topics/set up/Python setup.html	https://docs.scipy.org/doc/numpy-1.13.0/user/install.html
Networkx <i>threat actor analysis</i>	https://networkx.github.io/documentation/stable/install.html	https://www.scipy.org/install.html
Matplotlib (for visualization)	https://matplotlib.org/	