Lab Session 1

CIS 4730

Install Anaconda

A popular Python and R distribution

Provides Python and popular libraries

Installation:

https://www.anaconda.com/products/individual

Anaconda Installers

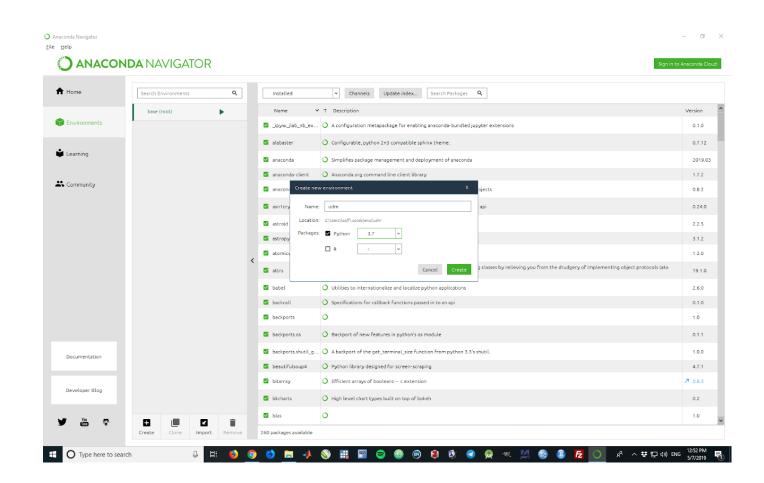
Windows #	MacOS É	Linux 🗴
Python 3.7 64-Bit Graphical Installer (466 MB)	Python 3.7 64-Bit Graphical Installer (442 MB)	Python 3.7 64-Bit (x86) Installer (522 MB)
32-Bit Graphical Installer (423 MB)	64-Bit Command Line Installer (430 MB)	64-Bit (Power8 and Power9) Installer (276 MB)
Python 2.7	Python 2.7	
64-Bit Graphical Installer (413 MB)	64-Bit Graphical Installer (637 MB)	Python 2.7
32-Bit Graphical Installer (356 MB)	64-Bit Command Line Installer (409 MB)	64-Bit (x86) Installer (477 MB) 64-Bit (Power8 and Power9) Installer (295
		MB)

Installation guide:

Windows – https://docs.anaconda.com/anaconda/install/windows/
Mac – https://docs.anaconda.com/anaconda/install/mac-os/

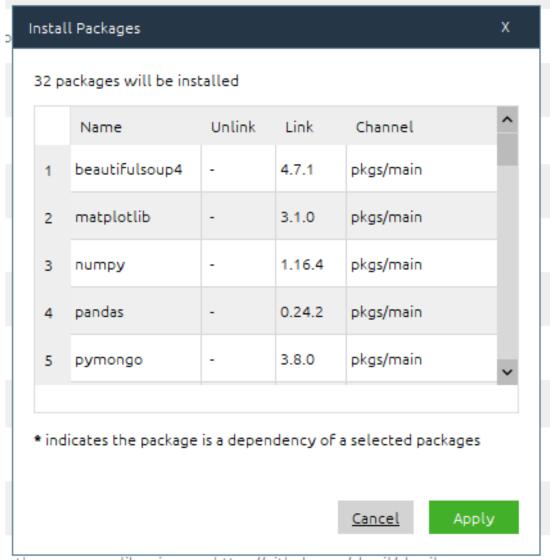
Create a virtual environment

Why do we need virtual environments?



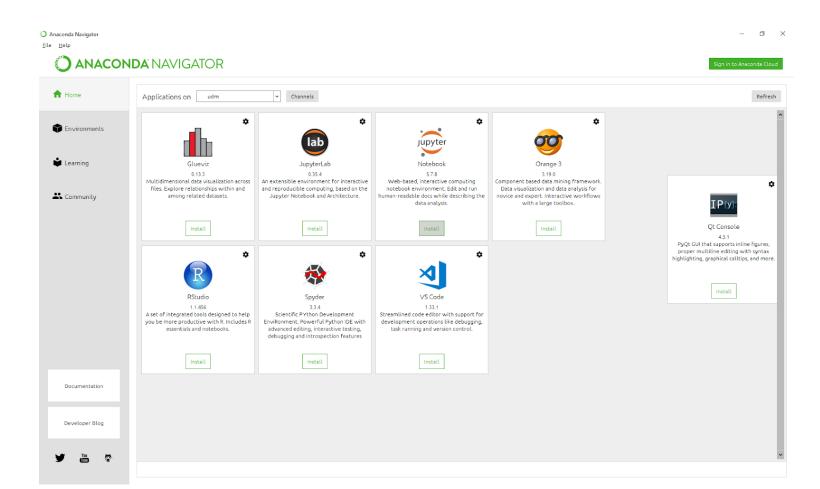
Install these libraries in the virtualenv

- Now
 - numpy
 - pandas
- After class
 - matplotlib
 - pymongo
 - beautifulsoup4
 - scikit-learn



withou common libraries, see https://github.com/abseil/abseil-nv

Install Jupyter Notebook

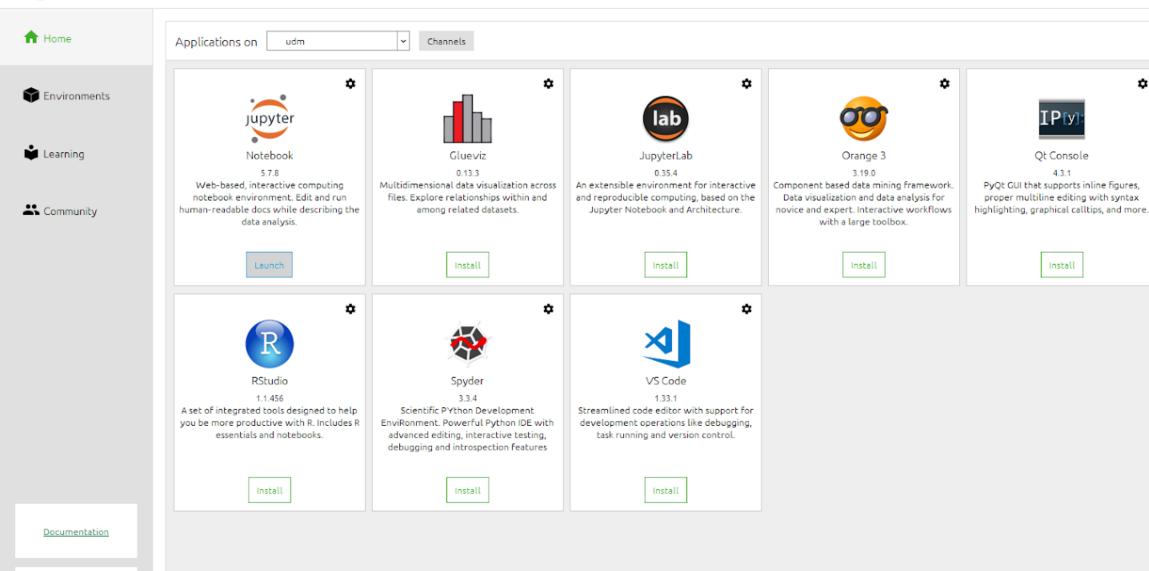


Qt Console

Install

Refresh

ANACONDA NAVIGATOR



Developer Blog

