

Anaconda Installation Guide

Mac OSX (Graphical Install)

Download the Anaconda installer: <https://www.continuum.io/downloads>

Scroll down and select the MacOS tab. Install Python 3.X (not 2.7) graphical installer.

Double click the .pkg file (once it has downloaded) and follow the prompts to install to the default location.

NOTE: On the Destination Select screen, you must select ‘Install for me only.’

NOTE: If you get the error message “You cannot install Anaconda in this location”, reselect “Install for me only.” On “Installation Type” you may choose to install in another location.

Windows

Download the Anaconda installer: <https://www.continuum.io/downloads>

Scroll down and select the Windows tab. Install Python 3.X (not 2.7).

Double click the Anaconda installer (once it has downloaded) and follow the prompts to install to the default location.

NOTE: Do not install as “Administrator” unless admin privileges are required.

NOTE: If you encounter any issues during installation, try to temporarily disable your anti-virus software during installation, then immediately re-enable it.

A full Anaconda installation guide can be found here: <https://docs.continuum.io/anaconda/install/>

Some information about the Anaconda Navigator can be found here:
<https://docs.continuum.io/anaconda/navigator/>

Spyder is the Scientific PYthon Development EnviRonment that we will be using this semester. Some documentation on Spyder can be found here: <https://pythonhosted.org/spyder/>

When you launch the Anaconda Navigator, it should look something like this:

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Environments

Projects (beta)




Learning

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Applications on root Channels Refresh



jupyter
notebook
5.0.0

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.


Launch



qtconsole
4.3.0

PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.


Launch



spyder
3.1.4

Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features


Launch



glueviz
0.9.1


Multidimensional data visualization across files. Explore relationships within and among related datasets.

Install



orange3
3.4.1

Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows



rstudio
1.0.136

A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.