Anaconda Installation Guide

Machine Learning in Python and Jupyter for Beginners

Dave Valentine

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Starting the Installation

Welcome!

The following is a walkthrough of installation for Anaconda, for use in the "Machine Learning in Python and Jupyter for Beginners" course.

The platform shown is Windows 10, but the process is similar to all platforms.

Students are encouraged to download Anaconda, in advance of the class. If you want to install it - please follow these instructions closely to make sure you can run the demonstrations provided later in the course. We will cover installation during the course.

I look forward to sharing this exciting field with you!

Dave Valentine
www.tbdatascientist.com

Stare your web browser of choice

Start up your web browser of choice. I've started chrome.

Visit: https://www.anaconda.com/download/
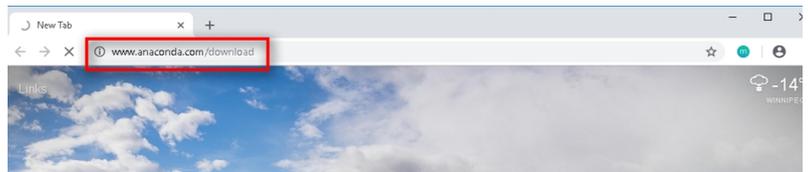
Select your platform and distribution.

*I've selected Windows as my platform.*

Select your distribution.

I've selected 64 bit (2) as my workstation is 64 bit.

Select what is appropriate for your workstation. However, be sure to install the Python 3.x version.
At the time of this guide creation that's 3.7. It may be later for you, but that should work as long as it's 3.x.
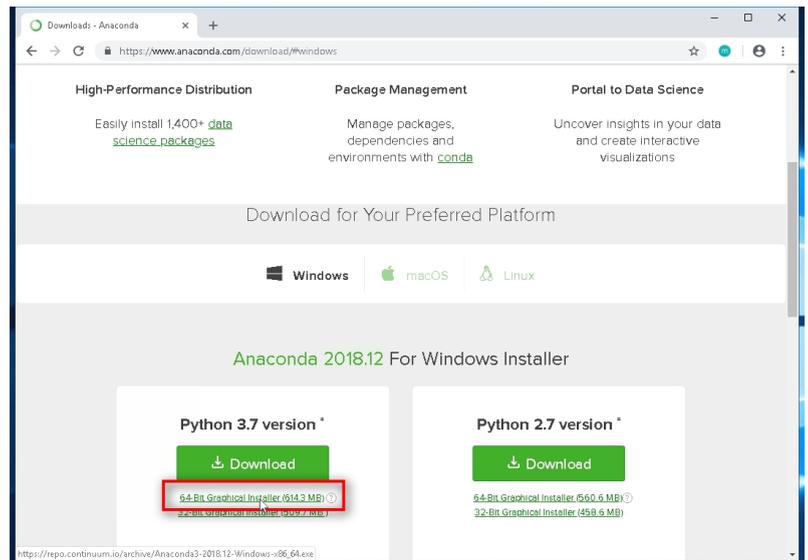

Once downloaded

Click on "Anaconda3-2018.12-Windows-x86_64.exe", or your equivalent to start the installer.
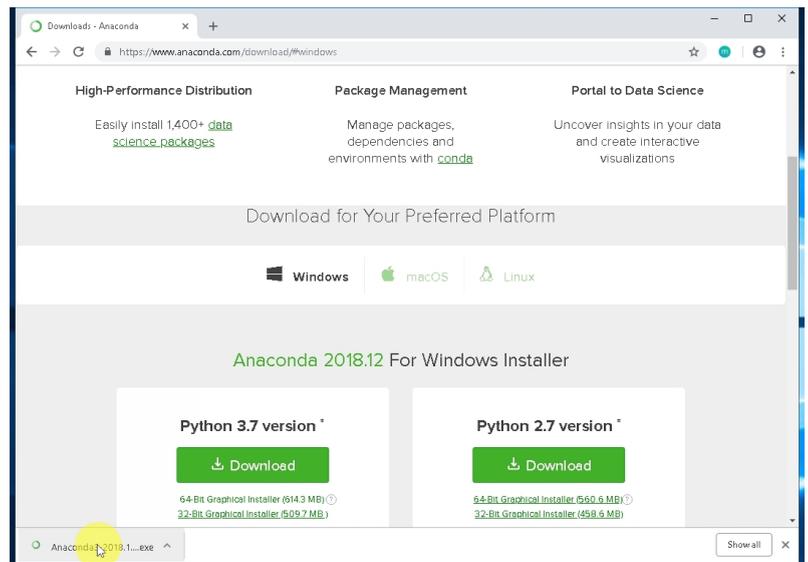

Setup will load
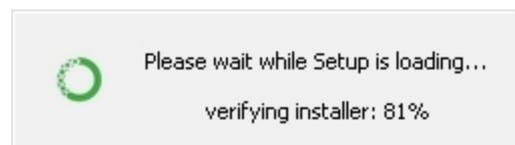
Click next to begin the installation

*Click next on "Anaconda3 2018.12 (64-bit) Setup" dialog.*
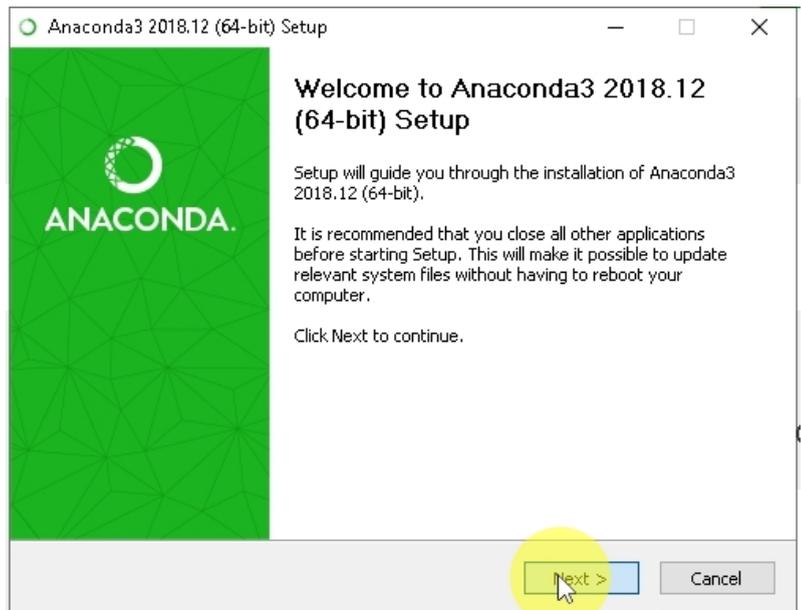
License Agreement

Click on "I Agree" button if you accept the terms of the License Agreement.
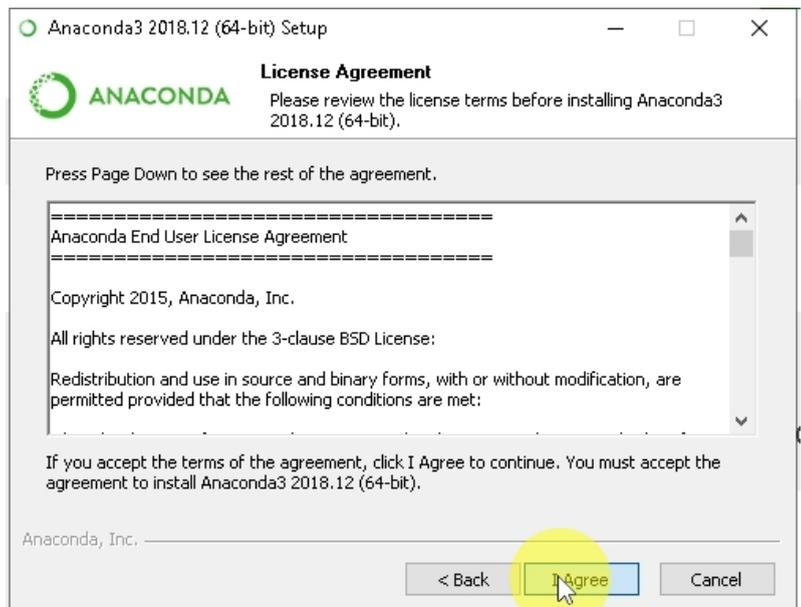
## Selecting the Installation Type

For the purposes of the course, "Just me" is perfect. Select "Just me" and continue the installation process.
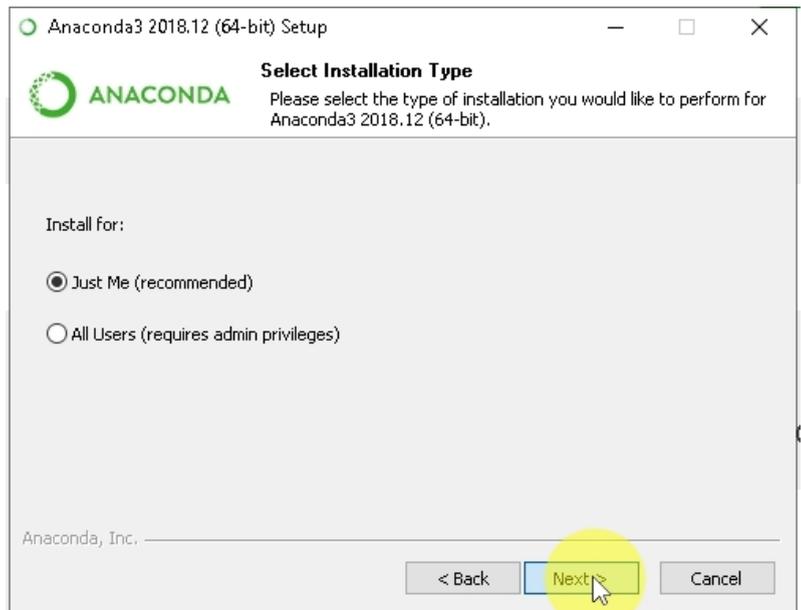
Accepting the destination folder

You can choose where you install Anaconda. If you have a space in your user name, you may with to provide it with an alternative location as that is known to confuse Anaconda.

If not, you can accept the default folder destination as I have done here. Choose what works for you, you won't have problems with the course later on.
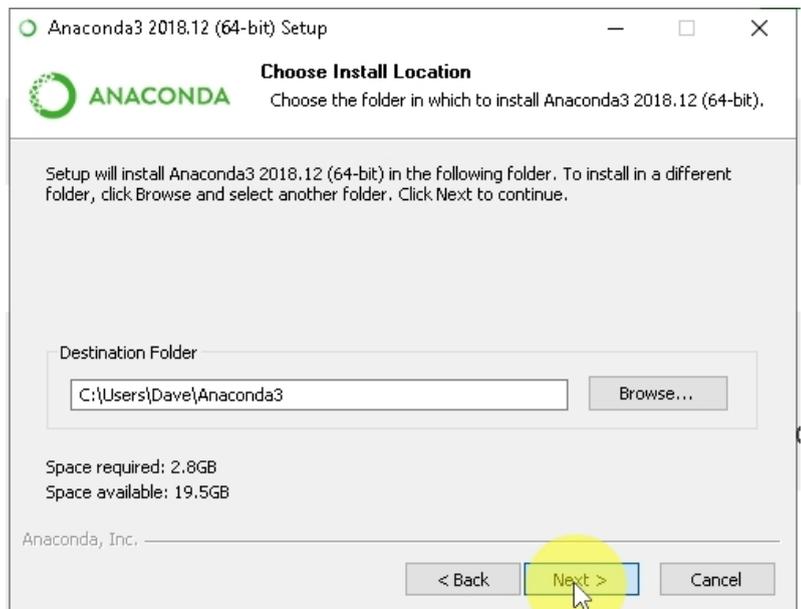
Advanced Installation Options

I have in the past chose the "Add anaconda to my Path", for the course but have standardized on not selecting it. We can run the Anaconda prompt for the examples that need the right version of python.


Leaving these options as-is is gives us the best flexibility. Importantly, we need to make sure that python 3.x is associated with Anaconda (and Jupyter) for our code examples to work, which will happen with our installation regardless.
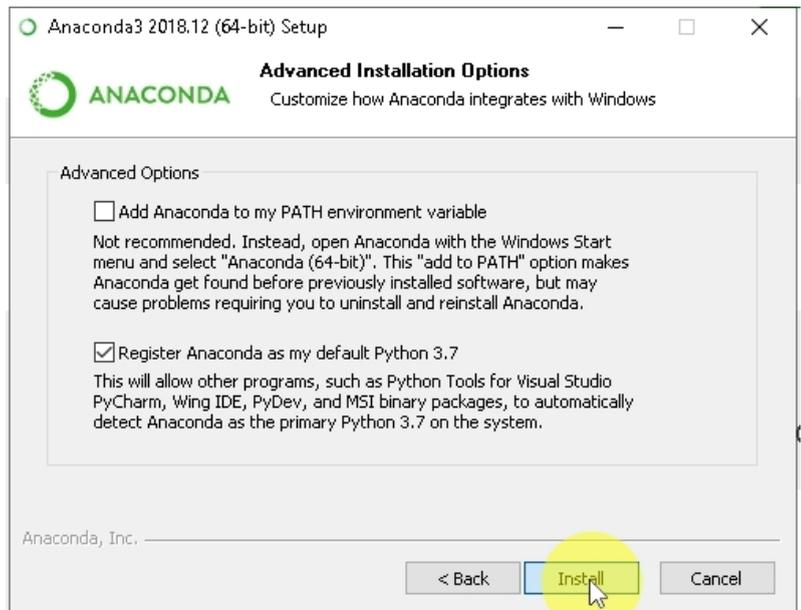
Installation will progress

This will take time!
If you want, you can choose "show details" in order to see additional installation information.
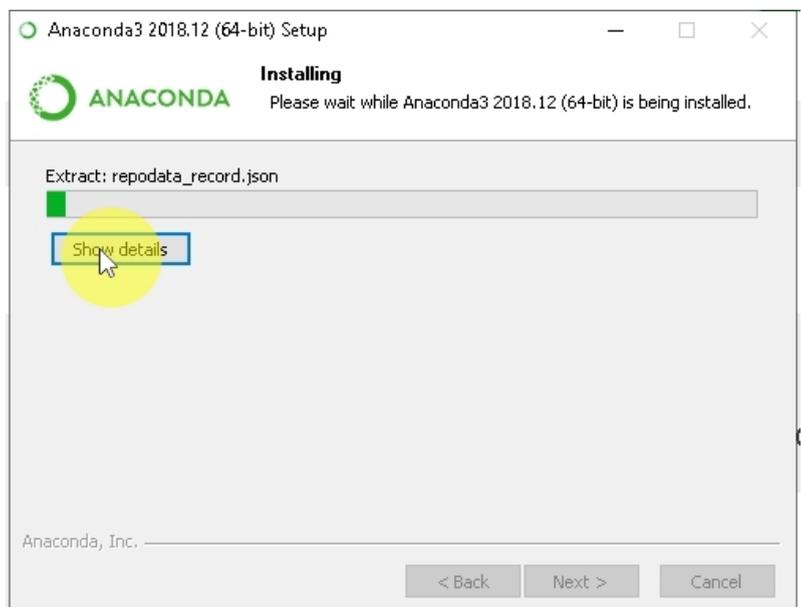
Installation will complete

Click on "Next >" button.
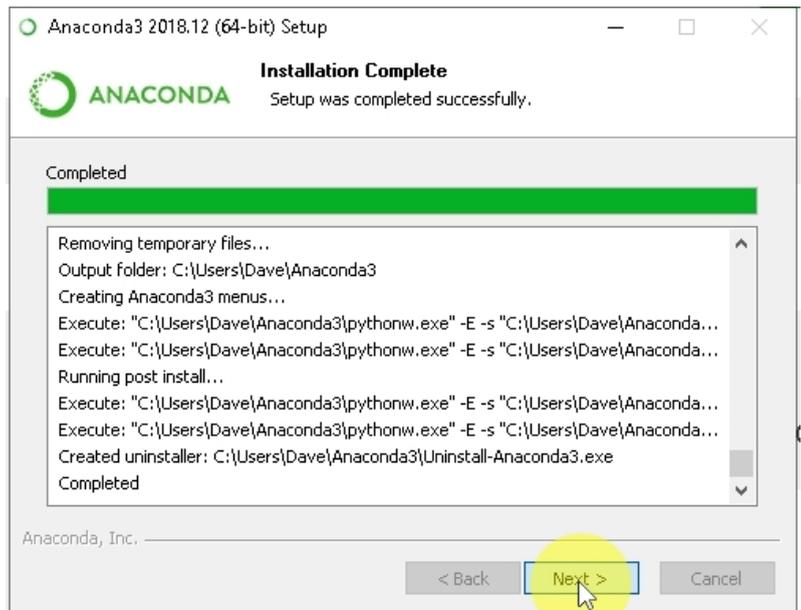
Visual Studio Code

Click on "Skip" button, to skip this optional installation.
The course doesn't use it and you don't need to install it.
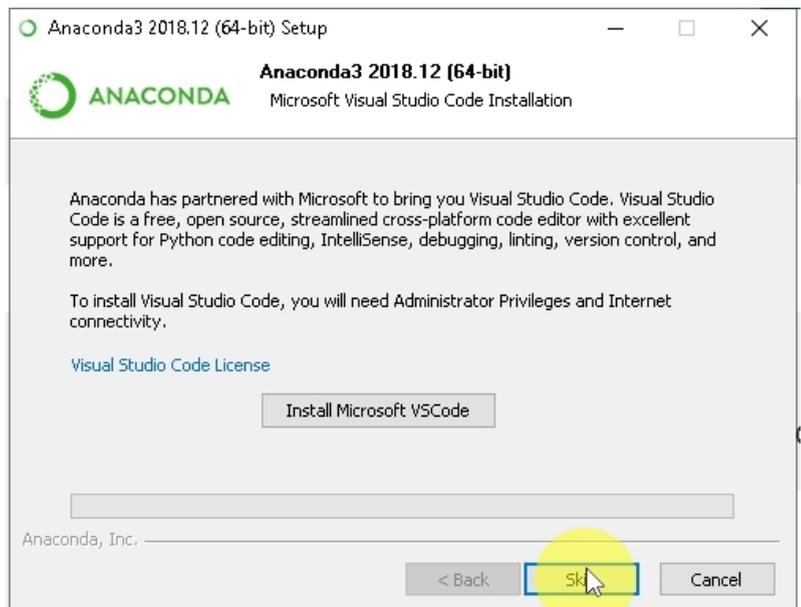
Installation is complete

You can Uncheck "Learn more about Anaconda Cloud", as well as "Learn how to get started with Anaconda", if you wish.

*Finally, you click on Finish to close the installer.*
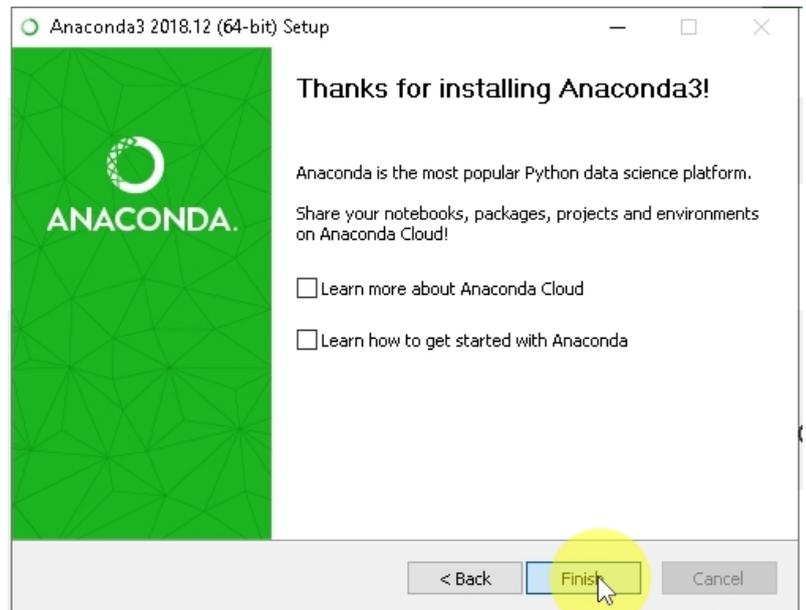
Verifying the Installation

Starting Anaconda Prompt

Select "Anaconda3 (64-bit) (or equivalent)" folder from the windows menu, and then "Anaconda Prompt"
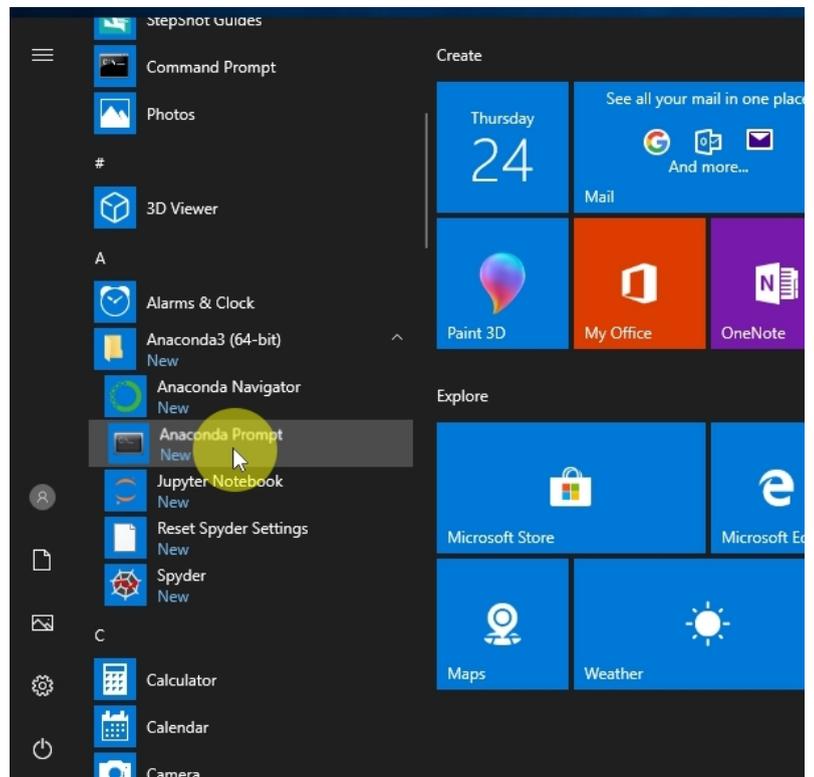
The Anaconda Prompt

Once the Anaconda prompt has started, enter the following command: conda --version
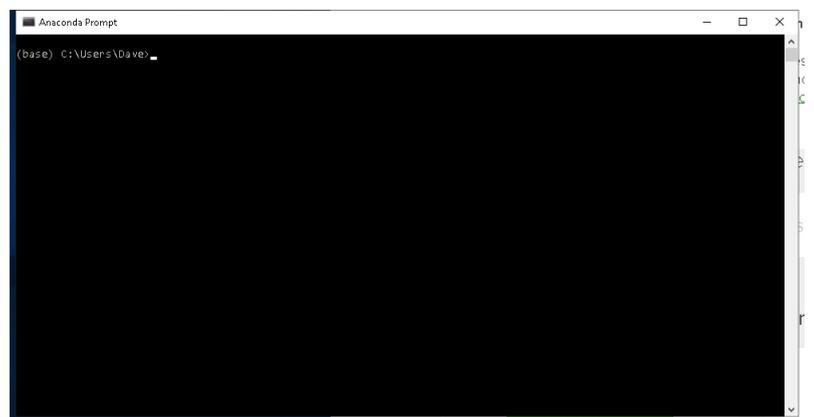
Verifying Version

The following (or later) version should display. Once you've verified this, we should check that installed packages to make sure everything looks clean. Enter:
conda list
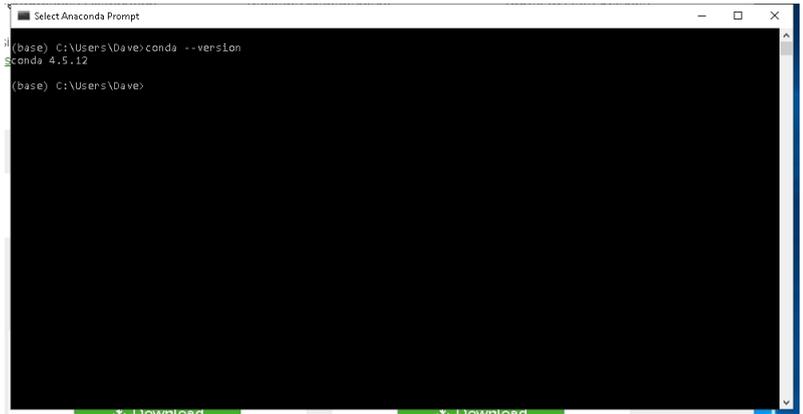
Packages!!!

You'll be presented with a huge list of packages!

All done!

At this point, you've completed the verification of Anaconda installation. Close the window. You now have it fully set up for the course!
Looking forward to seeing you there!