Anaconda Installation Guide

Machine Learning in Python and Jupyter for Beginners

Dave Valentine

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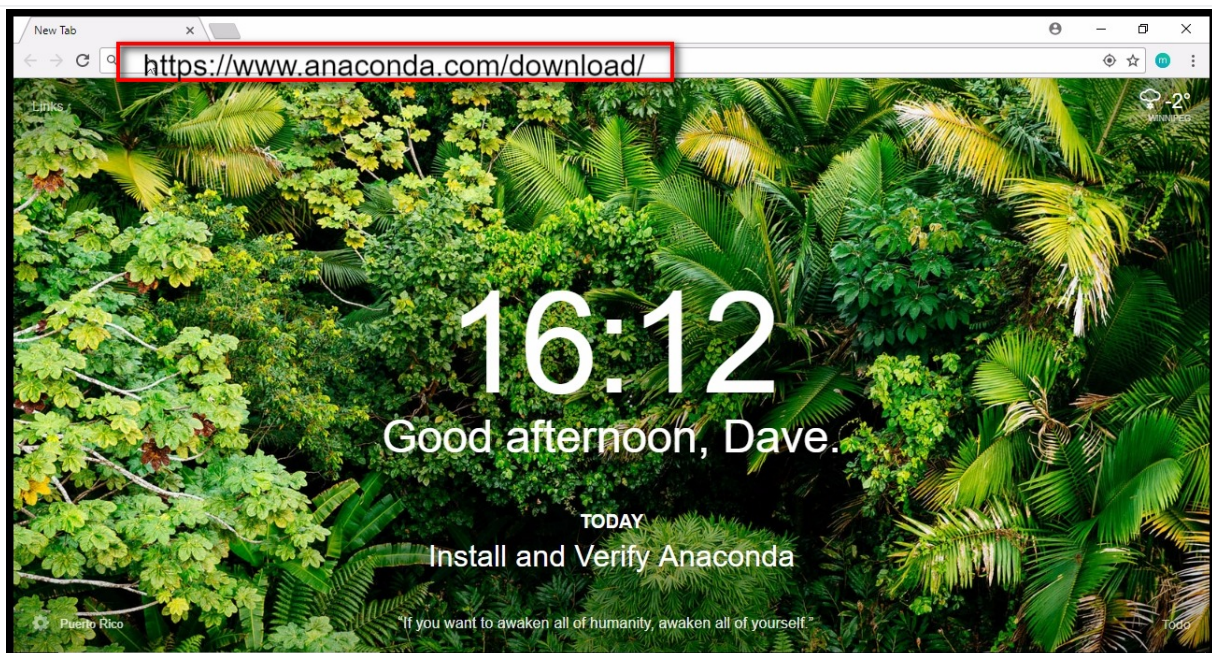
Students are encouraged to download Anaconda, in advance of the class. If you want to install it - please follow these instructions closely to make sure you can run the demonstrations provided later in the course. We will cover installation during the course.

I look forward to sharing this exciting field with you!

Dave Valentine
www.tbdatascientist.com

Start your web browser of choice.
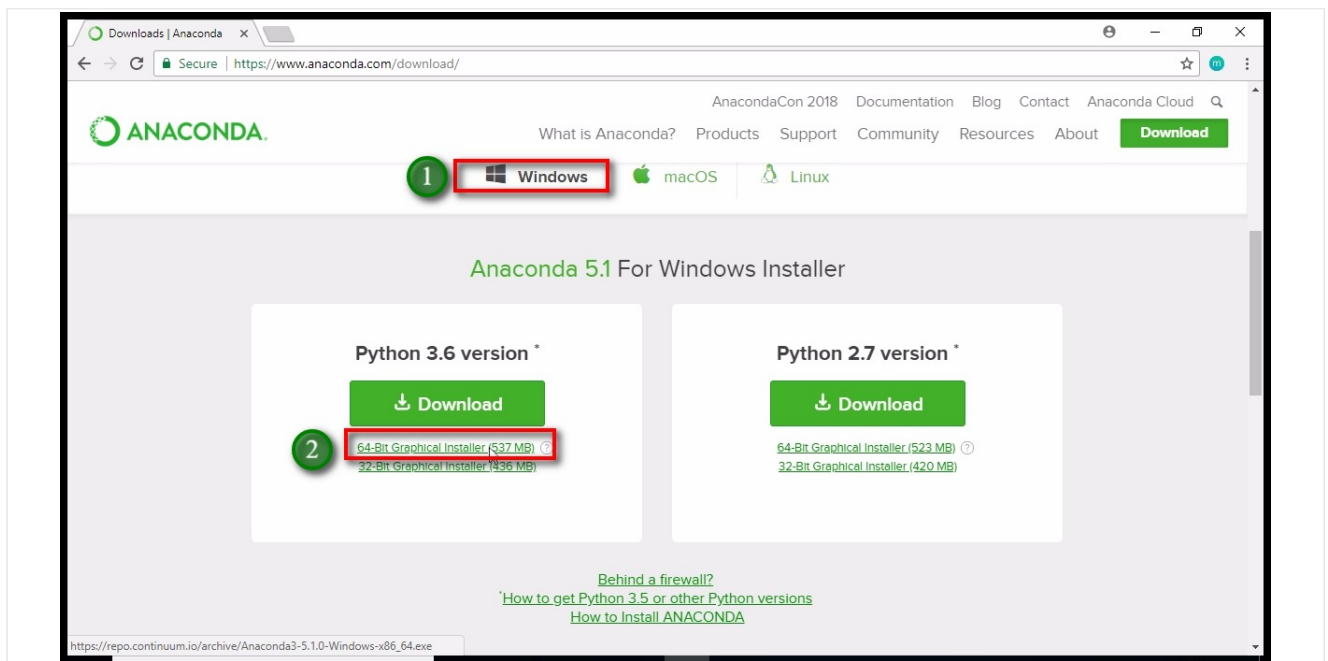
Start up your web browser of choice. I've started up chrome.
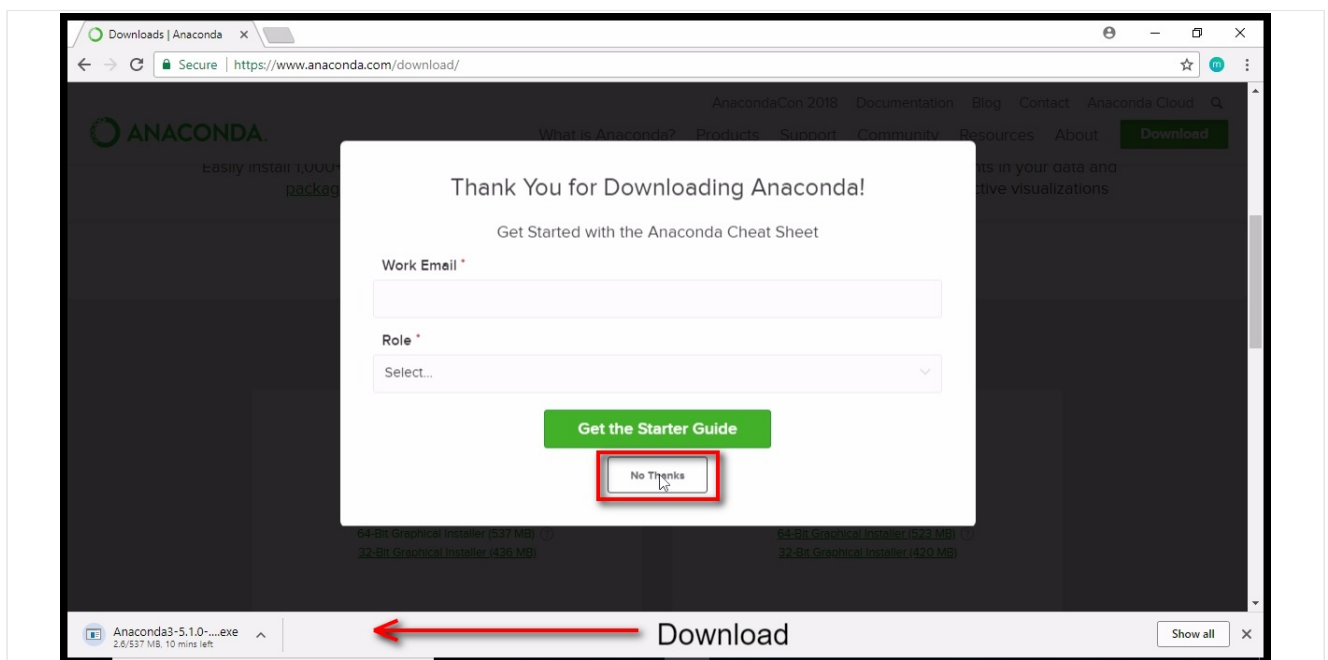
Visit: https://www.anaconda.com/download/

Select your platform and distribution.

I've selected Windows as my platform, (1) and selected 64 bit (2) as my workstation is 64 bit.

Select what is appropriate for your workstation. However, be sure to install the Python 3.6 version.
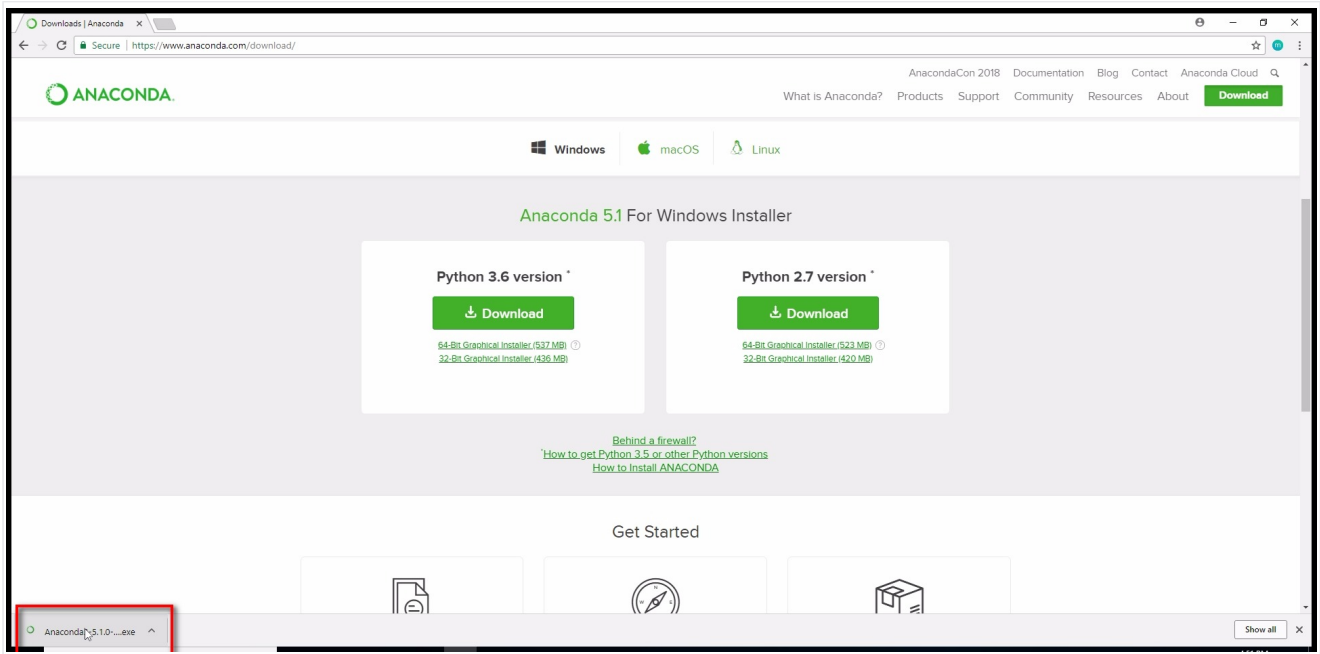

Optional cheat sheet

You'll be presented with the option to get a free cheat sheet. You can sign up for this if you want. (I chose not to bother).
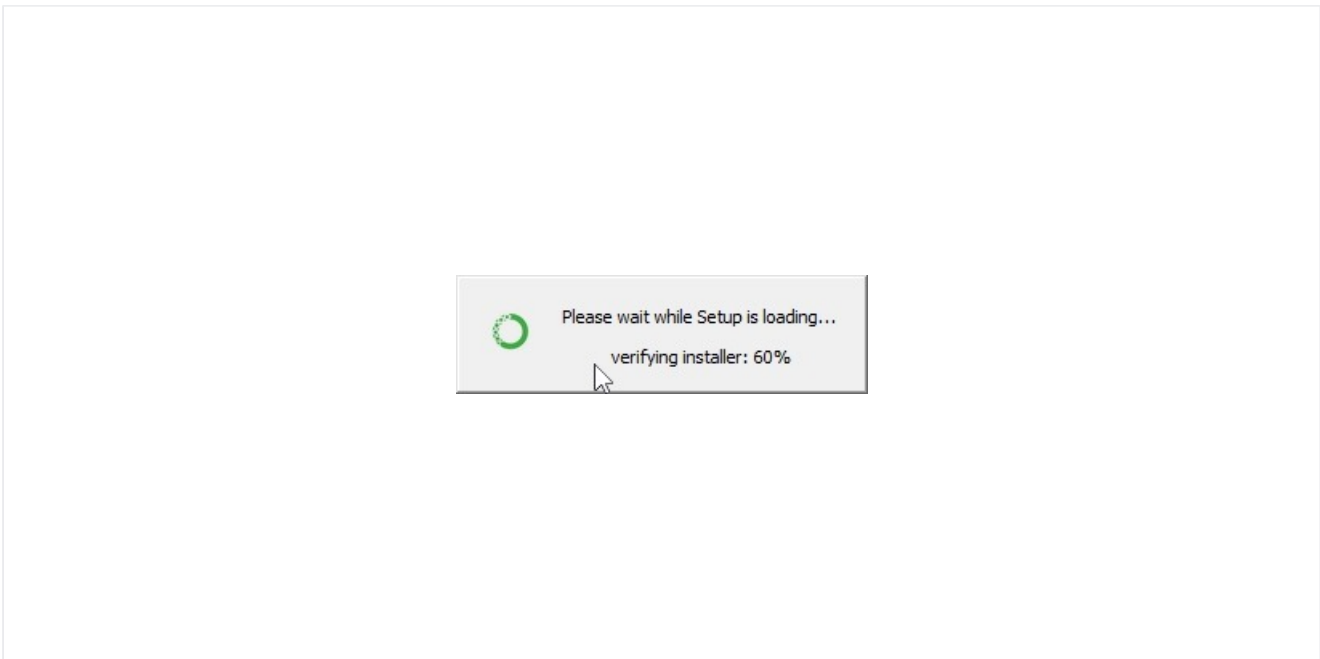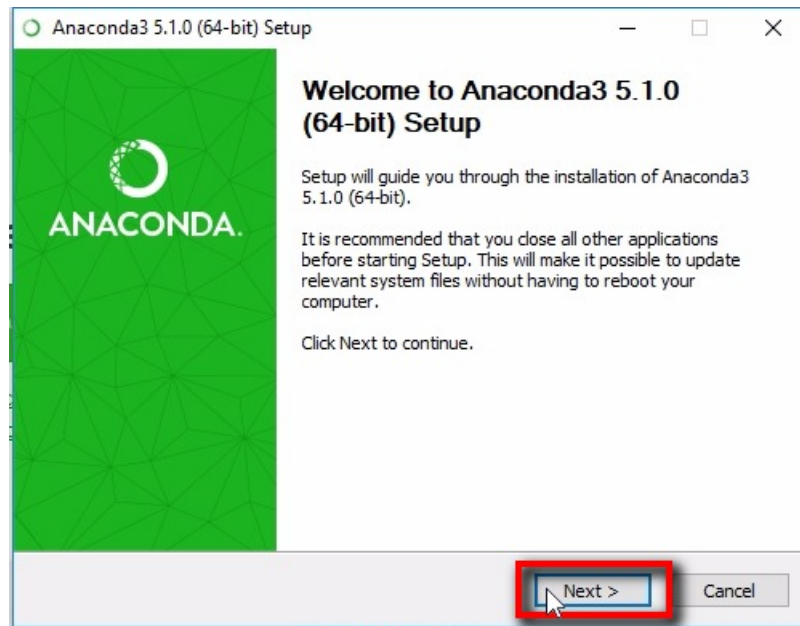
The download should begin.

Once downloaded

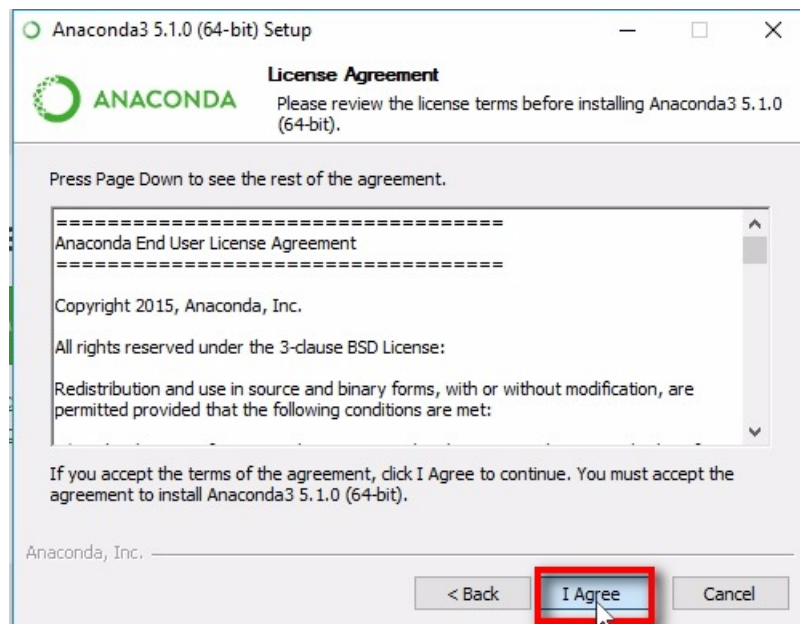Click on " Anaconda3-5.1.0-Windows-x86_64.exe" to start the installer.

Setup will load

Click next to begin the installation

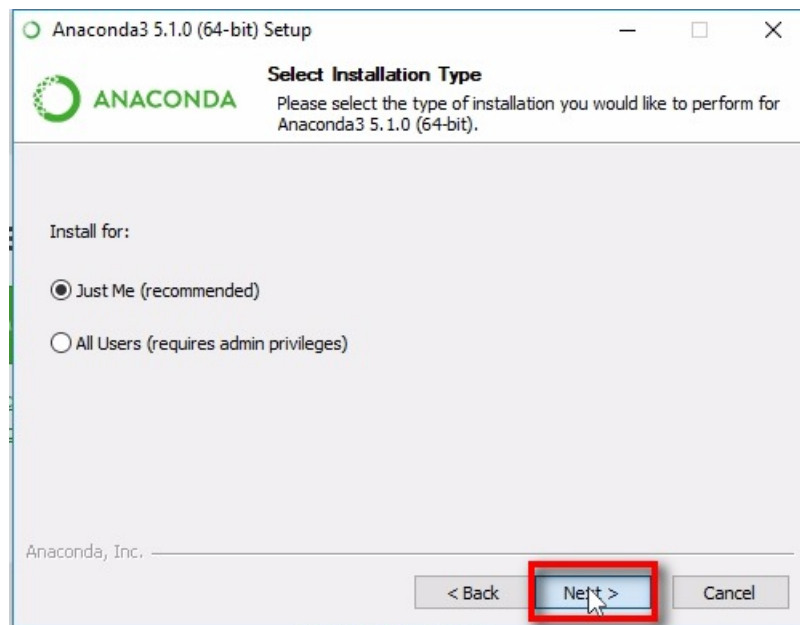Click next on "Anaconda3 5.1.0 (64-bit) Setup" dialog.

License Agreement

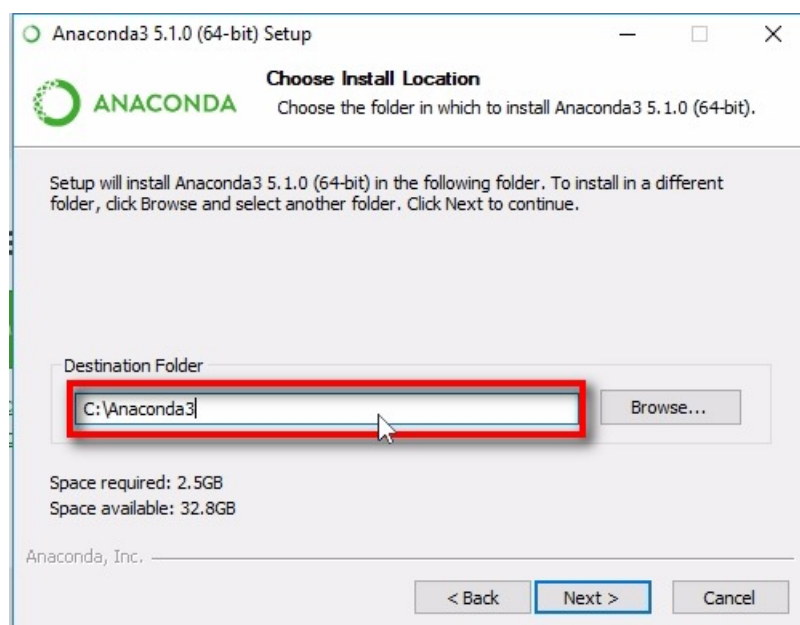Click on "I Agree" button if you accept the terms of the License Agreement.

Selecting the Installation Type

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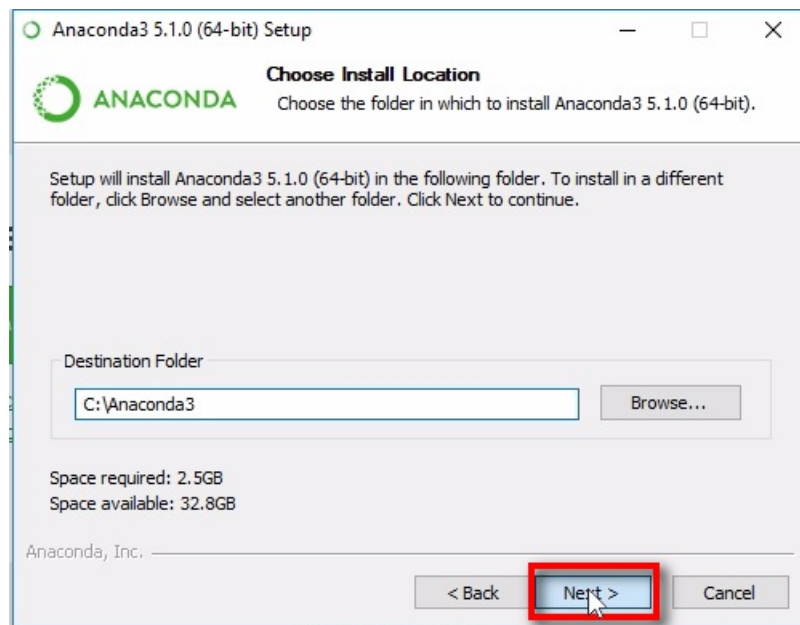

Edit the destination folder

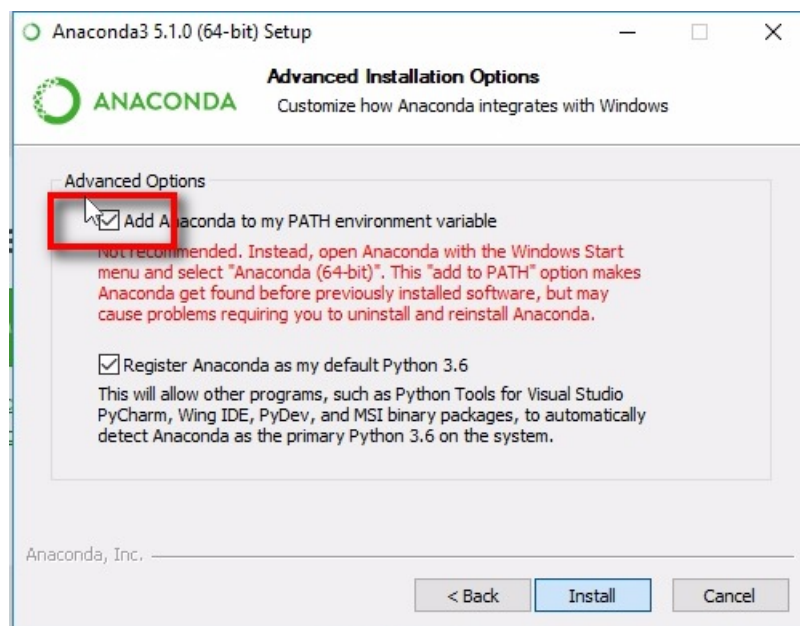Edit the destination folder to be C:\Anaconda3

TIP: Anaconda normally installs in the user directory, but it can become confused if the username has special characters or spaces. It's much better for the purpose of our course to standardize to C:\Anaconda3
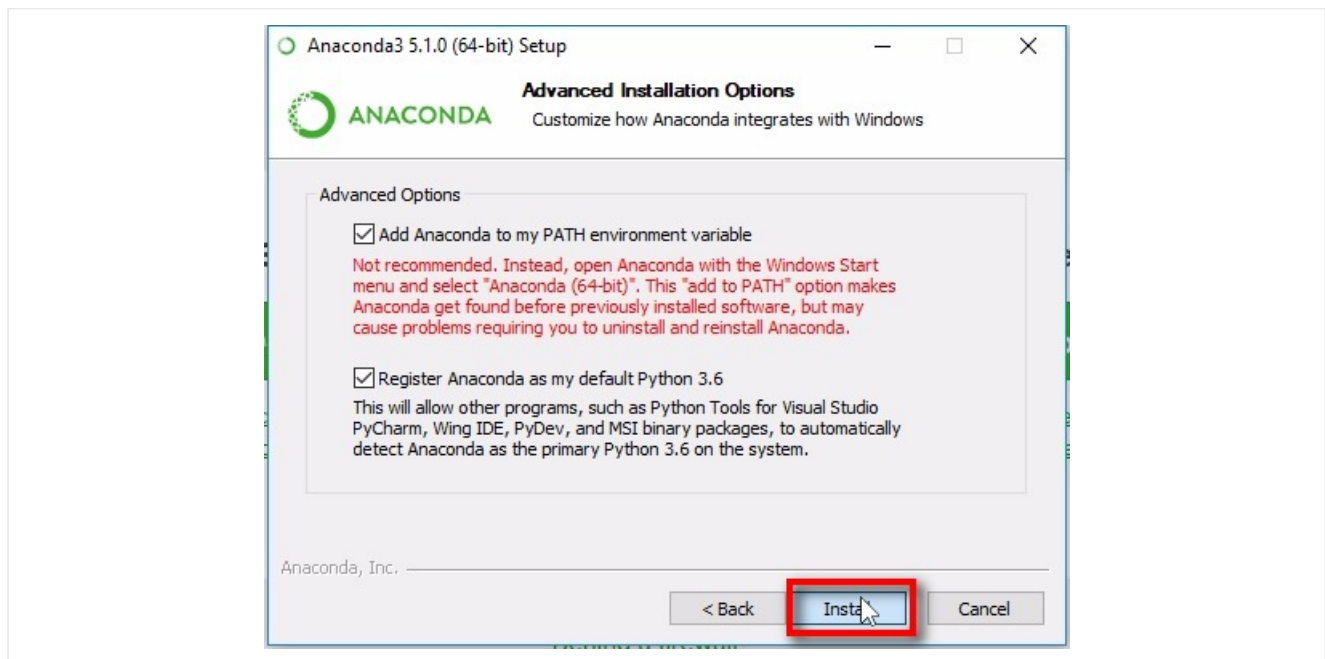
Click on "Next >" button

Continue the install by clicking next.

Check "Add Anaconda to my PATH environment variable"

While this is "not recommended" - in the course we'll be demonstrating how to run Python programs in the command line. Selecting this option will make sure that the demonstration works. If you have problems later on as a result of this installation, you can un-install anaconda after the course.
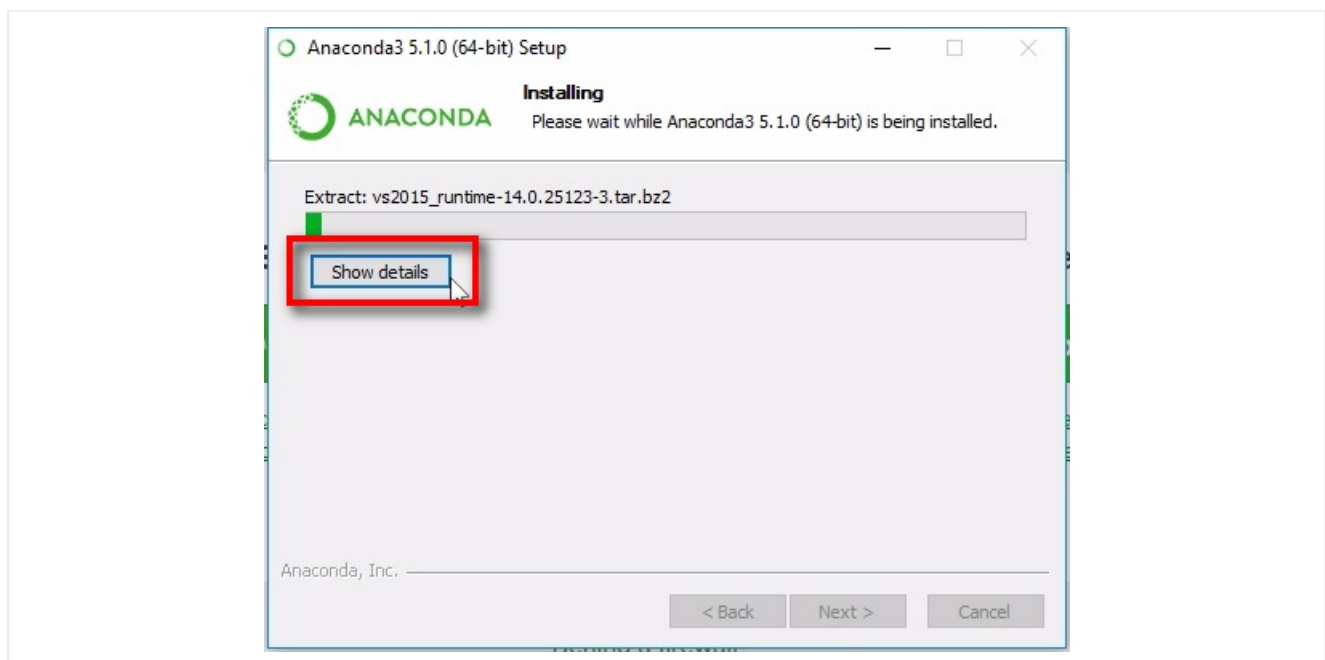
If you'd rather not install this setting, one minor demonstration of the course won't work for you.

Click on "Install" button

Continue the installation

Installation will progress

This will take time!

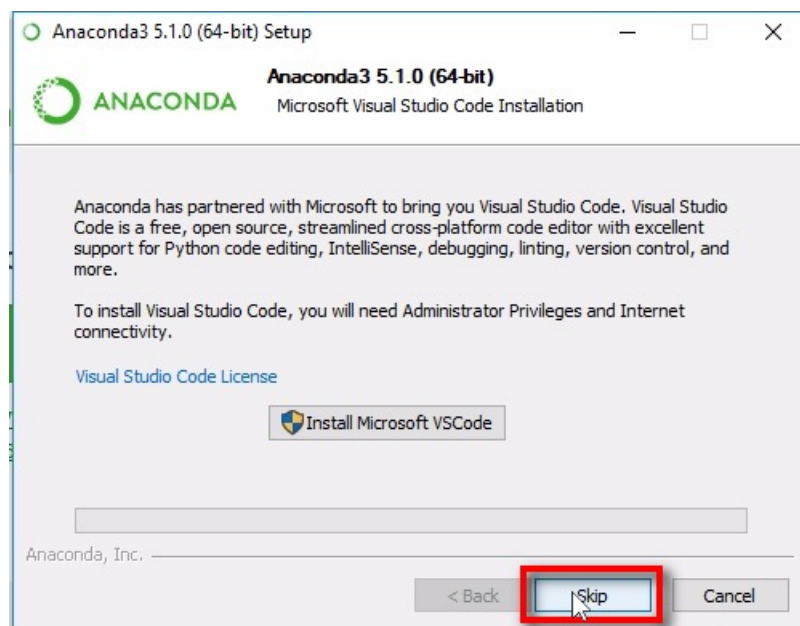If you want, you can choose "show details" in order to see additional installation information.
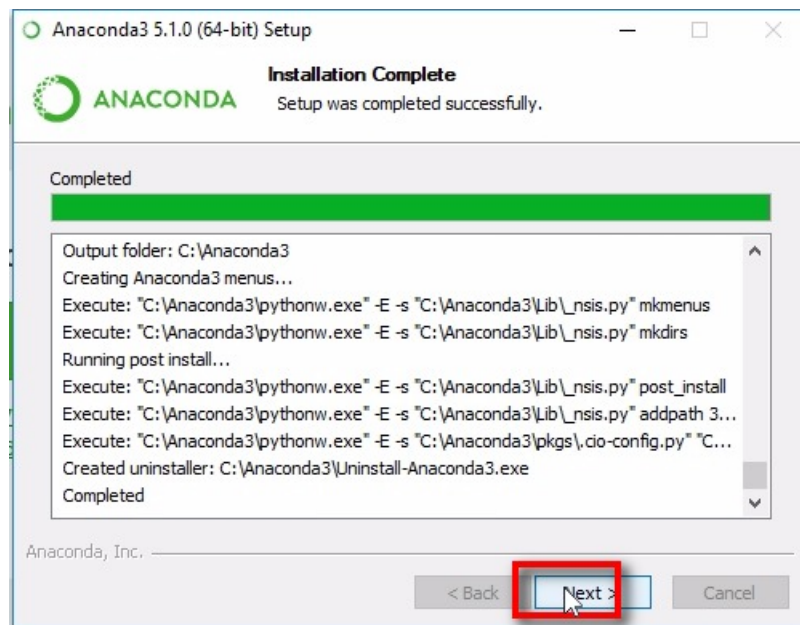
Installation will complete

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.
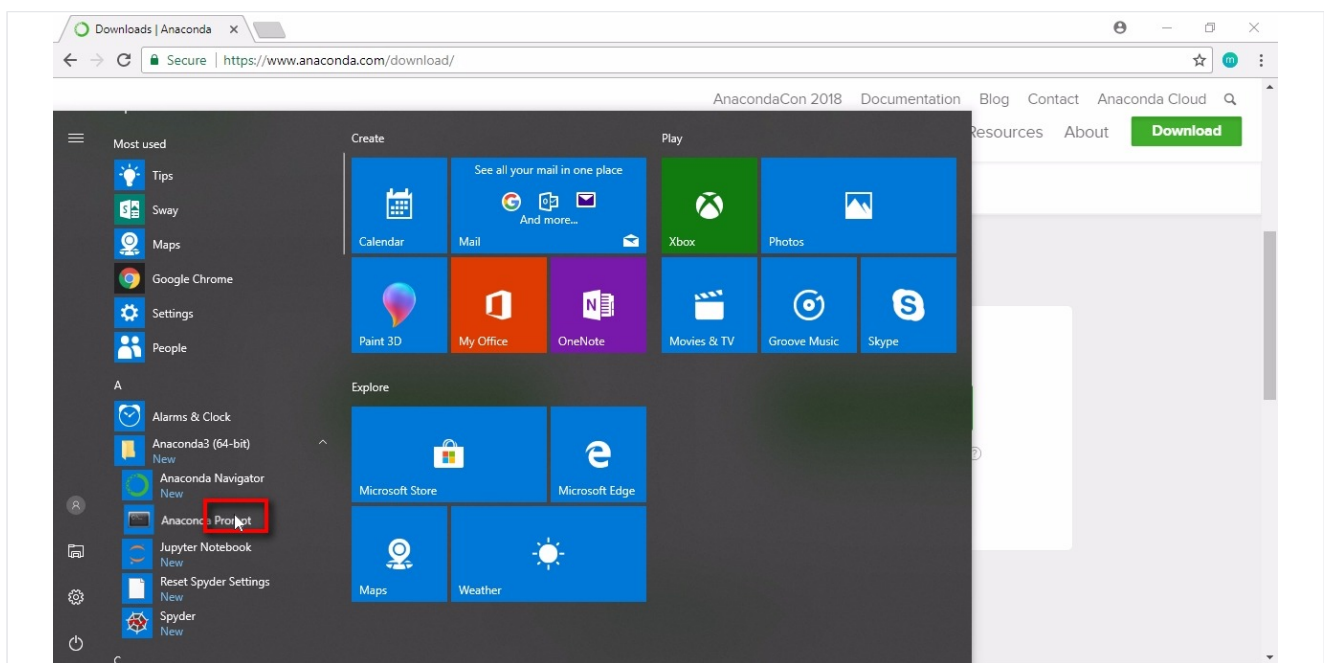
Installation is complete

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)" folder from the windows menu, and then "Anaconda Prompt"
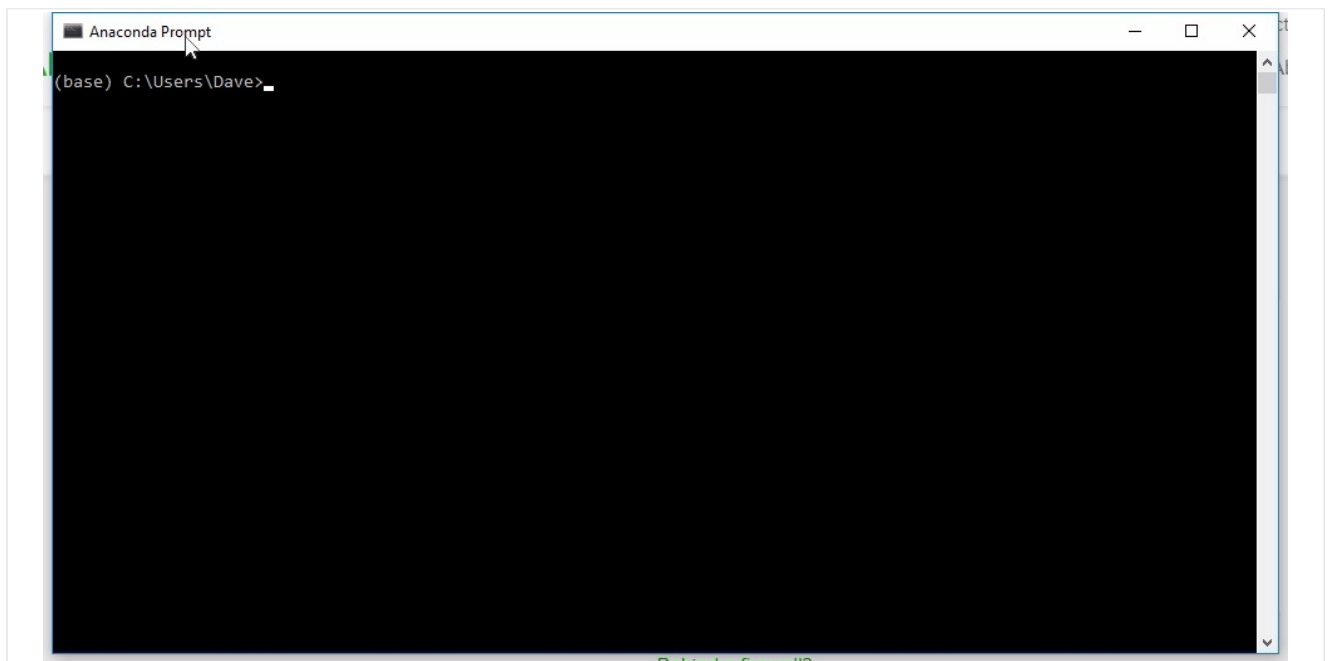
The Anaconda Prompt

Once the Anaconda prompt has started, enter the following command:

conda --version
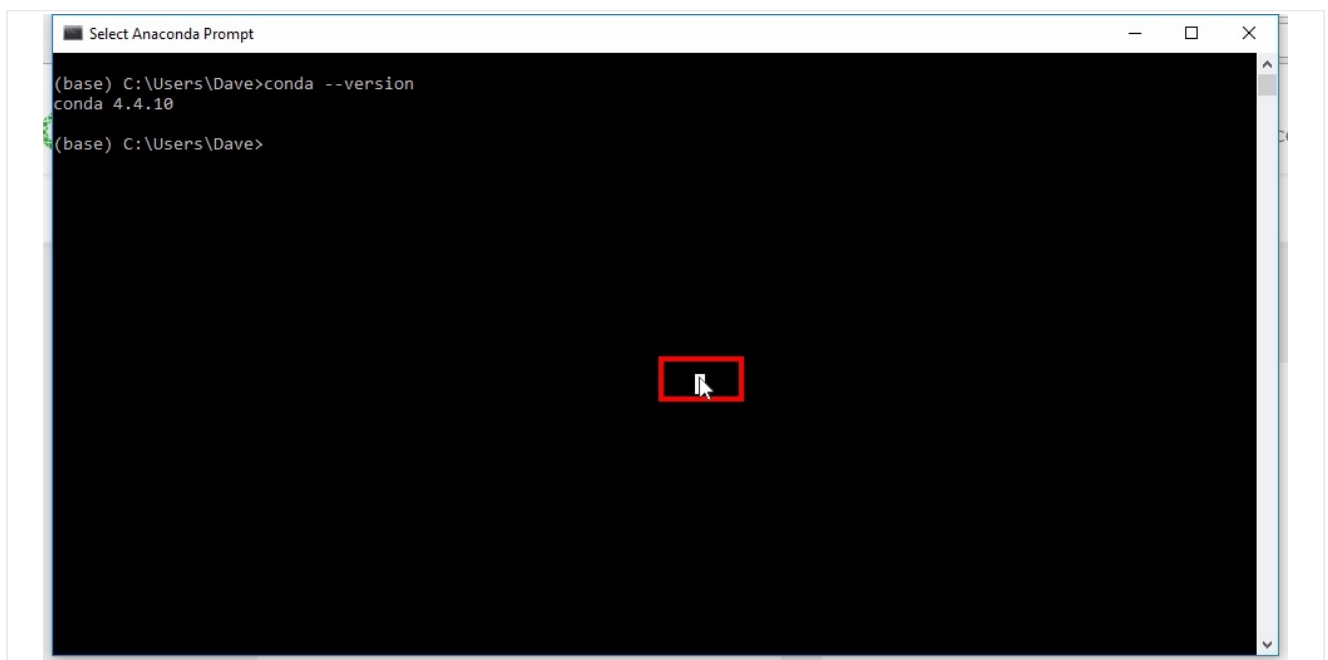
Click on "Text Area" document

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!

All done! See you in the course!