

Getting started with Python – Installation and setup

Anaconda

First, we will need to download Python. For this we will use the “distribution” called Anaconda. Anaconda will create an environment for us that contains the actual program itself, together with some other relevant installations. Go to: <https://www.anaconda.com> and download Anaconda – default settings are perfect.

GitHub

GitHub provides a nice way for us to save work, collaborate, find other useful resources etc. I highly recommend that you sign up at GitHub: <https://github.com>. Afterwards you will need to download git to your computer so that we can connect to the web version. If on windows download git here: <https://git-scm.com>. If you are on mac download homebrew from: <https://brew.sh> open it and type “brew install git” in the terminal prompt.

Editor

A text editor makes life a lot easier when writing code. I prefer visual studio code (VScode), and will teach you how to set this up – but there are many other editors out there. Find one you like.

Download VScode here: <https://code.visualstudio.com> and install it with default settings. When you have downloaded it, find the extensions at the left bar and install python. Press ctrl+shift+p and select the interpreter that contains “anaconda” it it’s path. Open the terminal and run the following commands:

```
git config --global user.email "YOUR E-MAIL"
```

```
git config --global user.name "YOUR GITHUB USERNAME"
```

this will allow for connections to GitHub.

You should now be all set to follow this course!