Software Installation

Also see:

1. The VS Code Install/Basic Tutorial
2.

Lectures

You will need to pick the appropriate platform for some of these. If you are working on Linux then let me know. I will build videos specifically for that. (If you have both a Mac and a Windows system then do both if you want) The final section on debugging is common to both (The Path for setup of Anaconda is different on Windows)

Lecture 02: Intro to installs - https://youtu.be/vQIcQ7EZ95U
Lecture 02: Windows - Install Chocolatie and Git - https://youtu.be/kY5r44GnyGk
Lecture 02: Windows - Install Anaconda Python - https://youtu.be/UtnHY7mvk0I
Lecture 02: Windows - Install Visual Studio Code - https://youtu.be/ugyTp99ttew
Lecture 02: Mac - Install Xcode - Brew
Lecture 02: Mac - Install VS Code - https://youtu.be/KkgjmQd1C5s
Lecture 02: Mac - Install Anaconda Python - https://youtu.be/S4PBPX2NSds
Lecture 02: Both Mac and Windows - setup VS Code for Anaconda Python - Use debugger

From Amazon S3 - for download (same as youtube videos)

Lecture 02: Intro to installs
Lecture 02: Windows - Install Chocolatie and Git
Lecture 02: Windows - Install Anaconda Python
Lecture 02: Windows - Install Visual Studio Code
Lecture 02: Mac - Install Xcode
Lecture 02: Mac - Install VS Code
Lecture 02: Mac - Install Anaconda Python
Lecture 02: Both Mac and Windows

1. Install XCode (Apple Store) On your Apple Mac bring up the Apple Store. Search for “XCode” - it is free. Install.
2. Install brew / git. Search for “mac brew”. Cut and paste the line. Bring up a “terminal” - In the finder brows to your /Applications, then in the Utilities you will find a terminal. Paste the “brew” install line into that. Run. Now at the command line do `$ brew install git` . https://brew.sh/

3. Install iTerm2 - Search for “iterm2” and follow the instructions to install a better terminal. Use that instead of the Mac default Terminal application. https://www.iterm2.com/
4. Install Chrome (if you have not already done it) (Search for “Download Chrome” - follow googles instructions) https://www.google.com/chrome/?brand=CHBD&gclid=CjwKCAjwyo36BRAXEiwA24CwGSgDDdrI4XOUKv4CPwFQfs7M2HaXiRJ-MMeszA20rC72r-9U13-8jBoCQV4QAvD_BwE&gclsrc=aw.ds [
5. Install VS Code. Search for “Visual Studio Code” Install. The add the “Python Package to it”. I also installed the “Python Lint” package. https://code.visualstudio.com/download
6. Install Anaconda Python. Search for “Mac Install Anaconda Python” - install the anaconda package (Takes a while). https://www.anaconda.com/products/individual

PC (Windows 10) Installs

1. Install chocolatey for Windows 10, this is a package manager. You will need to determine if your system is 32 bit or 64 bit. This will be true for most of the Windows Installs. https://chocolatey.org/install
2. git for windows (Includes MinGW and bash) https://git-scm.com/download/win
3. Install Chrome (if you have not already done it) https://www.google.com/chrome/?brand=CHBD&gclid=CjwKCAjwyo36BRAXEiwA24CwGSgDDdrI4XOUKv4CPwFQfs7M2HaXiRJ-MMeszA20rC72r-9U13-8jBoCQV4QAvD_BwE&gclsrc=aw.ds
4. Install VS Code https://code.visualstudio.com/download
5. Install Anaconda Python https://www.anaconda.com/products/individual

Linux Installs.

This depends on the kind of Linux Ubuntu, RedHat, CentOs, Arch etc, that you have. Let’s get together and figure out hat detail and work on it one-on-one.

Configure and Demo of Using Debugger

1. Configure VS Code (common) (Note on Windows the path (if you have to enter it) is `C:\anaconda3\python.exe` Usually VS Code will give you a drop down menu to pick from.
2. Use VS Code debugger (common)