

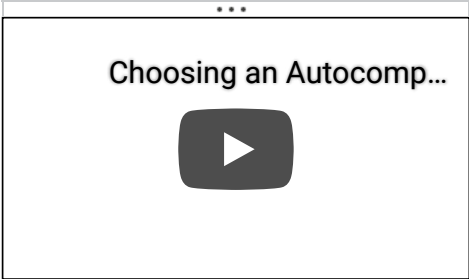



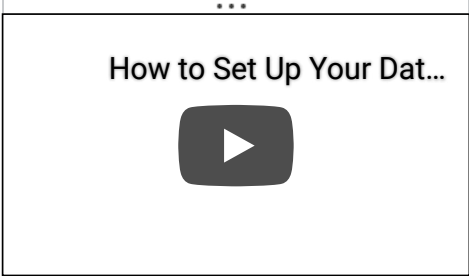
Wyatt Ortibus – Demo 1

Thursday, September 30, 2021 5:41 PM

Hello all! I thought for Demo 1 it would be good to show you all what I use for Python before we go into more focused topics on data science in these Demos. I also thought it would be interesting to show and see what other people use to navigate the world of Python.

Wyatt's Tool Kit

Name (with quick facts)	Wyatt's Notes	Site and Other Relevant Material
<p><u>Code Abbey</u></p> <ul style="list-style-type: none"> Free Practice Core programming skills Problem solving development 	<p>A nice site to practice code for python. 235 coding problems that help problem solving skills and code language. Starts off easy then builds in difficulty. One tricky element in starting is getting the site's input method to work, just note if that data is coming at you in pairs with spaces, single inputs or whatever problem method the site throws at you.</p> <p>I personally keep tabs of all the code I create for this site as they can be pretty useful for using on other works of code or projects.</p> <p>Note: Do not look online at the posted solutions, it cheapens the victory when you figure these problems out. It's sometimes good to draw out the problem for the harder levels. Also helps to go back to easier problems and compare to other solutions from users to see how to improve your code.</p>	<p>https://www.codeabbey.com/</p> 
<p><u>Jedi & Kite</u></p> <ul style="list-style-type: none"> Automation Open Sourced Free 	<p>A nice autocomplete software, easy to install and open sourced. The main sites tells you how to use the library when coding. There are also plenty of YouTube tutorials on other autocompletion works like Jedi & Kite. If your using the data camp you will have seen a good auto complete engine in work as it pulls up a few of the items in the problems.</p> <p>I jump between Kite and Jedi though I tend to use Jedi more just for the namesake. Anything that saves you time and energy when coding is always welcome in my books. Plus when using these programs to help you solve practice problems for class assignments or other places like codeabby, you end up rewriting a lot of code over and over again when testing out new methods/ideas.</p>	<p>https://jedi.readthedocs.io/en/v0.16.0/index.html https://www.kite.com/</p>  <p>JEDI</p> <p>(For Quick Overview of Autocompletion Works)</p> <p>Choosing an Autocomplete for Python</p> 

<p><u>Anaconda</u></p> <ul style="list-style-type: none"> Free Package management and deployment Fun Toys and Tools for Python! 	<p>A nice toolbox of items for data science. Personally, I only dipped my toes into Spyder, Jupyter and JupyterLab but that's only the surface level of what Anaconda has. Jupyter and CoCalc run and look very similar, so it was an easy transition to use that for assignments. You will also need to use the free individual version if you want to download anaconda.</p> <p>I personally like how everything I need for python is on a single homepage when installed. Jupyter notebook is a good tool to use to learn python with and test out lines of code. There is plenty of YouTube videos if you want to dig deeper into anaconda.</p>	<p>https://www.anaconda.com/</p>  <p>How to Set Up Your Data Science Environment (Anaconda Beginner)</p> 
<p><u>Python Books</u></p> <ul style="list-style-type: none"> Extra Material to review and develop skills Beginner to Advance skill development in Python. 	<p>Just a few books that I have as backup material in case things get intense in python and the internet fails to provide clarity on codework. Some of the items are covered in class, especially the starting book and the early chapters. Most can be "<i>found</i>" on the internet or Chapters/Amazon/Bookstores.</p>	<ol style="list-style-type: none"> I. Learning Python by Mark Lutz II. Python Cookbook by David Beazley III. Fluent Python by Luciano Ramalho IV. Learn Python 3 The Hard Way by Zed Shaw