

Introduction to Python Data Analysis

November 1, 2023

Greeting everyone,

First, a big thank you!

I want to thank you all for registering and attending my session. While I have not meant anyone yet I know that we all share two things in common; first, our curiosity; and second, our love for data. There is so much to learn and explore with data that can't be explained in an hour and a half, but I will establish a foundation for data that will be invaluable as partake in your quest to learn data science. Before the big day, I ask you to download python programming language and anaconda onto your device. Below are instructions for how to download the necessary software for our session. I can't wait to meet you all on Monday.

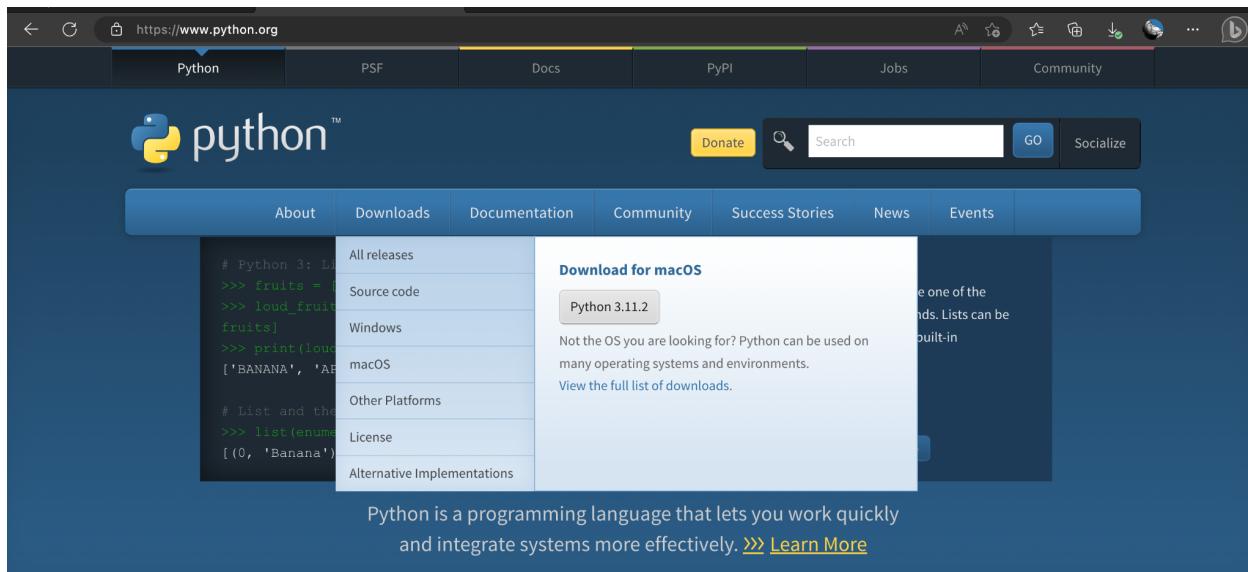
Sincerely,

Mallik M. Redwood

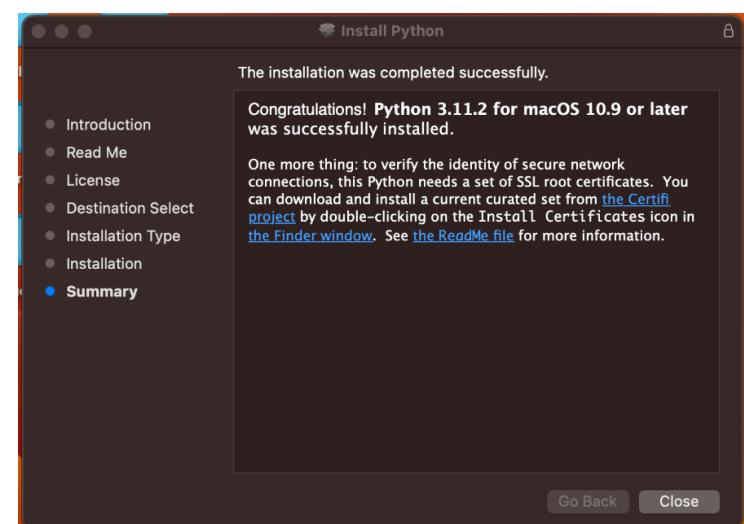
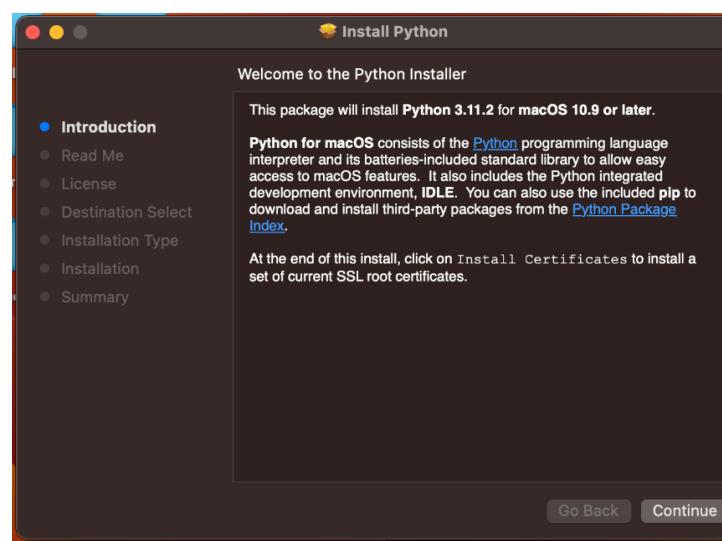
For macOS users:

Step 1: Open a browser and enter <https://www.python.org>.

Step 2: Open the Downloads tab, and select Python 3.11.2 or the latest version of Python.

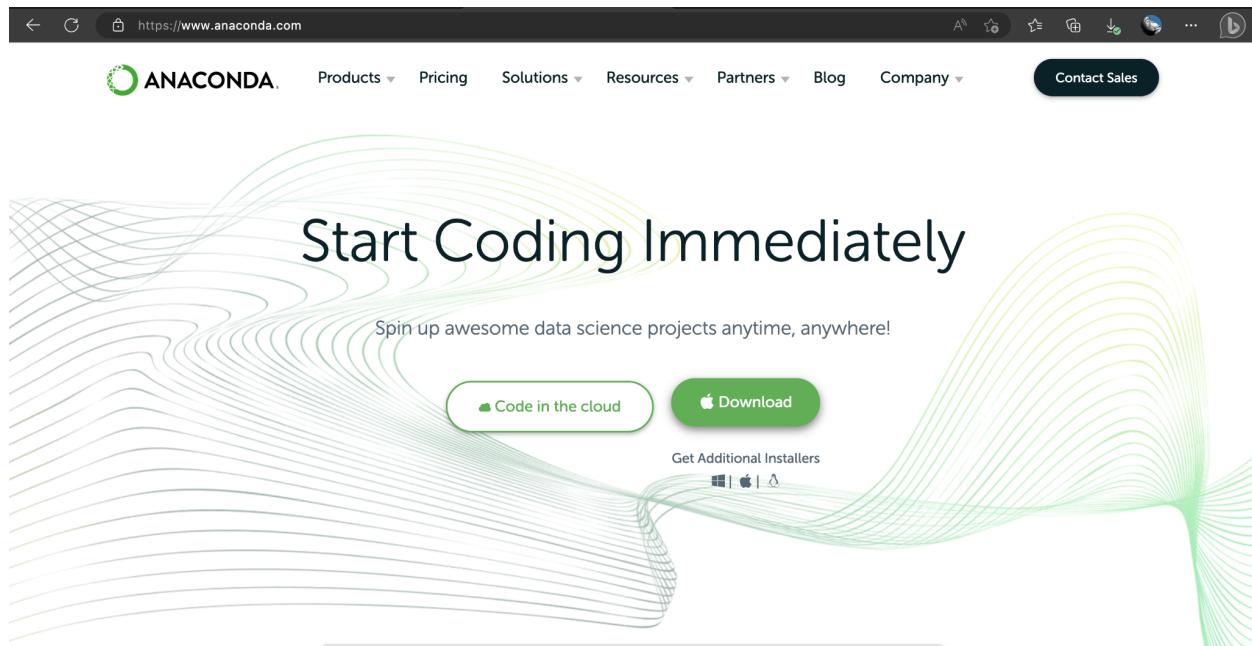


Step 3: Once download is completed, you will be presented with the Install Python pop-up. You will need to read everything presented to you, and click “continue” to move forward. At the end, you will need to click “agree” to complete the installation of Python.

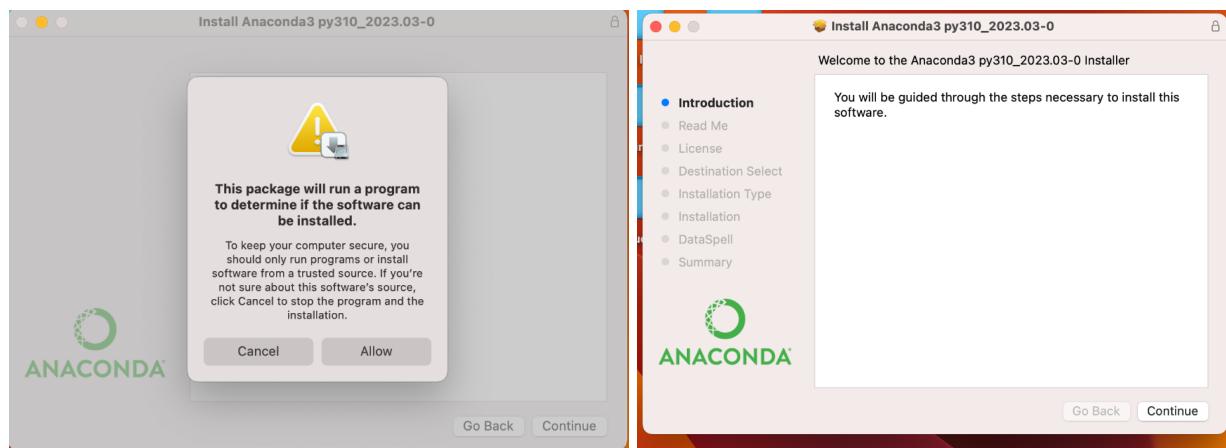


Step 4: Open a browser and enter <https://www.anaconda.com>.

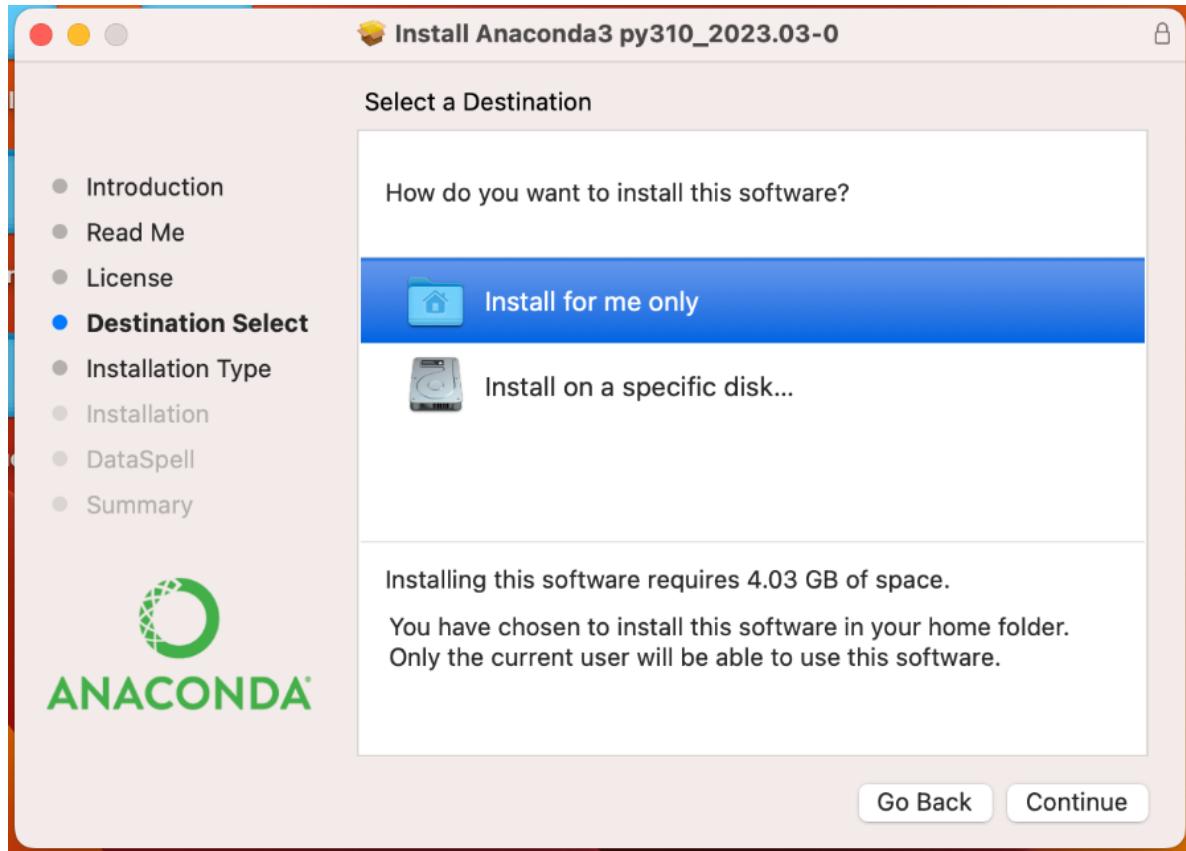
Step 5: Click the green “Download” icon.



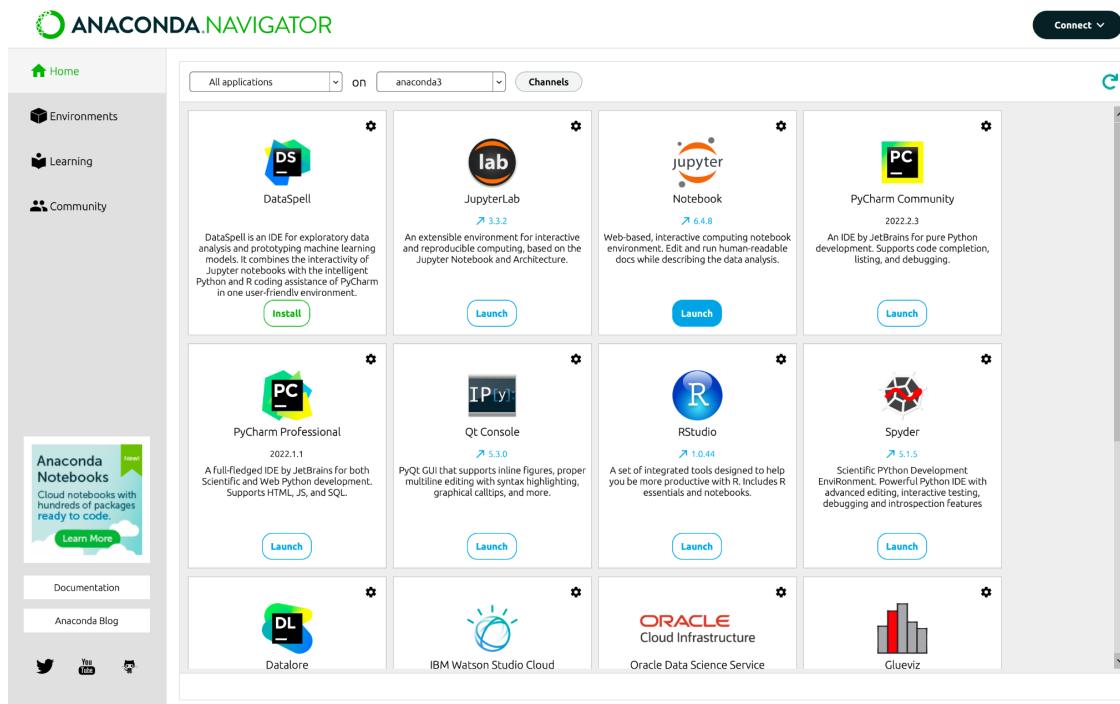
Step 6: Once download is completed, you will be presented with the Install Anaconda3 pop-up. You will see “This package will run a program to determine if the software can be installed.” You will click “allow.”



Step 7: When you approach the guide labeled “Destination Select”, you want to select “Install for me only” and hit continue.



Step 8: Launch anaconda navigator, you will see a launch pad of different IDE or integrated development environment, make sure Jupyter Notebook is installed. It will say “Launch” if the Jupyter Notebook is installed.

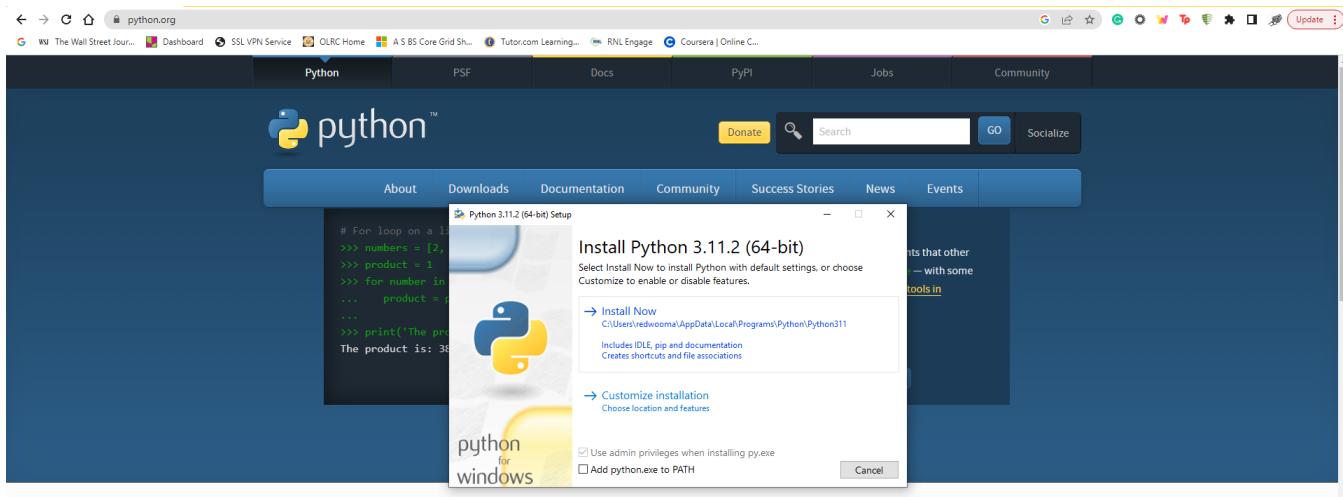
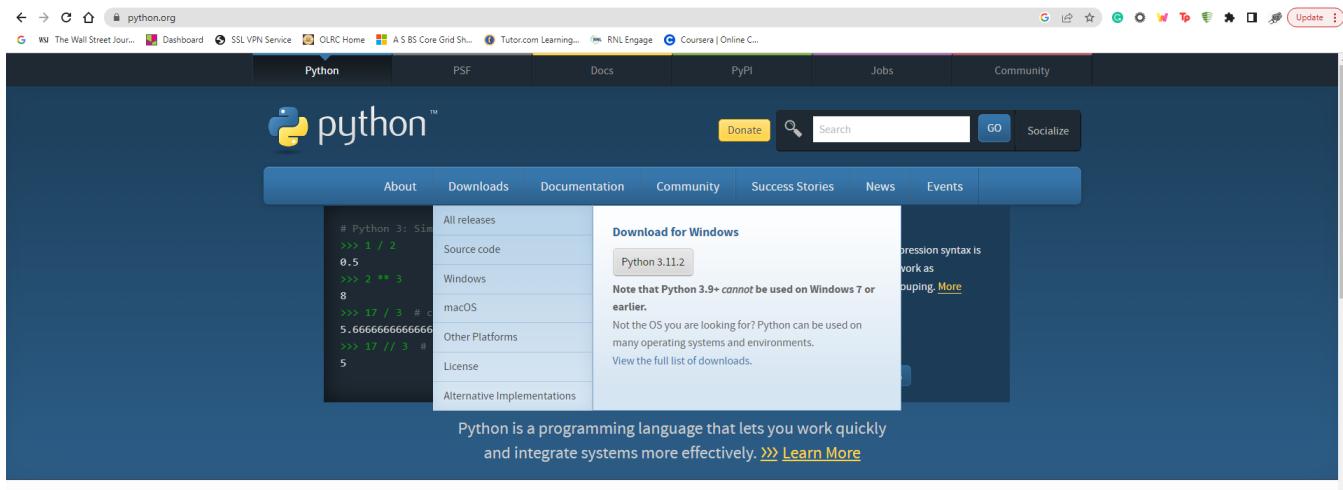


For windows users:

Step 1: Open a browser and enter <https://www.python.org>.

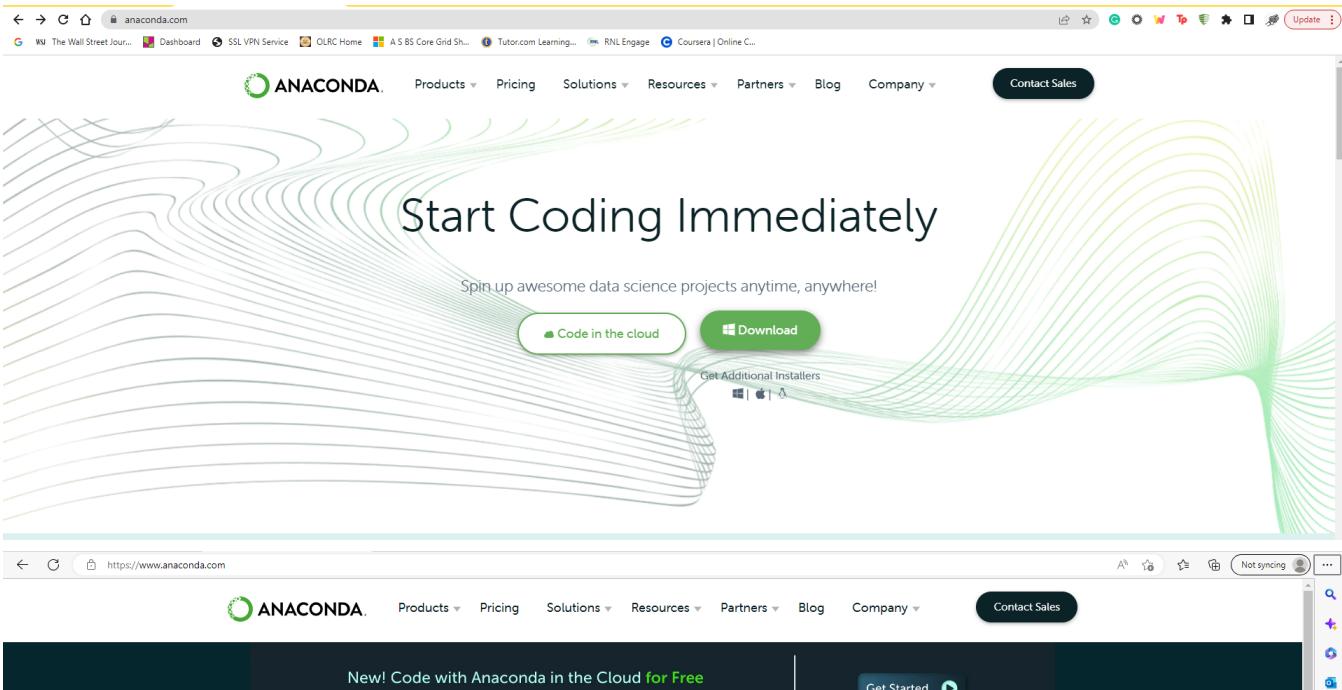
Step 2: Open the Downloads tab, and select Python 3.11.2 or the latest version of Python.

Step 3: Click “Install Now”

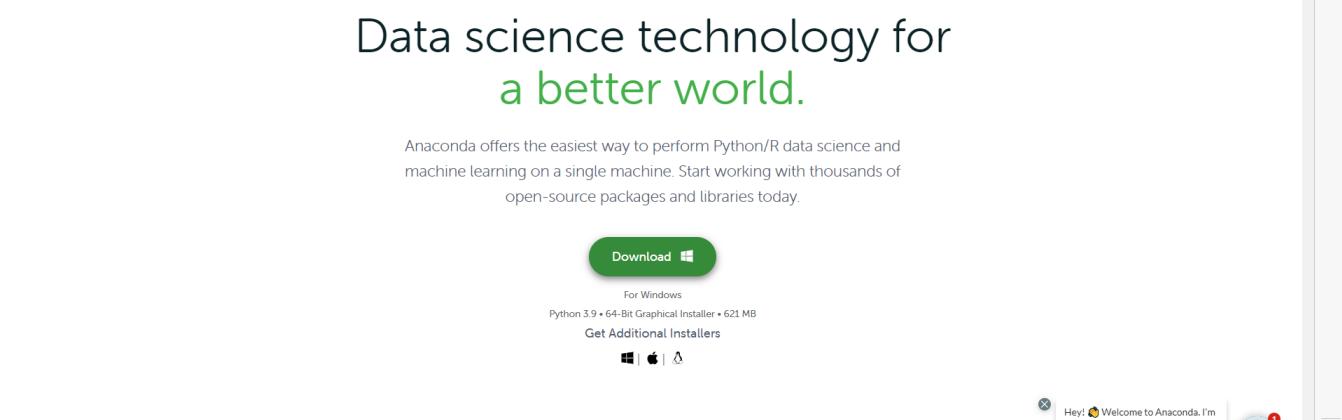


Step 4: Open a browser and enter <https://www.anaconda.com>.

Step 5: Click the green “Download” icon.

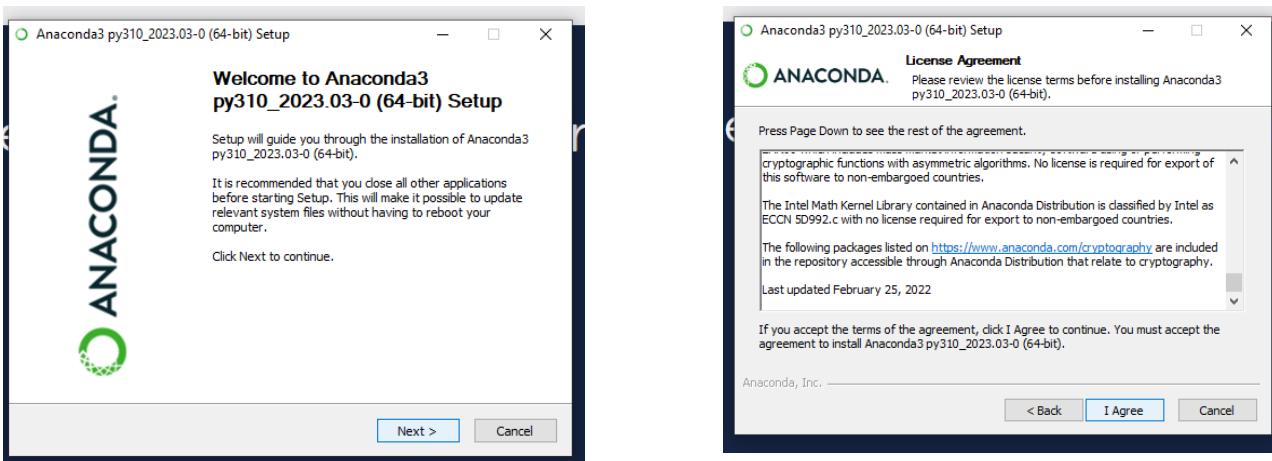


The screenshot shows the Anaconda website homepage. At the top, there's a navigation bar with links for Products, Pricing, Solutions, Resources, Partners, Blog, and Company. A "Contact Sales" button is also present. The main headline is "Start Coding Immediately" with the subtext "Spin up awesome data science projects anytime, anywhere!". Below this are two prominent buttons: "Code in the cloud" and "Download". The "Download" button has a Windows icon and the word "Download". There's also a link to "Get Additional Installers" with icons for Windows and Mac. The background features abstract green and white wavy lines.

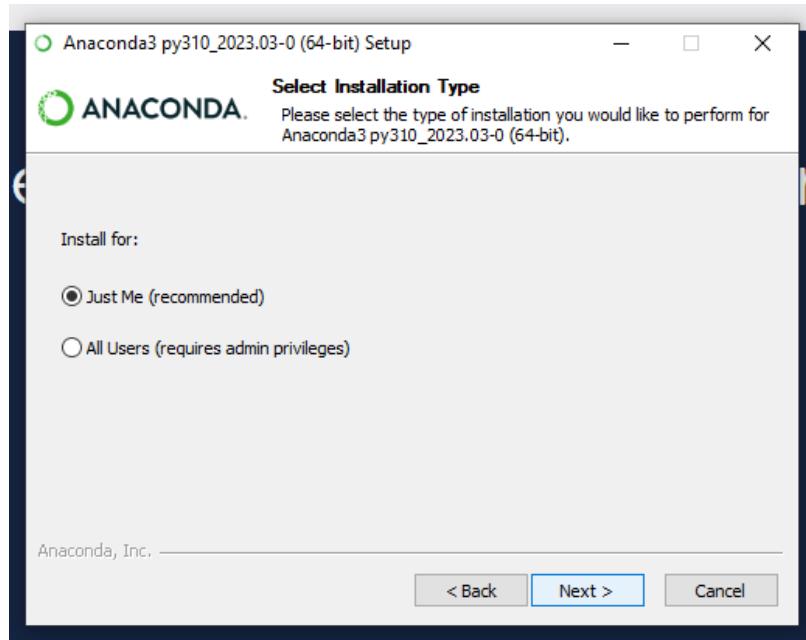


This screenshot shows a subpage of the Anaconda website. It features a dark header with the Anaconda logo and navigation links. A callout box on the left says "New! Code with Anaconda in the Cloud **for Free**" and "Start coding immediately in a fully-loaded, ready-to-code notebook". On the right, there's a "Get Started" button with a play icon. The main content area has a dark background with the text "Data science technology for a better world." in white. Below this, a paragraph explains the ease of performing Python/R data science and machine learning. A "Download" button with a Windows icon is shown, along with links for "For Windows" and "Get Additional Installers" for Mac and Linux. A small notification bar at the bottom right says "Hey! Welcome to Anaconda. I'm [name]".

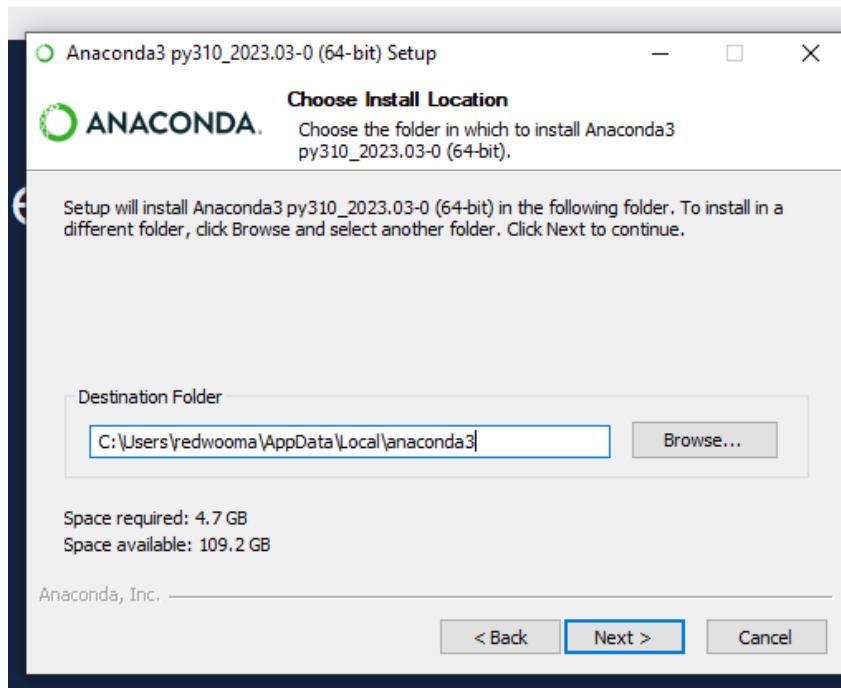
Step 6: When you are setting up Anaconda, make sure to read each guide before proceeding onto the next.



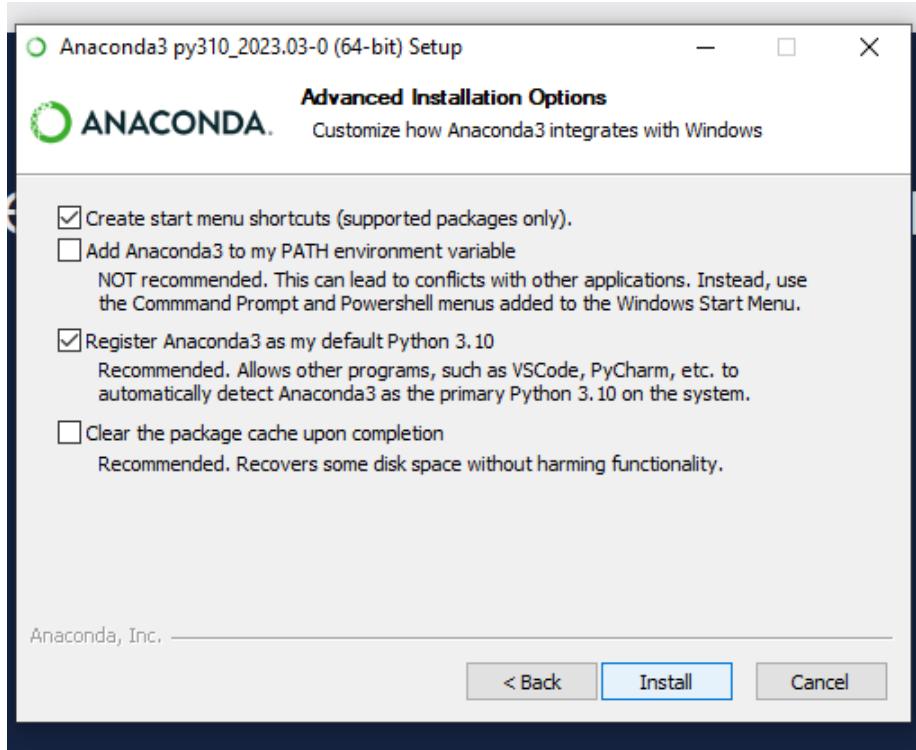
Step 7: When you approach the “Installation Type”, select “Just Me (recommended)” .



Step 8: Choose your install destination and select “next.”



Step 9: Click “Install” and you are finished.



Step 10: Launch anaconda navigator, you will see a launch pad of different IDE or integrated development environment, make sure Jupyter Notebook is installed. It will say “Launch” if the Jupyter Notebook is installed.

