

AIS Educators Conference 2022
Colorado Springs, CO
Software Download Instructions

This year's conference is BYO Laptop which means you may need to download and install software on your own laptop prior to the session start. The sessions that are optimized with software to follow along are itemized below by schedule. There are links and/or instructions. Software installs include Alteryx, Tableau, UI Path, MS Access, SAP GUI, Anaconda, and Jupyter.

Thursday Sessions with Software Needs

Session #	17
Software Needed	Alteryx
Time	10:10-11:50 AM
Title	Analytics Automation – Learn to Use Alteryx
Author	Ann Dzurainin and Margarita Lenk

- Must be installed on Windows computer
- Link for free Alteryx download:
https://www.alteryx.com/sparked?utm_campaign=NA_Search_Brand&utm_source=google&utm_medium=cpc&utm_content=&utm_term=alteryx&gclid=Cj0KCQjwqPGUBhDwARIsANNwjV4EnVBxUw8AE-s5GVi9xQ6Dnhw4nZAzoaPI84wzFFB70eXHq__rpAcaAsXcEALw_wcB
- Once at the link webpage, then click on the Free Education License.

EMPOWER YOUR STUDENTS

Educator

- Software
- Teaching materials
- Community of peers

Teaching Resources

Free Education License

Session #	25
Software Needed	Tableau
Time	1:10-2:50PM
Title	Wiley-Sponsored Session: From Practitioner to Professor: Connecting Your Classroom to Careers, Systems, and Analytics
Author	Alicja Foksinska Arline Savage Danielle Brannock

- Tableau 14 day trial: <https://www.tableau.com/trial/tableau-software>
- Tableau 1 year license for teachers: <https://www.tableau.com/academic/teaching>
- The 1 year license process can require verification and it could be delayed. It is advised to begin this process prior to the conference.

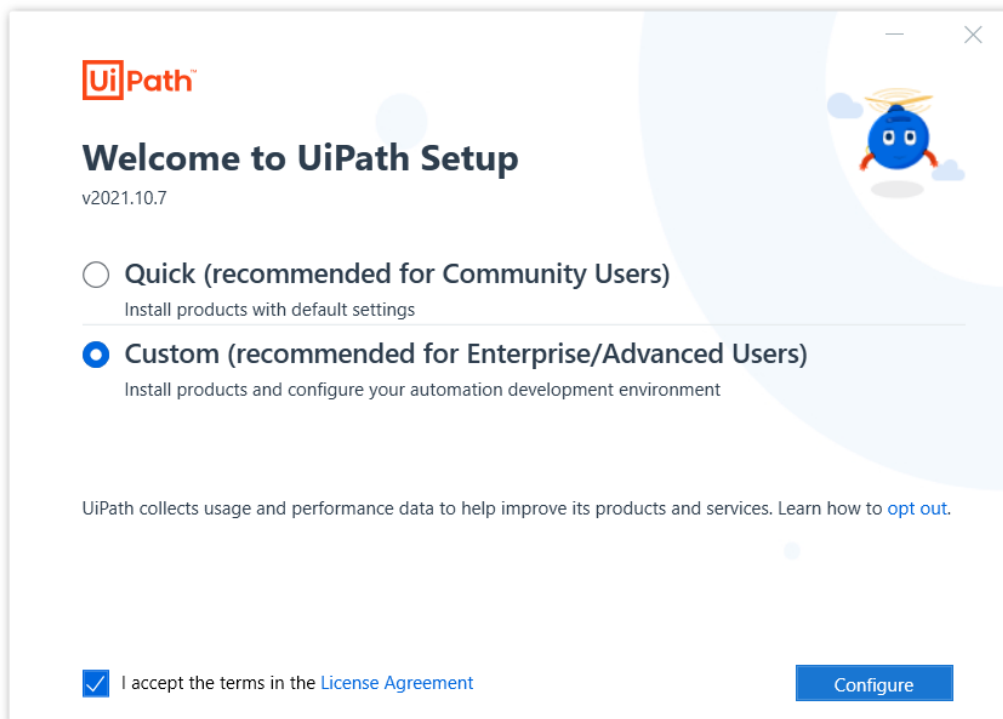
Session #	35
Software Needed	UI Path
Time	3:05-4:20PM
Title	Hands On Robotic Process Automation Using UI Path Software
Author	Kathleen Davisson

This is a Windows-only program. You must use a PC or the Windows side of a Mac. This is an academic edition for educational purposes, only.

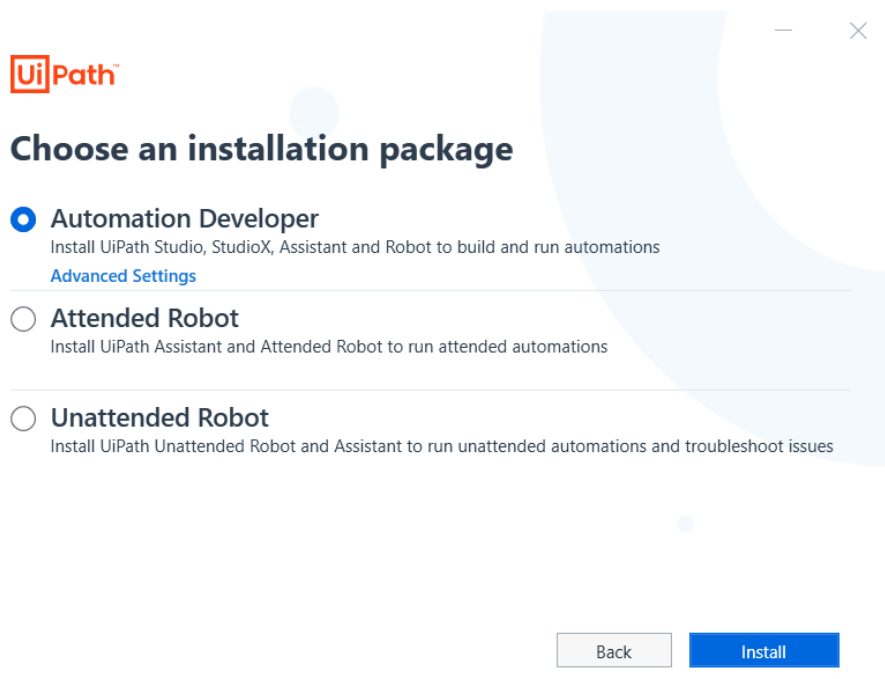
1. Go to: <https://www.uipath.com/landing/academic-studio-download>
2. While completing the form:
 - Fill in your name, email (please use a personal email NOT a work or school email)
 - Select Student/Learner
 - Select United States as the country
 - Select Colorado as the state
 - Select United States – University of Denver as the institution
 - Input Accounting as the field of study
 - Input 7/14/2022 to 7/16/2022 as the course dates
 - Accept the agreement and request the software
3. Within 15 minutes, you should receive the email with the installation information and product key (located in Step 3 of the email). Please check you spam folder for a response, if it takes longer.

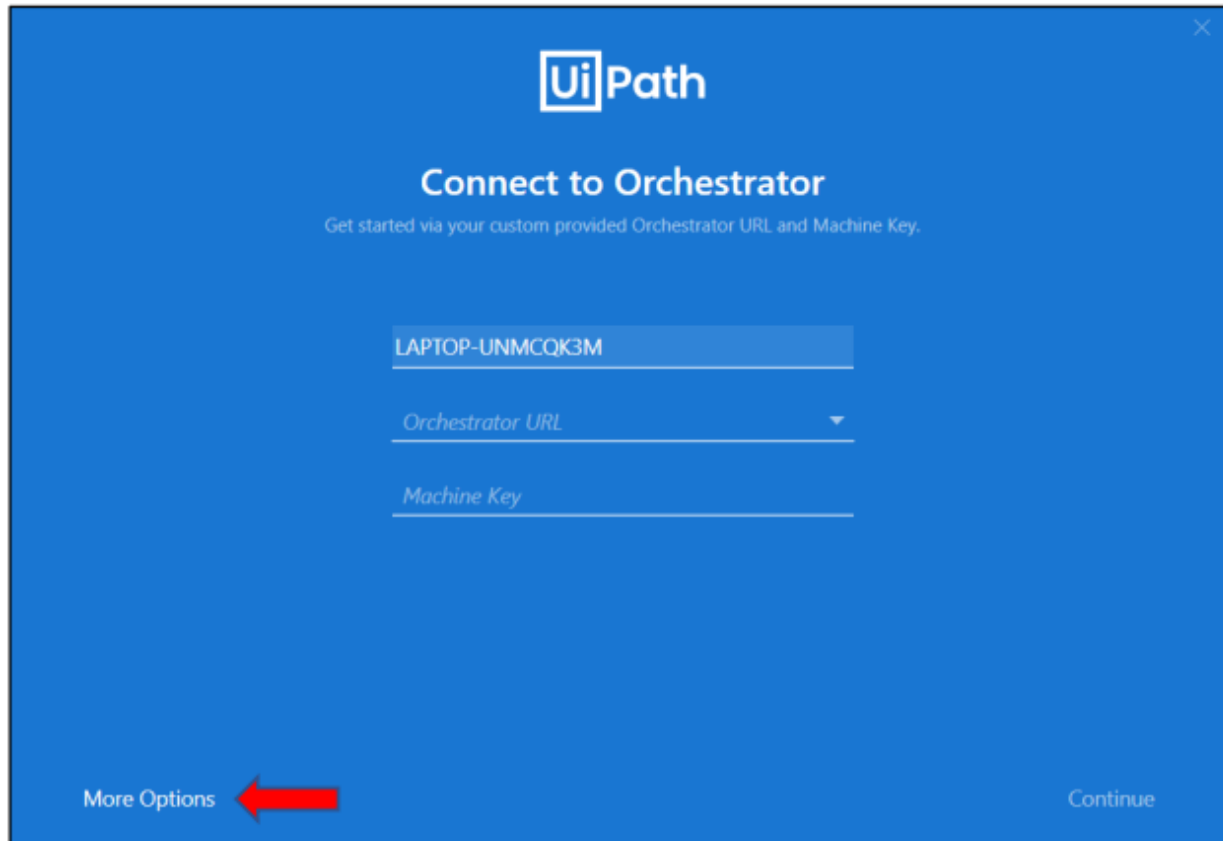
Once you receive your email, follow the step-by-step instructions in Installation Guide located in Step 1 of the email. In the guide, steps 1-3 are what you completed above. Follow steps 4-11 (step 12 is not required). Important notes during steps 4-11:

- Be sure to do a **Custom Installation** in Step 5 (DO NOT install the Community Edition).



- In Step 6, choose **Automation Developer**.





- When the Connect to Orchestrator screen comes up, choose **More Options**.
- In Step 9, be sure to install the **Stand-Alone** option
- When you open UiPath Studio, you will see a screen with an introductory video, a link to tutorials and link to the academy. The introductory 5-minute video is highly recommended before the session. There is no need to access the tutorials nor the academy.

Session #	29
Software Needed	MS Access and Tableau
Time	3:05-4:20PM
Title	Update Organic – A Data Analytics Case
Author	Margaret Garnsey

- There is no free download of MS Access.
- Tableau 14 day trial: <https://www.tableau.com/trial/tableau-software>
- Tableau 1 year license for teachers: <https://www.tableau.com/academic/teaching>
- The 1 year license process can require verification and it could be delayed. It is advised to begin this process prior to the conference.

Friday Sessions with Software Needs

Session #	13
Software Needed	SAP Gui
Time	10:10-11:50 AM
Title	SAP S/4 HANA for Introductory AIS: The Classic Rockers Case
Author	Ronald J. Daigle, Fawzi Noman, and Ross Quarles

- Windows users – download and install the SAP Gui with this link.
https://www.shsu.edu/~mis_fmn/SAPGUI760.zip
- MAC users – please contact Fawzi Noman at fnoman@shsu.edu before the conference for assistance.

Saturday Sessions with Software Needs

Session #	28
Software Needed	Python (Anaconda) and Jupyter
Time	10:20-12:00 PM
Title	Teaching Predictive Audit Data Analytic Techniques: Time Series Forecasting with Transactional and Exogenous Data
Author	Deniz Appelbaum, Miklos Vasarhelyi, and Alexander Kogan

INSTALLATION OF ANACONDA

Download Anaconda

In order to perform this case study, students will need to download and install Python. Anaconda is one commonly used Python data science platform that offers an easy way to do Python data science and machine learning.

The website for downloading Anaconda is <https://www.anaconda.com/download>

The user may download Anaconda for Windows, MAC OS, or Linux. The user can also choose between Python 2 and Python 3. Python 3 is used in this case. There is no major difference between the two versions of Python. Python 2 is the older version and it is more compatible with different libraries. Python 3 is the current version and is the main focus of future development. The difference between the two versions is subtle when using, so it should be no problem if a student already has Python 2 installed. The user should then choose 64 bit or 32 bit version based on the type of her operating system. The following instructions are based on the Windows 64 bit version.

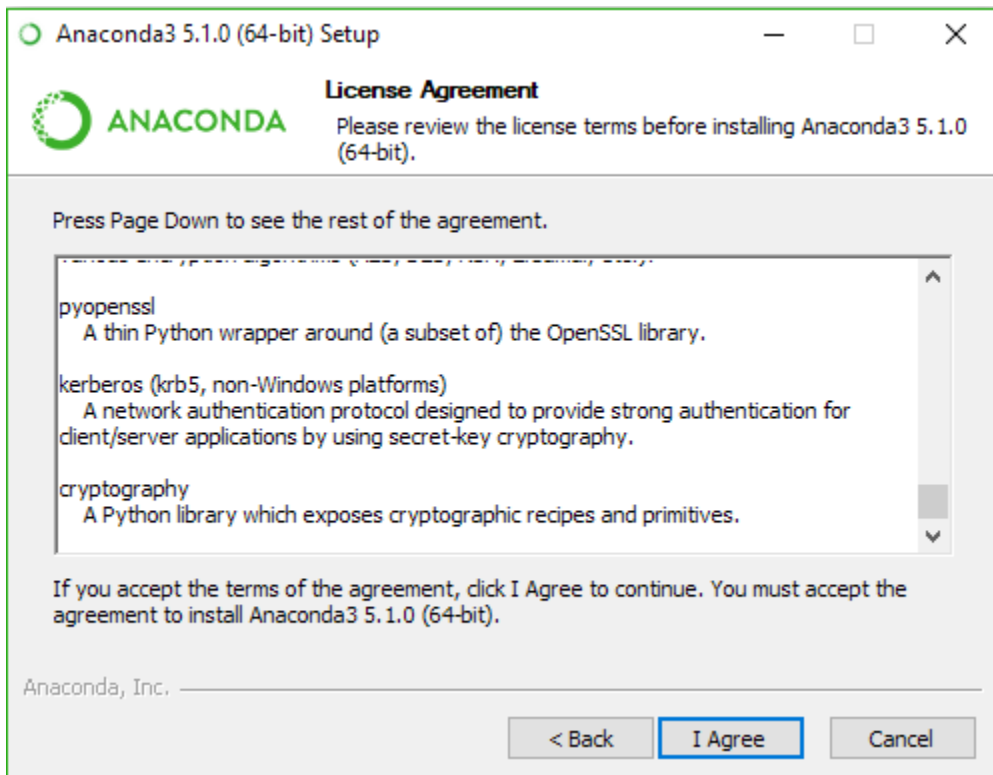
Install Anaconda

The installation process of Anaconda is similar to installing most software on Windows. The step-by-step instructions are provided below.

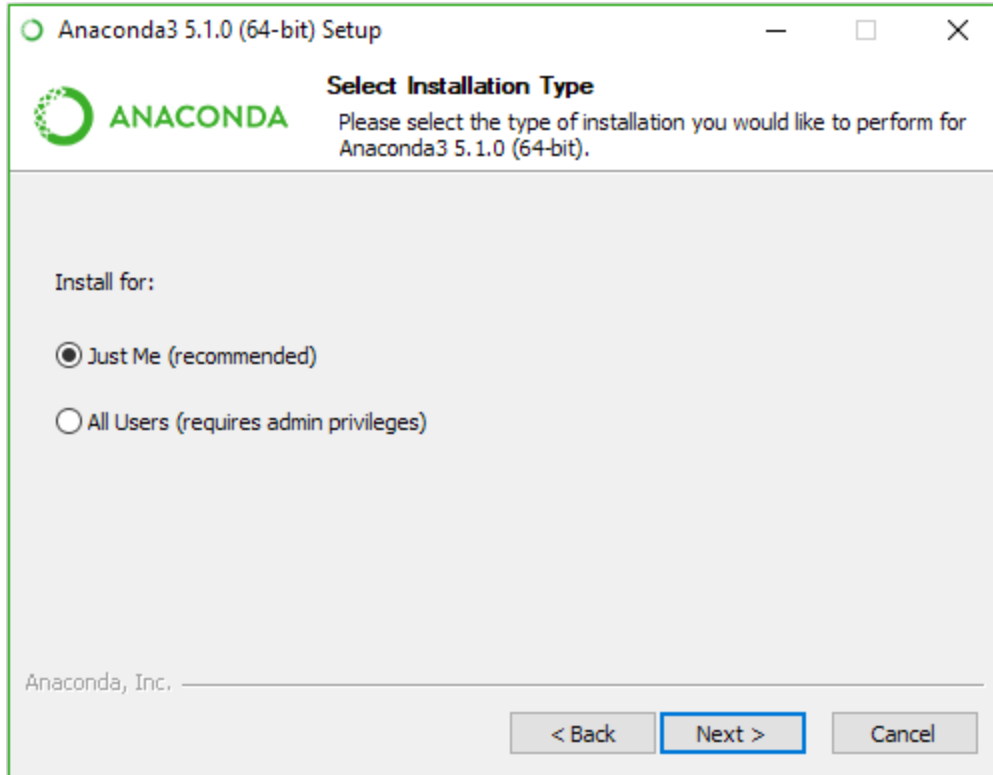
Once the Anaconda installer is downloaded, double click on the file. A welcome message with version information will appear.



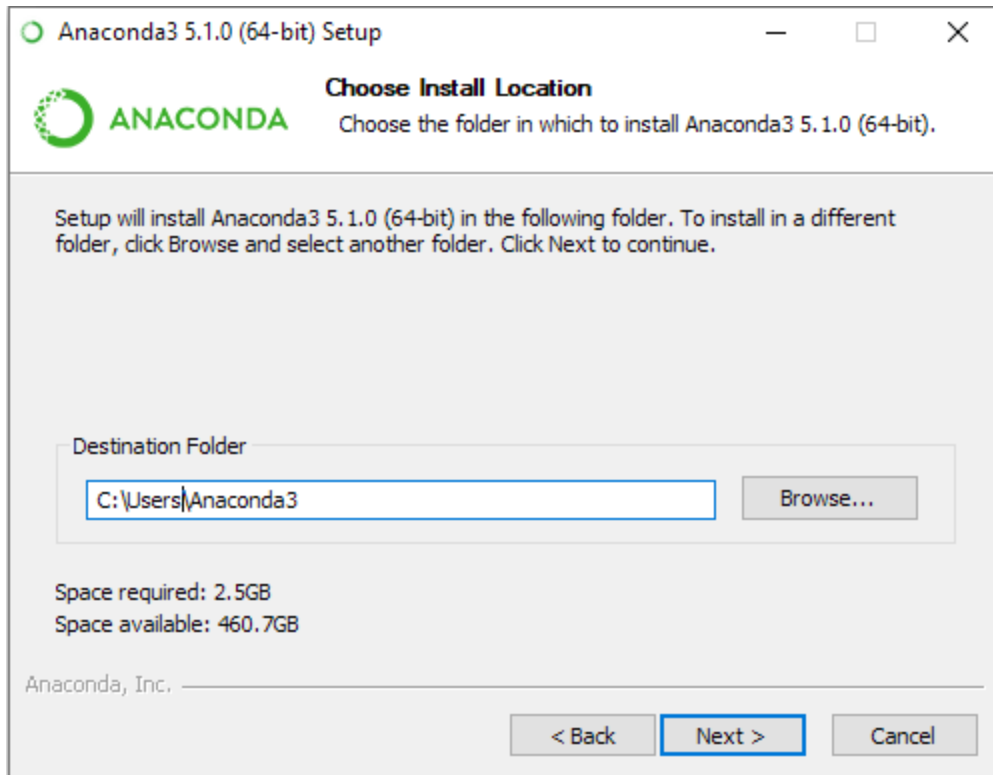
Click on “Next” to continue.



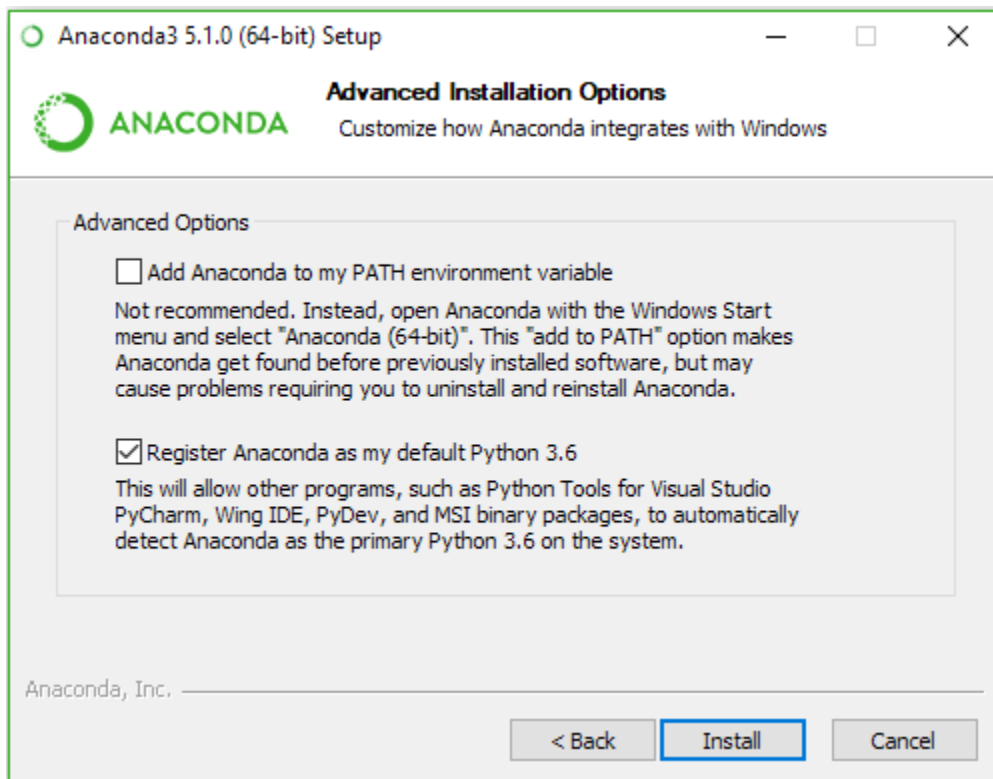
Click on “I Agree” button to accept the license agreement and proceed.



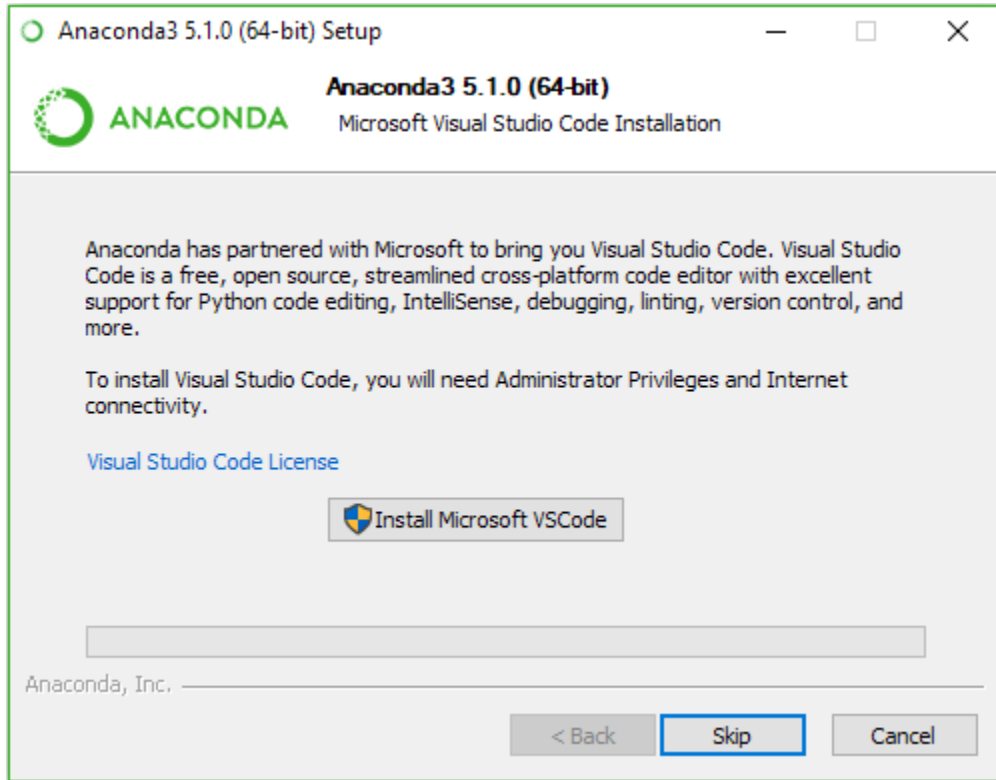
The recommended selection is “Just Me” if the user is using a computer that has multiple Windows accounts. This selection can largely avoid changes in other users’ settings. If the user chooses the other option, admin privileges will be needed before proceeding. Click on “Next” to proceed.



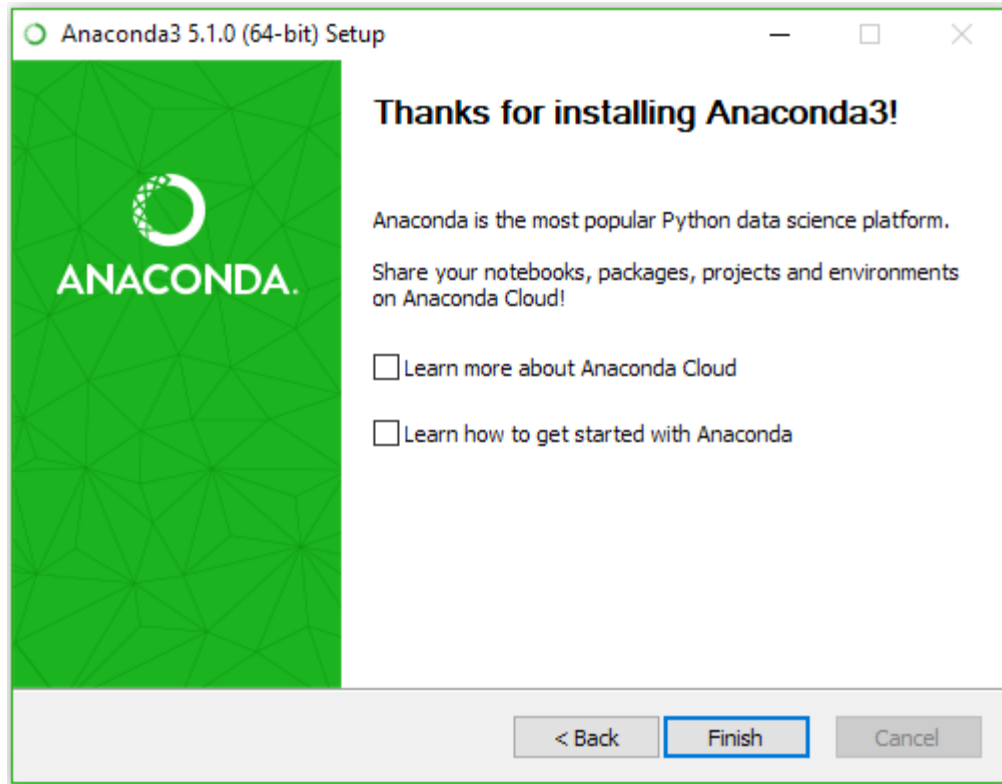
Choose the desired destination folder and then click “Next” to continue.



Some libraries in Python would require setting certain PATH environment variables. In this case, the PATH environment variables are not used. Select “Register Anaconda as my default Python 3.6” and click Install. Wait for a few minutes for the installer to finish the installation and click on “Next” to continue.



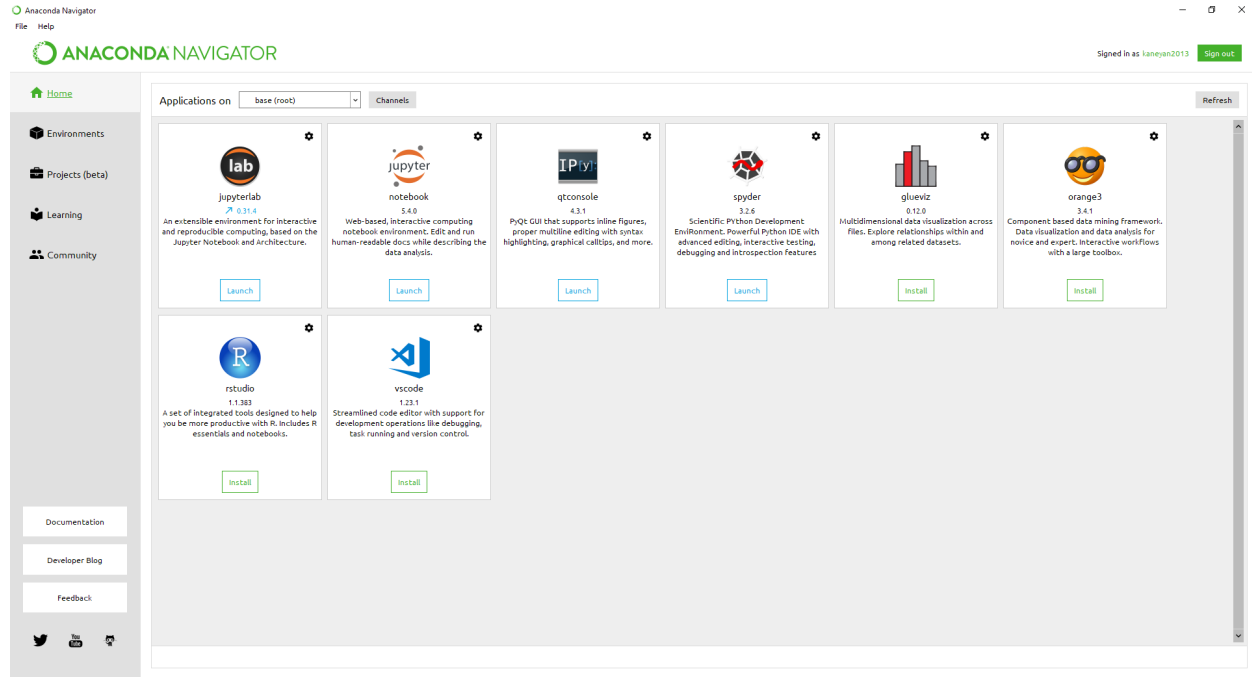
Click on “Skip” to skip the installation of Microsoft VSCode.



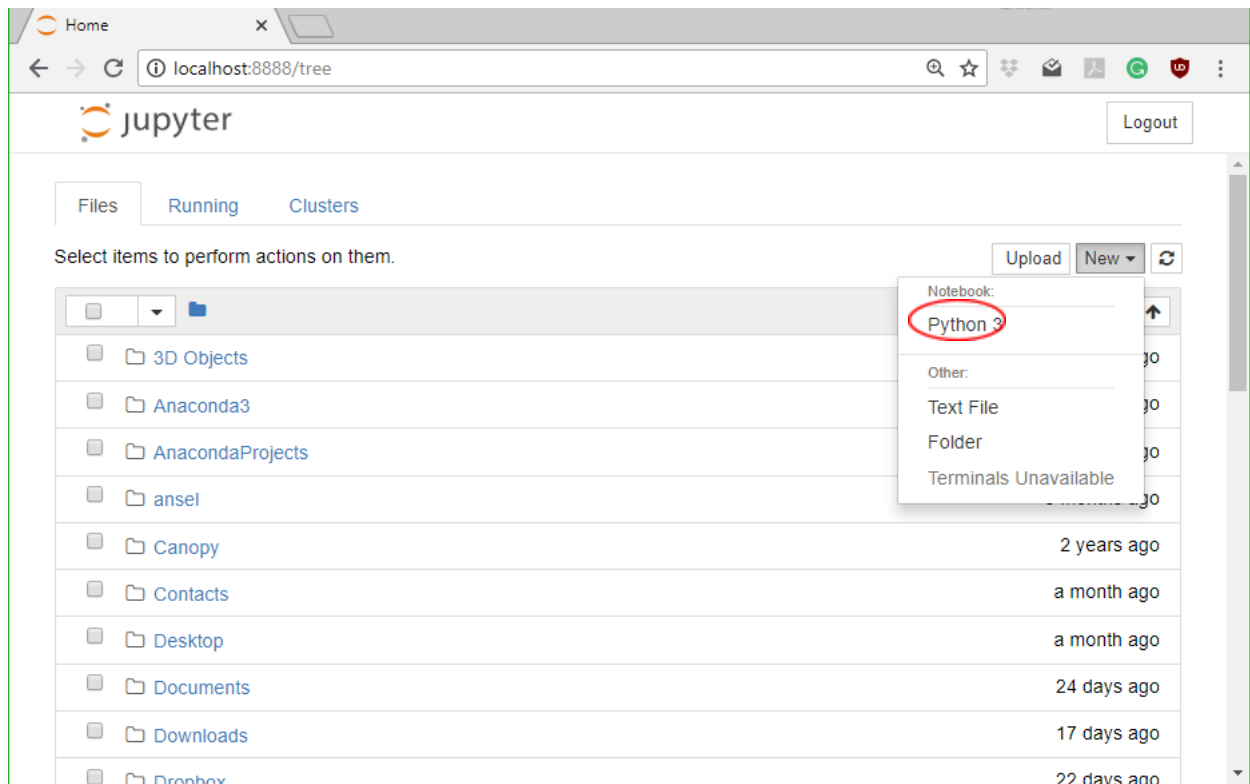
Click on "Finish" to finish installing.

INTRODUCTION OF THE JUPYTER NOTEBOOK

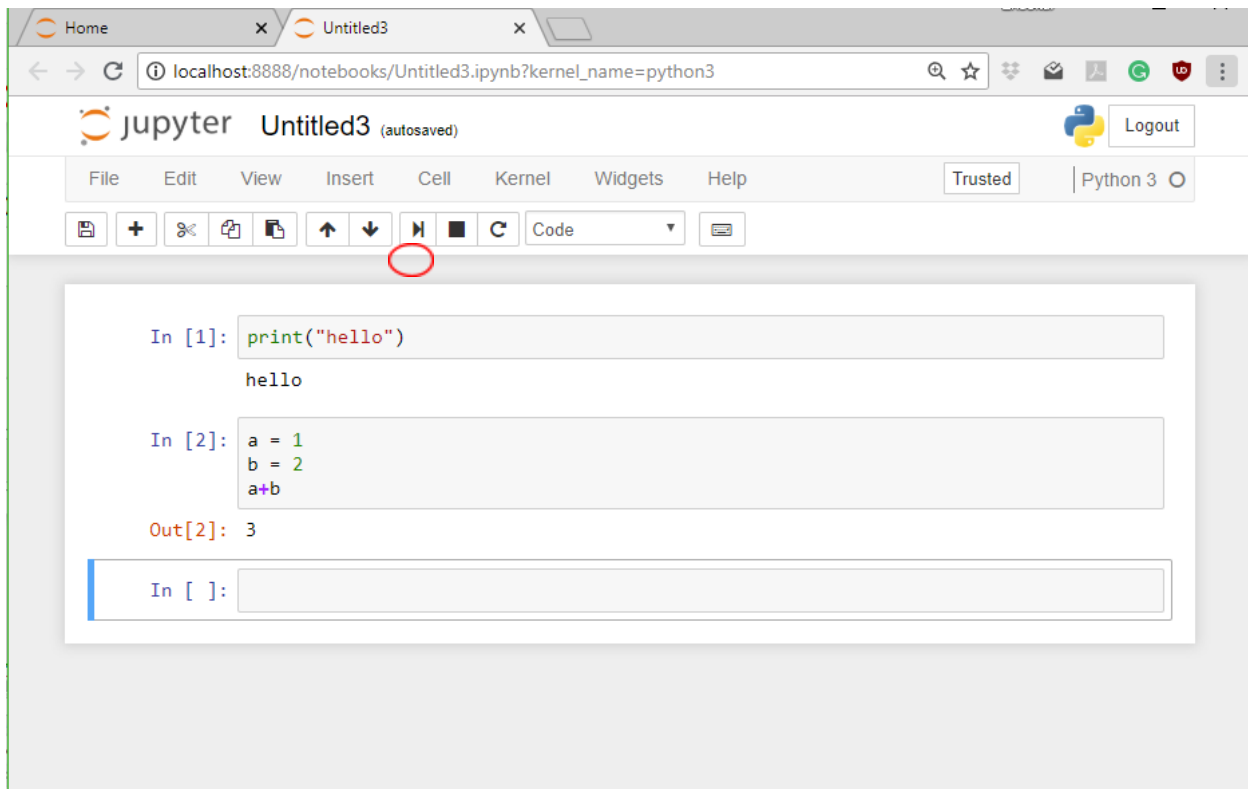
Once Anaconda is installed, the Jupyter notebook can be found by typing “jupyter notebook” in the windows search bar, or through Anaconda Navigator. To use Anaconda Navigator, first double click on the icon and the following interface will appear.



This is the interface of Anaconda Navigator. There are two programs that can be used here for Python programming, the Jupyter notebook and spyder. The Jupyter notebook is chosen for this case study due to its user-friendly interface and better visualization options. Another advantage of the Jupyter notebook is that the user can save the file with the output results so that when demonstrating the codes, the user does not need to run the code again. Click on the “Launch” button under the Jupyter notebook. A webpage will pop up. Click on the “New” button on the top right and select “Python 3” to initiate a new Python script as shown in the following figure.



This is the Python environment used for programming. The cells, with the symbol “In [n]” on the left, are where the user can input code. Each cell can contain one or multiple lines of code. Once finishing typing the code, the user can click on the red circled button to run the code. Each time Jupyter will run the code in the selected cell only. The hot key for this button is shift + enter.



There are many Python tutorial classes available online. More Python tutorial videos can be found by searching "Python for beginner" on the Youtube website. Additionally, users can find more Python tutorial information in the following websites.

<https://www.python.org/about/gettingstarted/>

<https://pythonprogramming.net/>