

Anaconda Installation Guide

This guide will help you do the following:

- 1. Install Anaconda Navigator**
- 2. Import Digit_Manuf.yaml**
- 3. Launch Jupyter Lab**

Anaconda download link

- Download **“HW03” zip file** on canvas. This file contains the **“Digit_Manuf.yaml”** file needed to complete homework throughout semester.
- Anaconda Navigator download link: <https://www.anaconda.com/products/individual#Downloads>



Download process

- 1. Select appropriate operating system to begin the download.



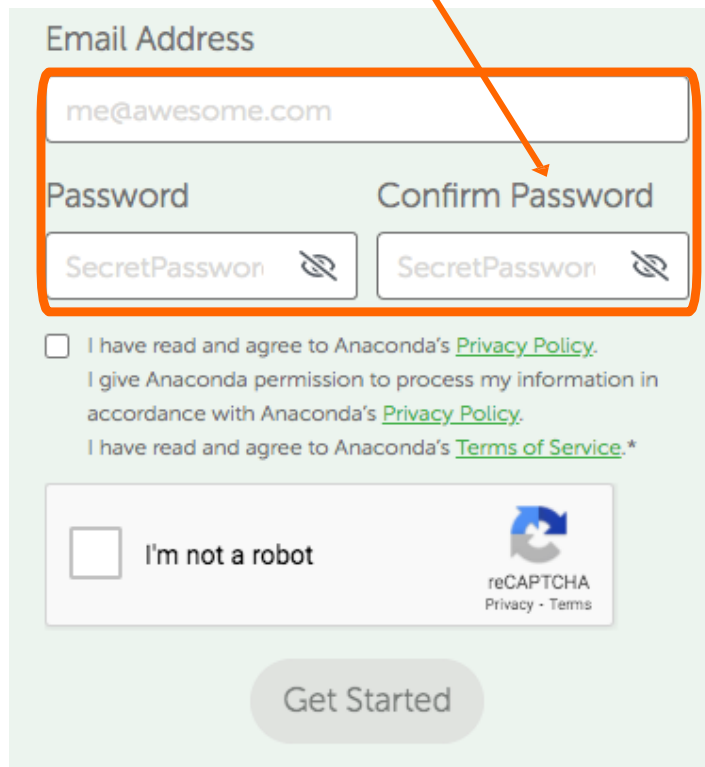
The image shows the Anaconda Installers selection screen. It features three columns for Windows, MacOS, and Linux. An orange arrow points from the first bullet point to the Windows section. A large orange rounded rectangle highlights the installer options for all three operating systems.

Windows 	MacOS 	Linux 
Python 3.9 64-Bit Graphical Installer (510 MB) 32-Bit Graphical Installer (404 MB)	Python 3.9 64-Bit Graphical Installer (515 MB) 64-Bit Command Line Installer (508 MB)	Python 3.9 64-Bit (x86) Installer (581 MB) 64-Bit (Power8 and Power9) Installer (255 MB)



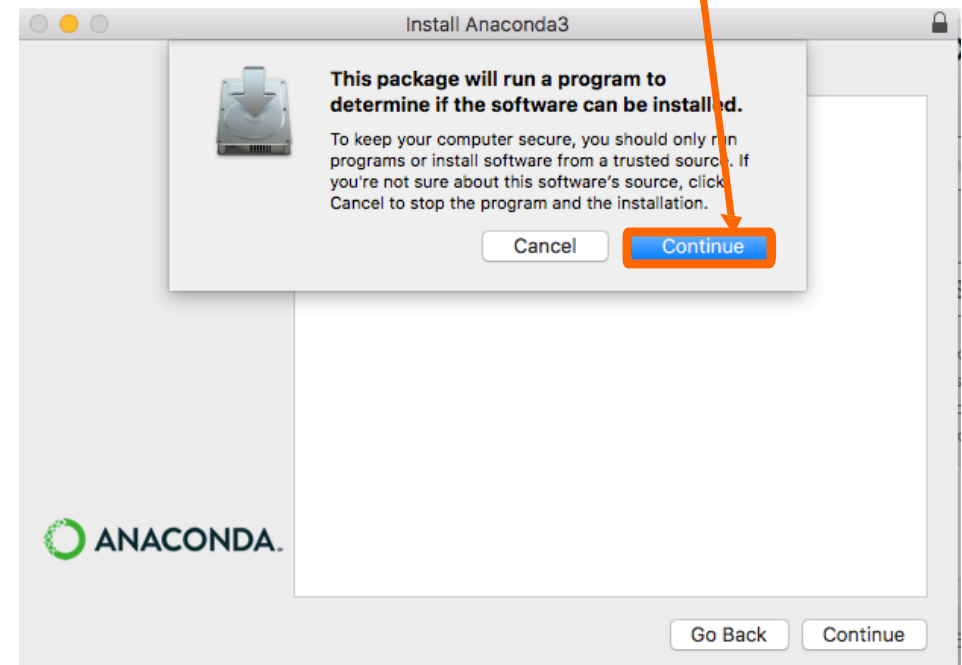
Download process

- 2. Registration is optional.



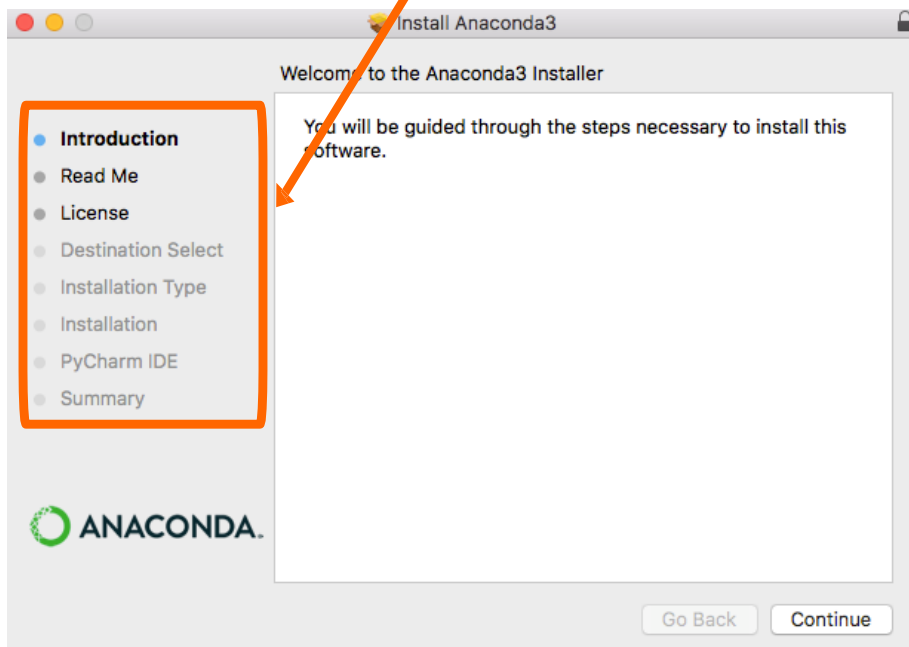
The registration form is titled "Email Address" and "Password". It contains a text input field for the email address with the placeholder "me@awesome.com". Below this are two password input fields labeled "Password" and "Confirm Password", both containing the placeholder "SecretPasswon" and a toggle icon. A checkbox is present with the text "I have read and agree to Anaconda's [Privacy Policy](#). I give Anaconda permission to process my information in accordance with Anaconda's [Privacy Policy](#). I have read and agree to Anaconda's [Terms of Service](#).*". Below this is a reCAPTCHA widget with the text "I'm not a robot" and the reCAPTCHA logo. At the bottom is a "Get Started" button.

- 3. Once download is complete, run program.

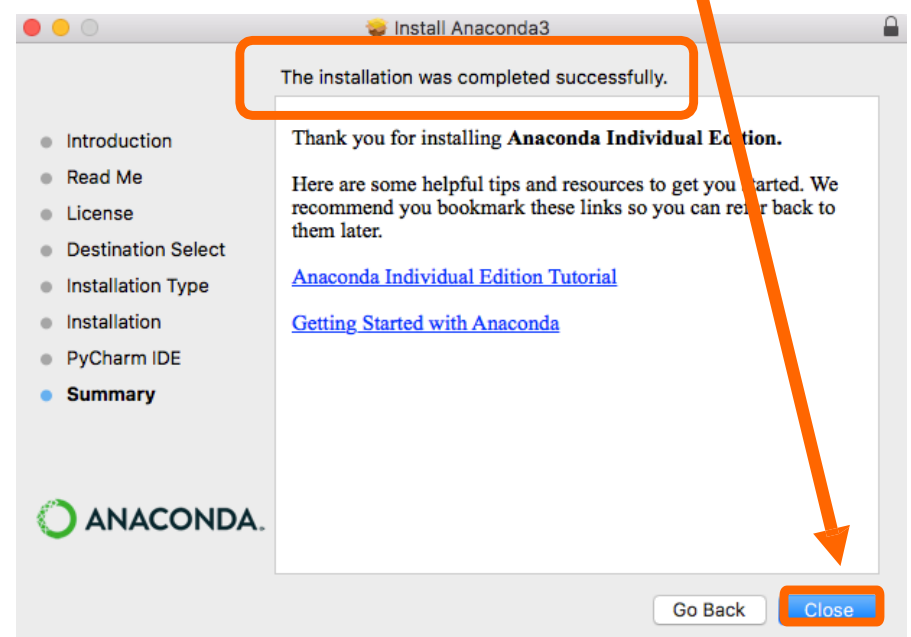


Download process

- 4. Follow the installer prompts.

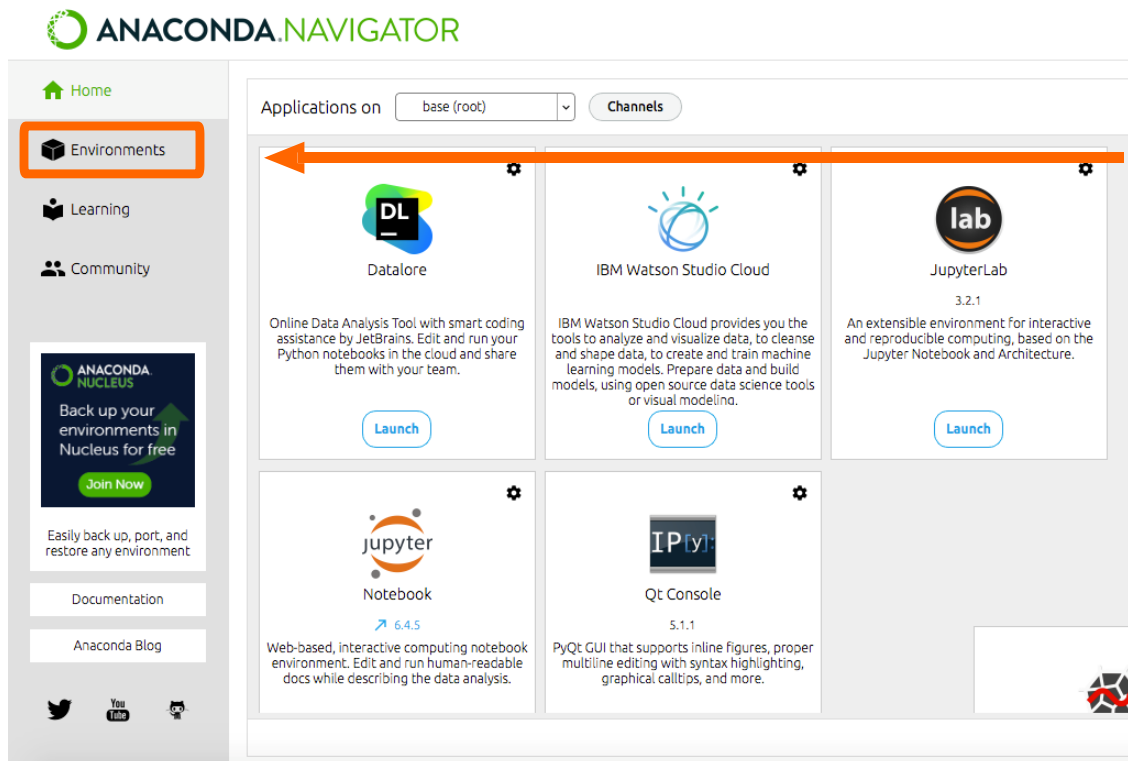


- 5. Once completed close installer.



Launch application

- 6. Launch Anaconda Navigator.

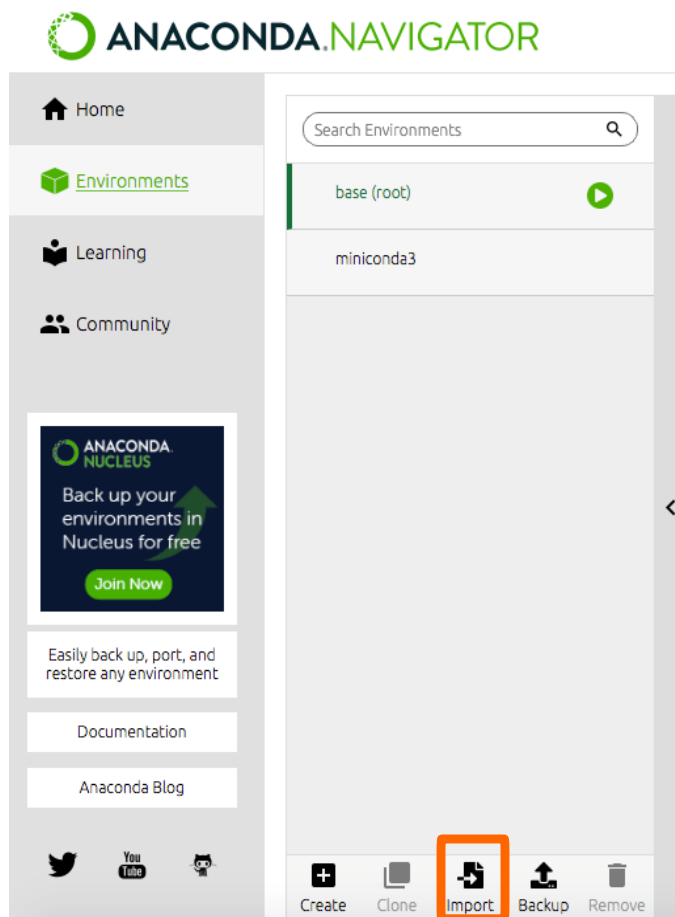


- 7. Click the environments panel from the left side options.

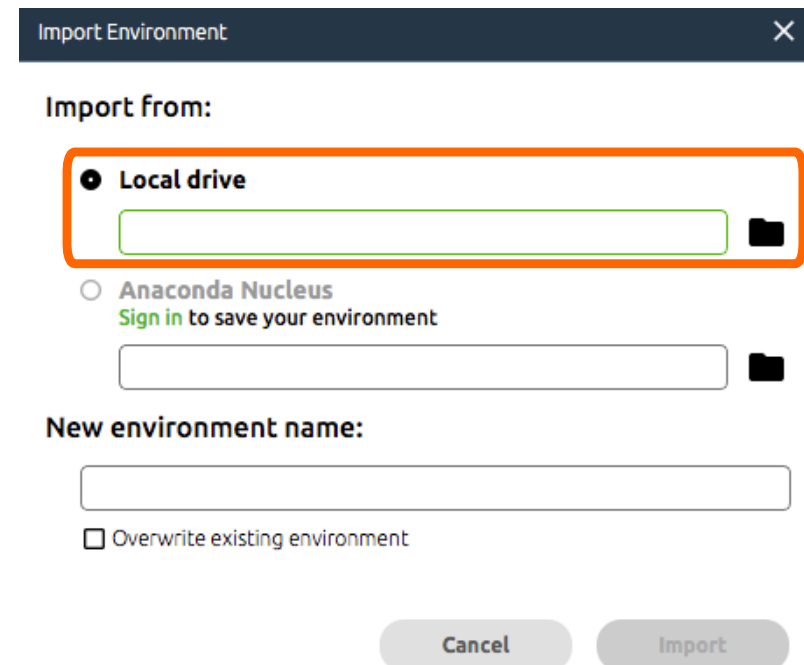


Importing Digit_Manuf.yaml

- 8. Navigate to the bottom of the environments list. Click on “Import”.



- 9. In the Import Environment dialog box, choose whether to import from your Local drive. Then, select the corresponding folder icon to choose the environment file (ex, Digit_Manuf.yaml) from which you wish to import.



Importing Digit_Manuf.yaml

- 10. Use the existing name, or type a descriptive name for the new environment.

Import Environment

×

Import from:

☒ **Local drive**

☐ **Anaconda Nucleus**
Sign in to save your environment

New environment name:

☐ Overwrite existing environment

Cancel

Import

- 11. Click the environments panel from the left side options. Select Import.

*If the Import button is greyed out, try changing the name used or using the default name. Multiple environments cannot have the same name.

Launching Jupyter Lab

- 12. Return to the “Home” tab.

*Be sure *application on* presents the corresponding file name you’ve selected for the environment file.

ANACONDA NAVIGATOR

Home

Environments

Learning

Community

Easily back up, port, and restore any environment

Documentation

Anaconda Blog

Applications on Digit_Manuf

Channels

Datalore

Online Data Analysis Tool with smart coding assistance by JetBrains. Edit and run your Python notebooks in the cloud and share them with your team.

Launch

IBM Watson Studio Cloud

IBM Watson Studio Cloud provides you the tools to analyze and visualize data, to cleanse and shape data, to create and train machine learning models. Prepare data and build models, using open source data science tools or visual modeling.

Launch

JupyterLab

3.2.1

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

Launch

Jupyter Notebook

6.4.6

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

Glueviz

1.0.0

Multidimensional data visualization across files. Explore relationships within and among related datasets.

Orange 3

3.26.0

Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.

- 13. Click “Launch” under Jupyter Lab.

