

1. Click on following link: <https://docs.anaconda.com/anaconda/install/index.html>

The screenshot shows the Anaconda Documentation website. The left sidebar contains a navigation menu with links to Home, Free, Anaconda Distribution, Installation, Getting started, Packages, Applications/Integrations, Jupyter Notebooks, System/Environment configurations, IDE tutorials, Reference, Anaconda Navigator, Anaconda Notebooks, and Anaconda.org. The main content area is titled "Installation" and includes a "Tip" box with a link to the FAQ. Below this, the "System requirements" section lists the following:

- As of 2023-04-04
- License: Free use and redistribution under the terms of the EULA for Anaconda Distribution.
- Operating system: Windows 10 or newer, 64-bit macOS 10.13+, or Linux, including Ubuntu, RedHat, CentOS 7+, and others.
- If your operating system is older than what is currently supported, you can find older versions of the Anaconda installers in our archive that might work for you. See Using Anaconda on older operating systems for version recommendations.
- System architecture: Windows- 64-bit x86; MacOS- 64-bit x86 & M1; Linux- 64-bit x86, 64-bit aarch64 (AWS Graviton2), 64-bit Power8/Power9, s390x (Linux on IBM Z & LinuxONE).
- Minimum 5 GB disk space to download and install.

On Windows, macOS, and Linux, it is best to install Anaconda for the local user, which does not require administrator permissions and is the most robust type of installation. However, with administrator permissions, you can install Anaconda system wide.

- Installing on Windows
- Installing on macOS
- Installing on Linux
- Installing on AWS Graviton2 (arm64)
- Installing on Linux-s390x (IBM Z)
- Installing on Linux POWER
- Installing in silent mode

2. If you have an Apple product click on the green “Installing on macOS”, if you have a Windows product click on the green “Installing on Windows”
3. Follow the instructions
4. Launch ANACONDA NAVIGATOR after you have installed the application

The screenshot shows the Anaconda Navigator application interface. The top bar includes the Anaconda Navigator logo, a search bar, and buttons for "Upgrade Now" and "Connect". The left sidebar contains a navigation menu with links to Home, Environments, Learning, and Community. The main content area displays a grid of application tiles, each with a logo, name, version, and a brief description. The tiles are arranged in a 3x6 grid. The first row includes DataSpell, CMD.exe Prompt, JupyterLab, Notebook, Powershell Prompt, and Qt Console. The second row includes Spyder, Datalore, Deepnote, IBM Watson Studio Cloud, Oracle Data Science Service, and console_shortcut_miniconda. The third row includes Glueviz, Orange 3, xowershell_shortcut_miniconda, PyCharm Professional, and RStudio.

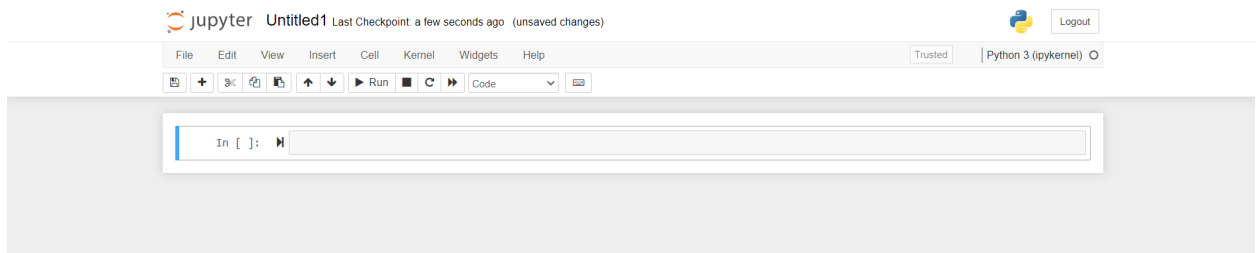
- Click on Launch button under Jupyter Notebook, this should open a new window on your browser



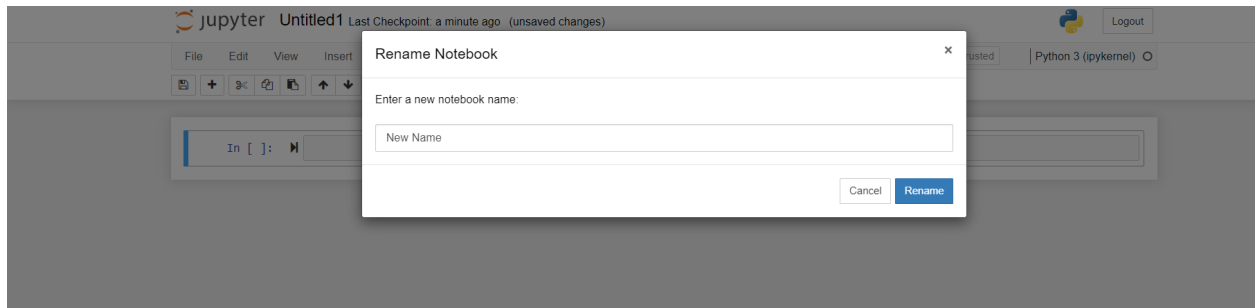
- To create a Notebook click on New to open the drop-down menu



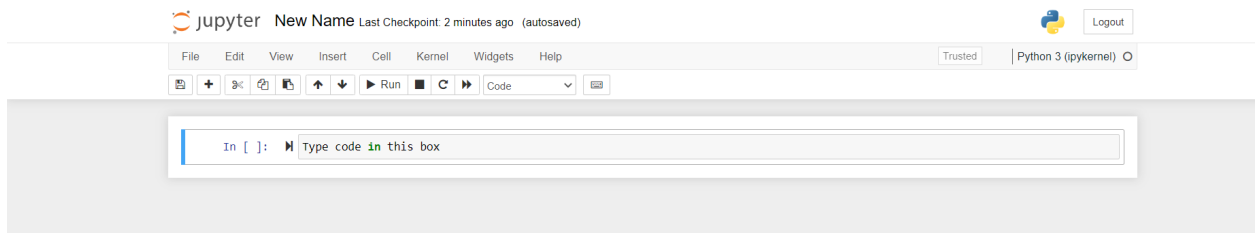
- Then click on Python 3 (ipykernel)



- You can change the name of the notebook by clicking on Untitled 1, then typing the new name in the box



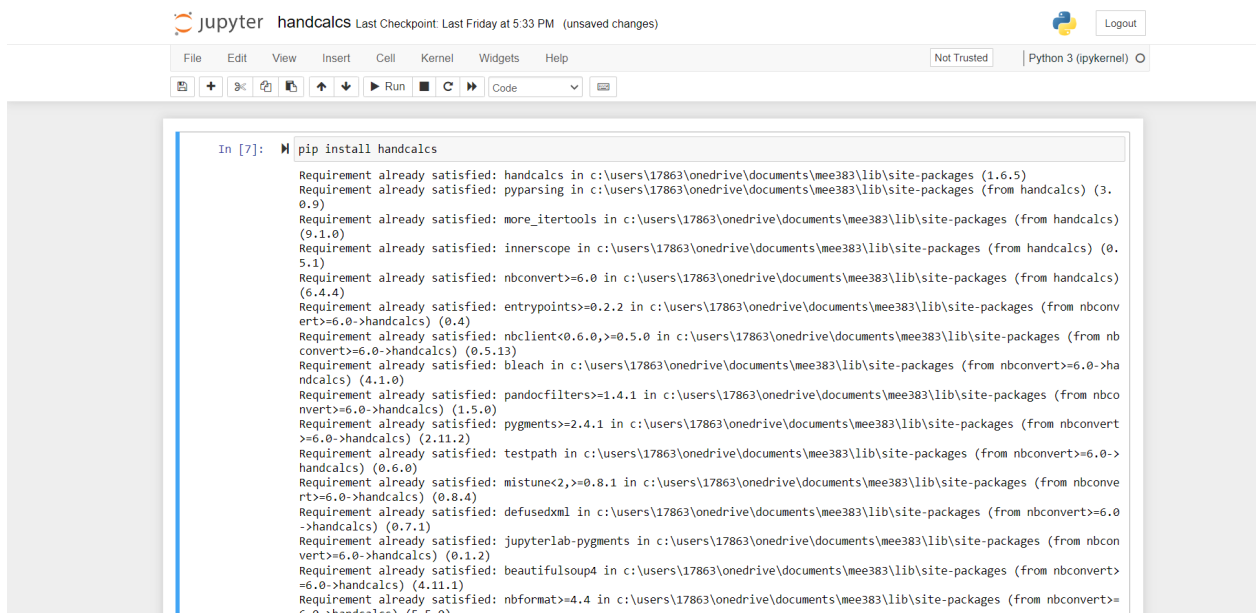
- To write your code click on the gray box next to the arrow



- You can add another box by clicking on the plus sign in the menu, or delete a box by clicking on the scissors

Download Handcalcs library to Jupyter Notebook

- Type “pip install handcalcs” on the box and click either run button in the menu or the arrow next to the box to run the command



```

Requirement already satisfied: Jinja2>=2.4 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from nbconvert>=6.0->handcalcs) (2.11.3)
Requirement already satisfied: traitlets>=5.0 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from nbconvert>=6.0->handcalcs) (5.1.1)
Requirement already satisfied: jupyter-core in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from nbconvert>=6.0->handcalcs) (4.11.1)
Requirement already satisfied: toolz in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from innerscope->handcalcs) (0.11.2)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from Jinja2>=2.4->nbconvert>=6.0->handcalcs) (2.0.1)
Requirement already satisfied: jupyter-client>=6.1.5 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert>=6.0->handcalcs) (7.3.4)
Requirement already satisfied: nest-asyncio in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert>=6.0->handcalcs) (1.5.5)
Requirement already satisfied: fastjsonschema in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from nbformat>=4.4->nbconvert>=6.0->handcalcs) (2.16.2)
Requirement already satisfied: jsonschema>=2.6 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from nbformat>=4.4->nbconvert>=6.0->handcalcs) (4.16.0)
Requirement already satisfied: soupsieve>1.2 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from beautifulsoup4->nbconvert>=6.0->handcalcs) (2.3.1)
Requirement already satisfied: six>=1.9.0 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from bleach->nbconvert>=6.0->handcalcs) (1.16.0)
Requirement already satisfied: webencodings in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from bleach->nbconvert>=6.0->handcalcs) (0.5.1)
Requirement already satisfied: packaging in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from bleach->nbconvert>=6.0->handcalcs) (21.3)
Requirement already satisfied: pywin32>=1.0 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from jupyter-core->nbconvert>=6.0->handcalcs) (302)
Requirement already satisfied: attrs>=17.4.0 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from jsonschema>=2.6->nbformat>=4.4->nbconvert>=6.0->handcalcs) (21.4.0)
Requirement already satisfied: pyrsistent<0.17.0,l=0.17.1,l=0.17.2,>=0.14.0 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from jsonschema>=2.6->nbformat>=4.4->nbconvert>=6.0->handcalcs) (0.18.0)
Requirement already satisfied: pyzmq>=23.0 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert>=6.0->handcalcs) (23.2.0)
Requirement already satisfied: tornado>=6.0 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert>=6.0->handcalcs) (6.1)
Requirement already satisfied: python-dateutil>=2.8.2 in c:\users\17863\onedrive\documents\mee383\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert>=6.0->handcalcs) (2.8.2)
Note: you may need to restart the kernel to use updated packages.

```

2. Now you can use the library to make your output formatted

In [8]:  render

```

x = 1
y = 2

z = x + y

x = 1

y = 2

z = x + y = 1 + 2    = 3

```