Installing Anaconda and accessing Jupyter Notebook

Go to Anaconda Individual Edition. This is a free and open-source software.

"With over 20 million users worldwide, the open-source Individual Edition (Distribution) is the easiest way to perform Python/R data science and machine learning on a single machine".

Anaconda Inc (2020)

Installing Anaconda

Select the **Download button** which takes you to the bottom of the webpage and a list of Anaconda Installers for different operating systems (Windows, MacOS or Linux).

Note: If using *Linux*, you probably already have Python installed. Check using your package manager before continuing.

1. Select the **3.7 version** (or greater) **64-Bit** option.

2. Wait for the Installer package to download onto your computer.
3. Follow the on-screen installer/setup instructions.
4. **Agree** to the license agreement.
5. Select an 'Install Location' e.g. 'for me only' (if necessary)
6. Select the **Install button**.
7. Select the **Ok button** to allow the Insteller.app to access your Downloads folder.
8. Select the **Continue button** and you're all set.

For *Windows* or *MacOS*, if the 64-Bit option fails to instal, select the 32-Bit option instead.

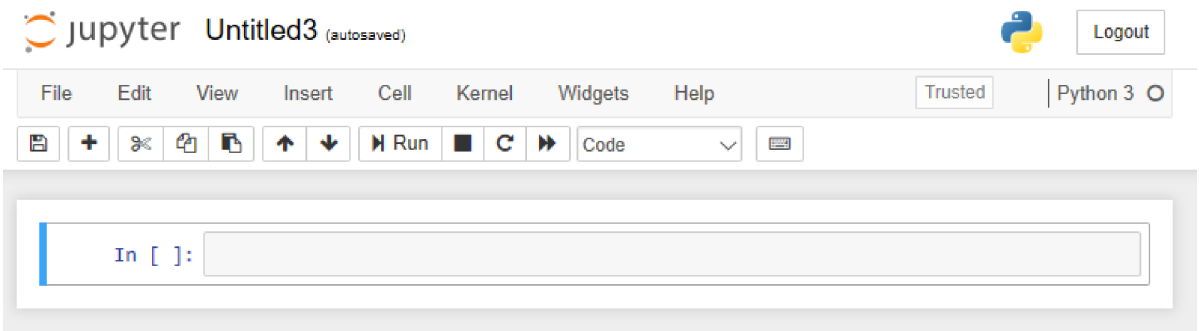
Accessing Jupyter Notebook (Windows)

1. Go to the Windows Start Menu and look in the Anaconda3 menu

2. Select Jupyter Notebook (Anaconda3). This will bring up a console window that will start the system running. Jupyter Notebook will eventually appear in your **web browser**.

Once you have Jupyter Notebook open:

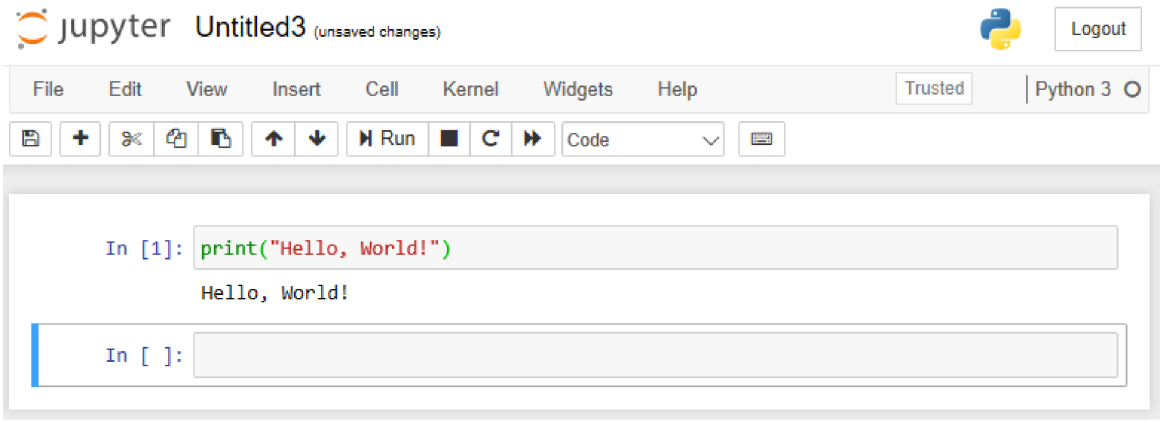
3. Select the **New button**/menu (far right-hand side)
4. Select **Python 3**. This will give a new blank Jupyter Notebook.



5. In the field next to **In [ ]:** enter: **print("Hello, World!")**

Hello, World! is a tradition in Computer Science as the first thing a student learns when learning a new programming language.

6. Select the **Run button** in the menu bar to run the Python code in that field. You should then see:



Now you are all set up with Jupyter Notebook on your local machine.