

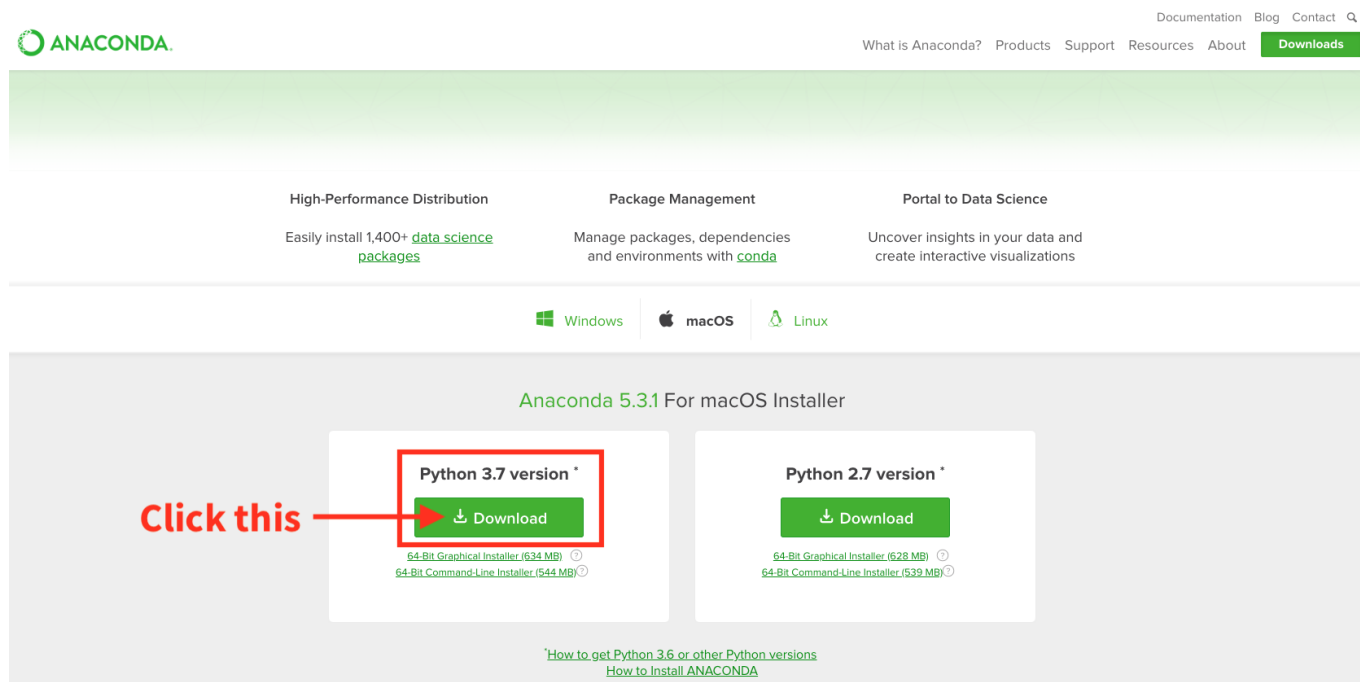
Instruction Manual

Step 1. Install Anaconda

Anaconda is a software that allows you to run the Jupyter Notebook on your computer. Please refer to this link for download:

<https://www.anaconda.com/download/>

Scroll down the page a little bit to find the following section:

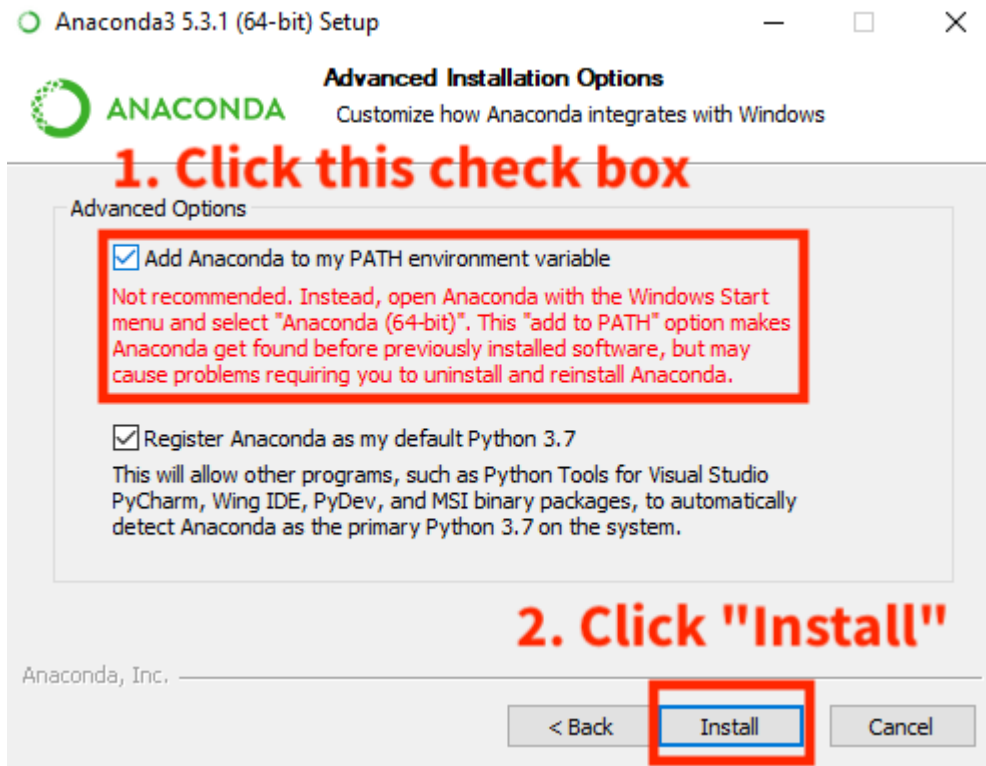


Please download the **Python 3.7 version** of Anaconda

Then please install Anaconda using the downloaded executable.

Windows User

Please execute the installer and keep click on '**Next**' without changing any settings until you see this page:



Make sure you check the option **"Add Anaconda to my PATH environment variable"** before you click **"Install"**.

If the installer is asking you to install "MS Visual Studio Code", please ignore it.

Step 2. Install Required Python Libraries

We are now installing the required Python libraries to allow the program to execute correctly.

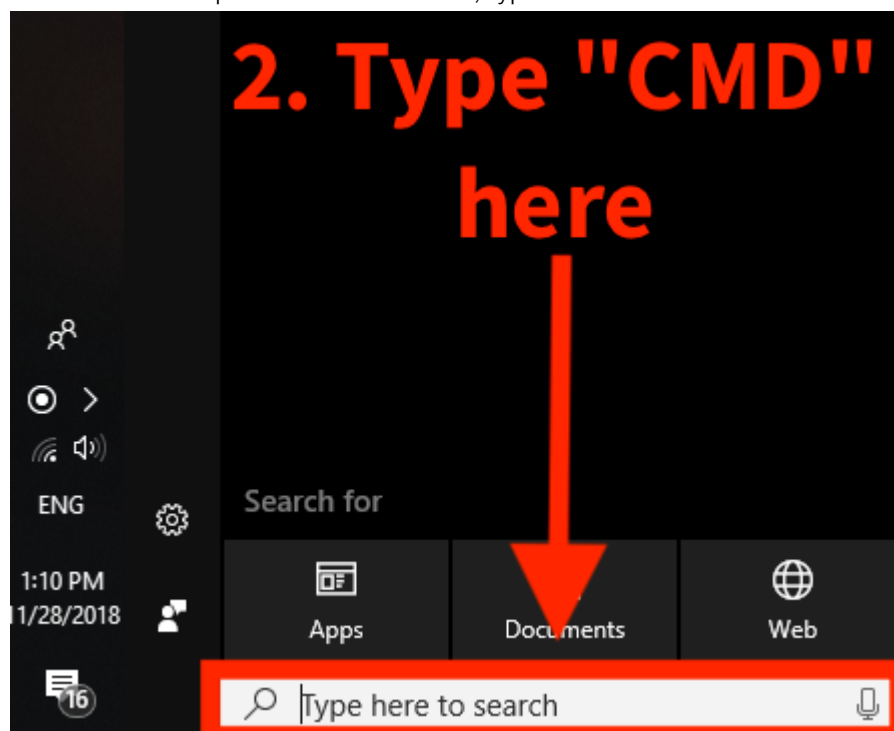
Windows User

1. Please open **CMD** program with "Administrator Privilege"

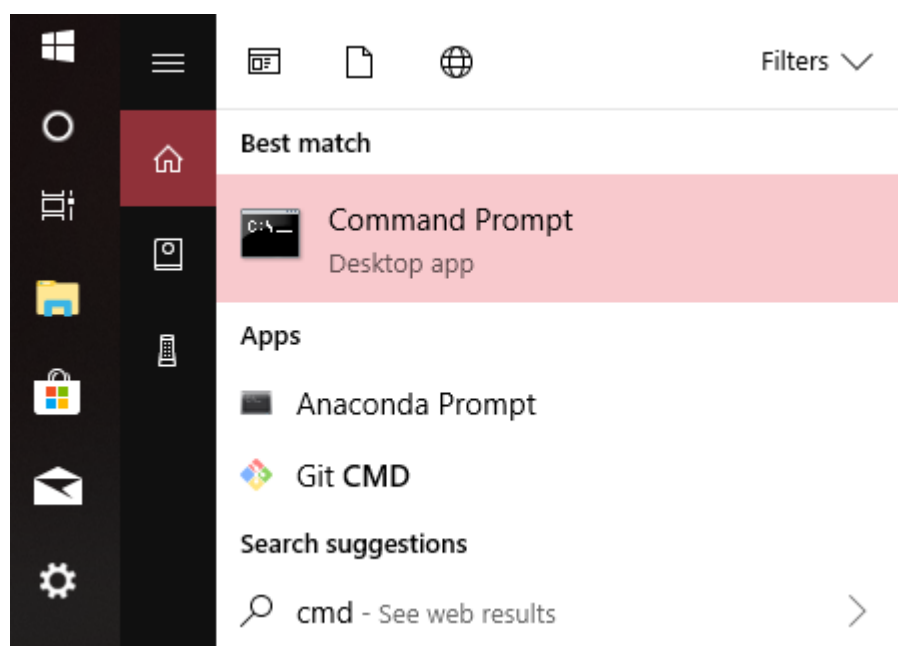
On the Windows taskbar, find a circle icon and click it



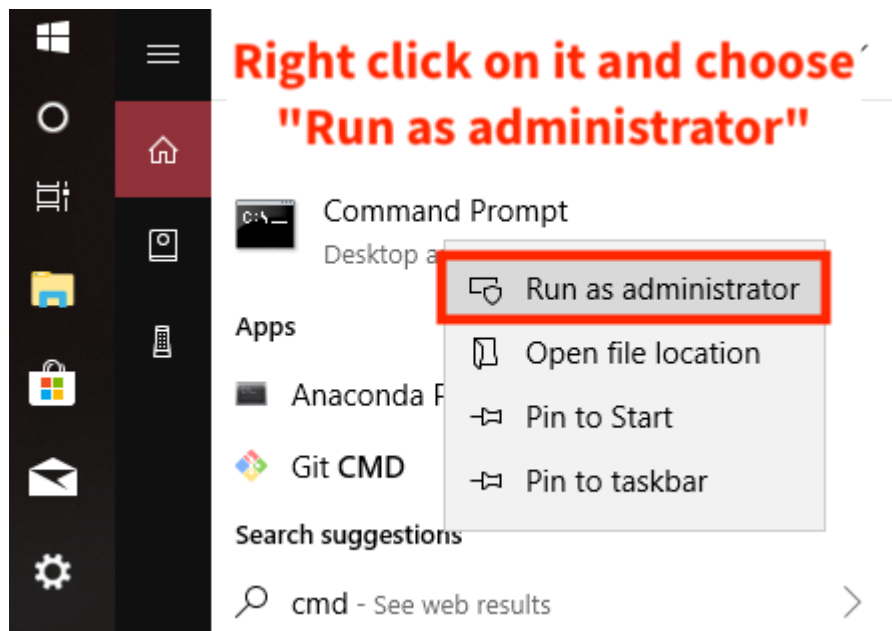
You will see an input field at the bottom, type "**cmd**"



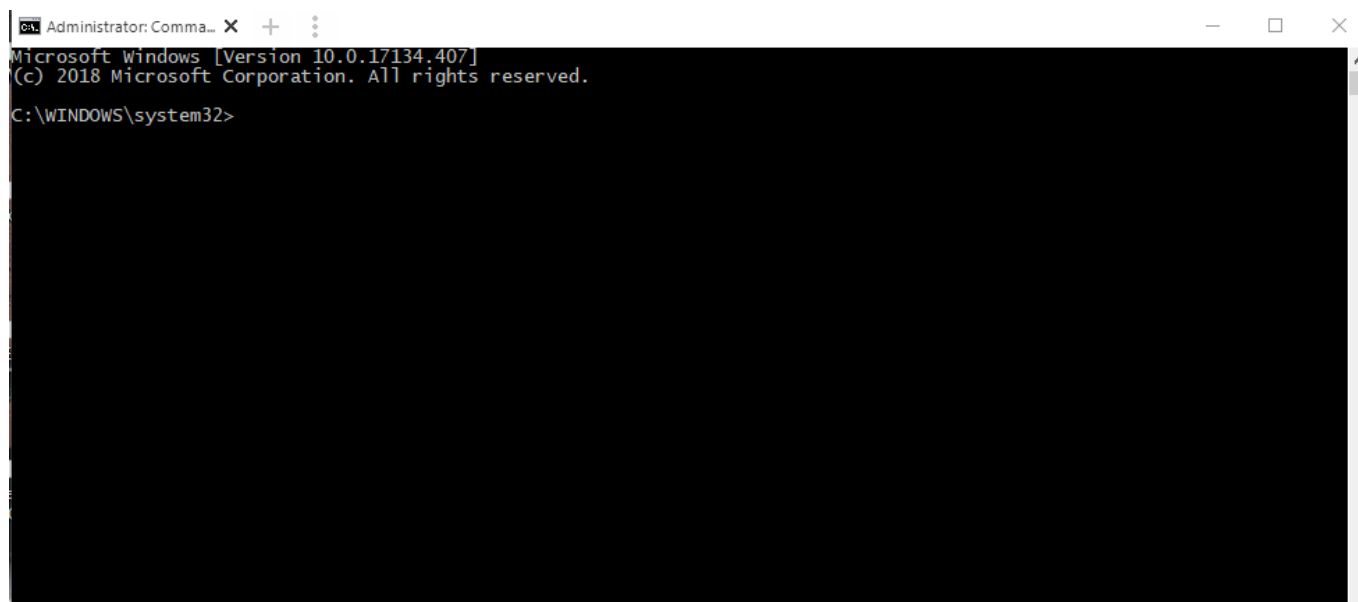
The cmd program will show up in the window.



Please right click on it and choose "Run as administrator"



Here is the CMD window:

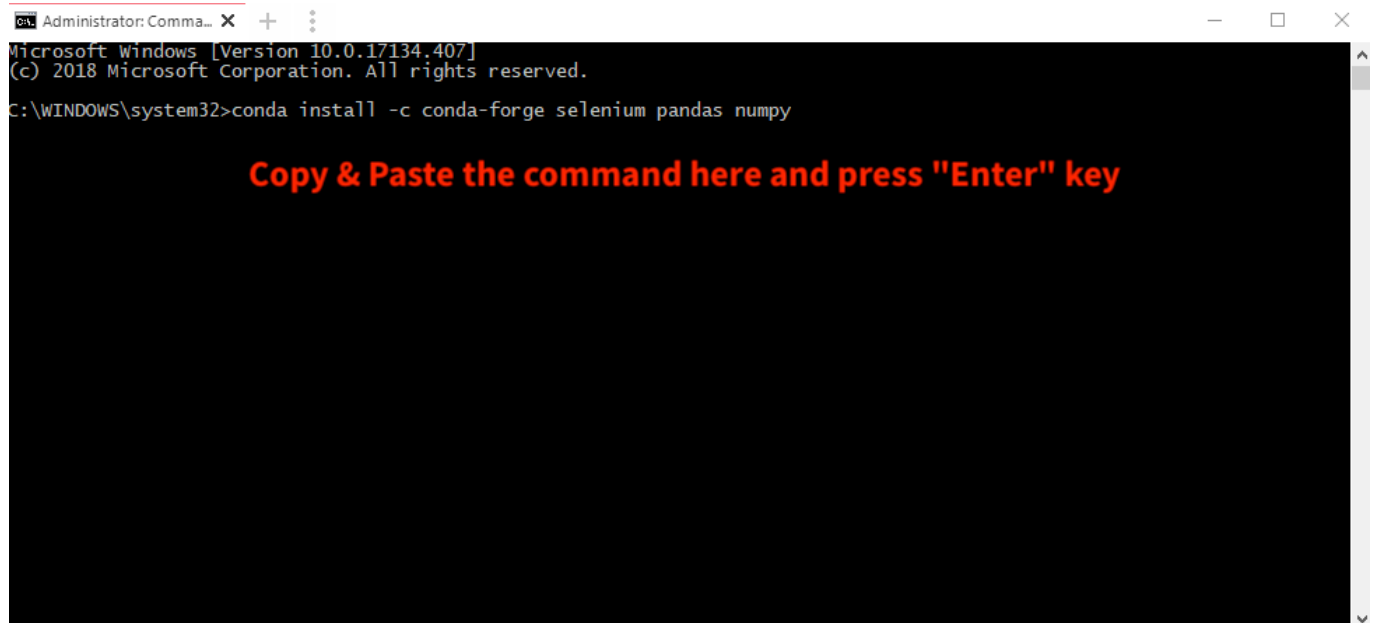


2. Insert the command to install the libraries:

This is the command for installation:

```
conda install -c conda-forge selenium pandas numpy
```

Copy & paste this line to the CMD window and press "Enter" key.

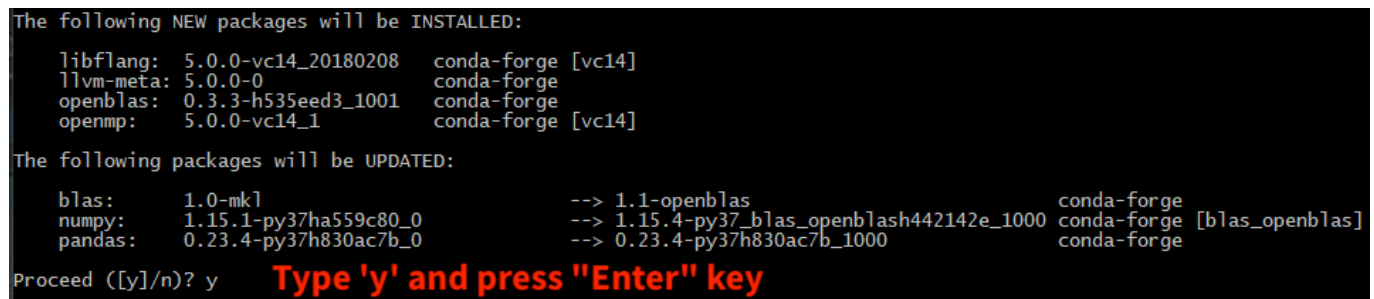


```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17134.407]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>conda install -c conda-forge selenium pandas numpy
```

Copy & Paste the command here and press "Enter" key

Please wait for a couple of minutes. Then, you will see a message like the following, type 'y' and press "Enter" key.



```
The following NEW packages will be INSTALLED:

  libflang: 5.0.0-vc14_20180208    conda-forge [vc14]
  llvm-meta: 5.0.0-0              conda-forge
  openblas: 0.3.3-h535eed3_1001    conda-forge
  openmp:   5.0.0-vc14_1          conda-forge [vc14]

The following packages will be UPDATED:

  blas:           1.0-mkl              --> 1.1-openblas          conda-forge
  numpy:          1.15.1-py37ha559c80_0 --> 1.15.4-py37_blas_openblash442142e_1000 conda-forge [blas_openblas]
  pandas:         0.23.4-py37h830ac7b_0 --> 0.23.4-py37h830ac7b_1000 conda-forge

Proceed ([y]/n)? y
```

Type 'y' and press "Enter" key

Wait until the progress complete.

Step 3. Download the Program Files

Download the program files:

Please refer to this link: https://github.com/hippoandy/UN_Web scraping_WORKANA/

Download the program .zip file as:

Search or jump to... Pull requests Issues Marketplace Explore

hippoandy / UN_Web scraping_WORKANA

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

This is the project aims to find information of job market among Latin America and Caribbean countries. Edit

Manage topics

40 commits 1 branch 0

Branch: master New pull request

Create new file Upload files Find file Clone or download

Clone with HTTPS Use SSH

Use Git or checkout with SVN using the web URL.

https://github.com/hippoandy/UN_Web scraping

Open in Desktop Download ZIP

Help people interested in this repository understand your project by adding a README.

1. Click "Clone or download"

2. Click "Download ZIP"

Open the downloaded .zip file and extract the content:

UN_Web scraping_WO... x + :

File Home Share View Extract

Documents Pictures iCloud Drive

PhD Admissions Library Desktop

Downloads Documents Music

Extract To


Extract all

Click "Extract all"

Extract all items in this folder.

UN_Web scraping_WORKANA-mas... File folder 11/27/2018 8:44 PM

Make sure to change to destination path to your **Download** folder:

←  Extract Compressed (Zipped) Folders

Select a Destination and Extract Files

Files will be extracted to this folder:

C:\Users\Andy\Downloads\

Browse...

☒ Show extracted files when complete

**Make sure to change the path
to your download folder**

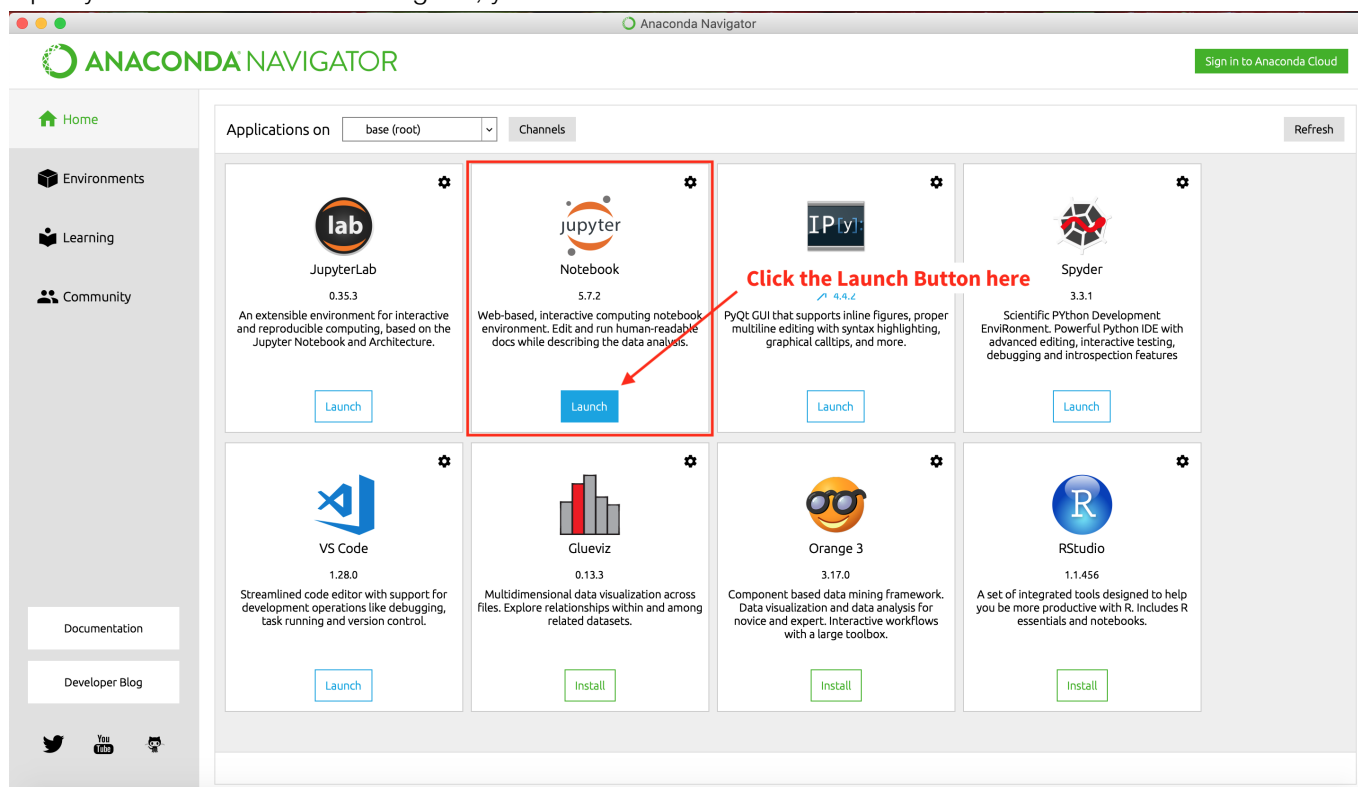
Extract

Cancel

Step 4. Open Jupyter Notebook Application

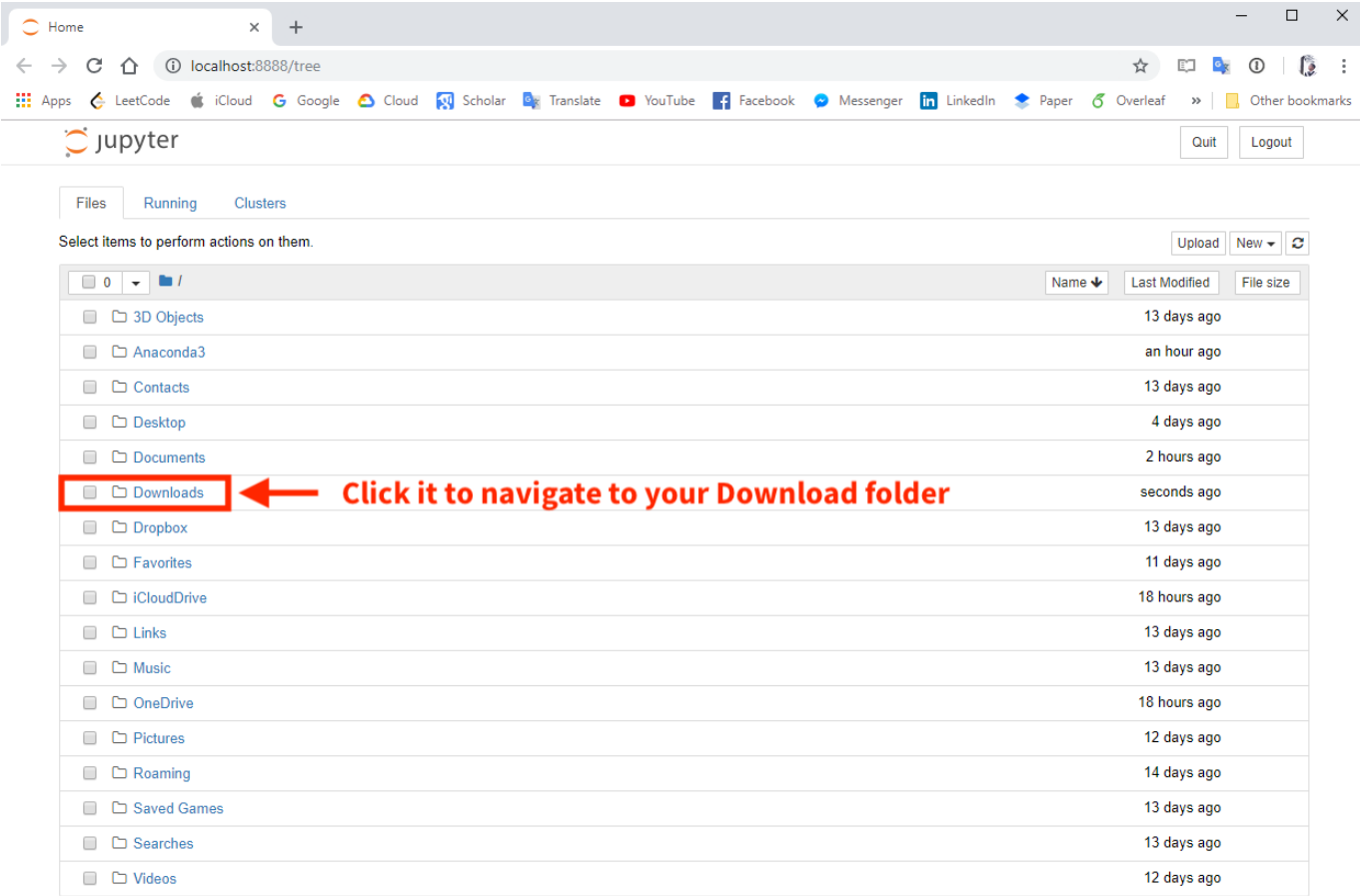
1. Open Anaconda then Jupyter

Open you installed Anaconda Program, you should see a window like this:

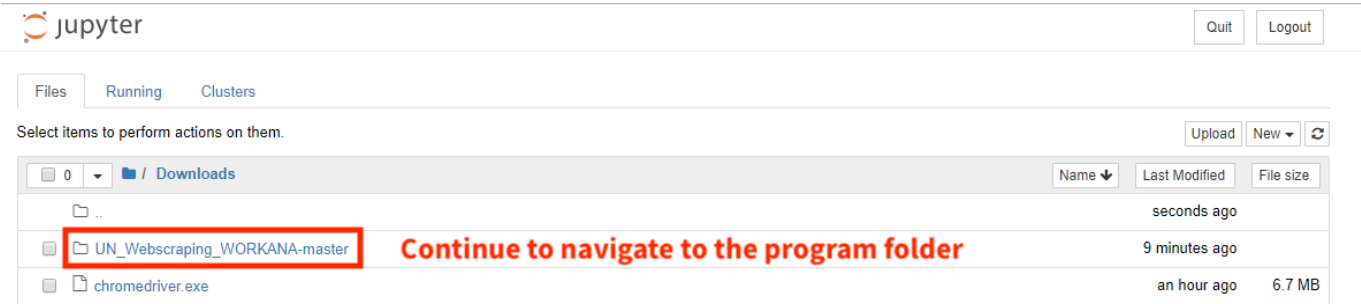


To launch the Jupyter Notebook, click the **"Launch"** button of it.

Then, you should see your browser opens up and shows a page like this:



Navigate to your Download folder, and you should see this:



Here you will see the downloaded files instructed in the previous section. Continue to navigate to the program folder:

```
UN_Webscrpaing_WORKANA-master > scraping > selenium
```


Then, you should see this page:

Quit Logout

Files Running Clusters

Select items to perform actions on them. **Here is the path, make sure it is the same as yours** Upload New ↺

0 / Downloads / UN_Web scraping_WORKANA-master / scraping / selenium

	Name	Last Modified	File size
..		seconds ago	
chrome-driver		11 minutes ago	
WORKANA_Freelancers_Scraping_using_Selenium.ipynb		11 minutes ago	15.4 kB
result.csv		11 minutes ago	2 kB
scrap.py		11 minutes ago	5.4 kB
tutorial.py		11 minutes ago	2.11 kB

Open this Jupyter Notebook

Click on the Jupyter Notebook to open the program.

Here is the Jupyter Notebook program

jupyter WORKANA_Freelancers_Scraping_using_Selenium (unsaved changes) Logout

File Edit View Insert Cell Kernel Widgets Help Not Trusted Python 3

Run

Run the notebook through this button

```
In [1]: '''
This program scraps the information from the freelancers section of the WORKANA website.
This program utilizes the Selenium library for web scraping, which enables the program to change conditions or
filters the website provided to show different result

Author: Yu-Chang (Andy) Ho
Date: 2018/11/27
'''

Out[1]: '\nThis program scraps the information from the freelancers section of the WORKANA website.\nThis program utilizes the Selenium
library for web scraping, which enables the program to change conditions or\nfilters the website provided to show different res
ult\n\nAuthor: Yu-Chang (Andy) Ho\nDate: 2018/11/27\n'

In [2]: # import the required libraries
from selenium import webdriver
```

Please use the run button to execute the notebook.

2. Run the Notebook

If you see this window while running the program, please click "**Allow**".

