Setup the workspace

Install Python latest version

- Download Python latest version on <u>Python Download Page</u>
- Run the downloaded .exe file
- Check the "Add to PATH" box, and click "Install"
- When done, check the success of the installation by typing in the command shell : `python`. You should see something like :

Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC v.1916 32 bit (Intel)] on win32 Type "help", "copyright", "credits" or "license" for more information. \>>> .

Type `exit()` to exit.

Install Python Data Analysis Library 'Pandas'

- In your terminal, type `python -m pip install --upgrade pandas`
- To check whether Pandas is successfully installed, type in your Python terminal `import pandas as pd`, then `pd.__version__`. (To open the Python terminal, type `python` in your terminal.). You may also use `pip list` in your main terminal, and check if you see 'pandas' in the list.

See full documentation on their <u>WebPage</u>.

Some other precious information might be found at this <u>address</u>.

Install MySQL Python Dependecy

- Get to this <u>page</u>, and download the mysqlclient .whl extension package that corresponds to your environment (cp37 means it is adapted for Python 3.7).
- Then, install this package by executing in your terminal `python -m pip install C:/Users/%USERNAME%/Downloads/%WHL_PACKAGE%`, assuming the package can be found in your Download folder.
- To import MySQLClient in Python, execute `import MySQLdb`.

Install BeautifulSoup 4

- Execute `pip install beautifulsoup4`
- To import it in a Python project, execute in your Python terminal : `from bs4 import BeautifulSoup`