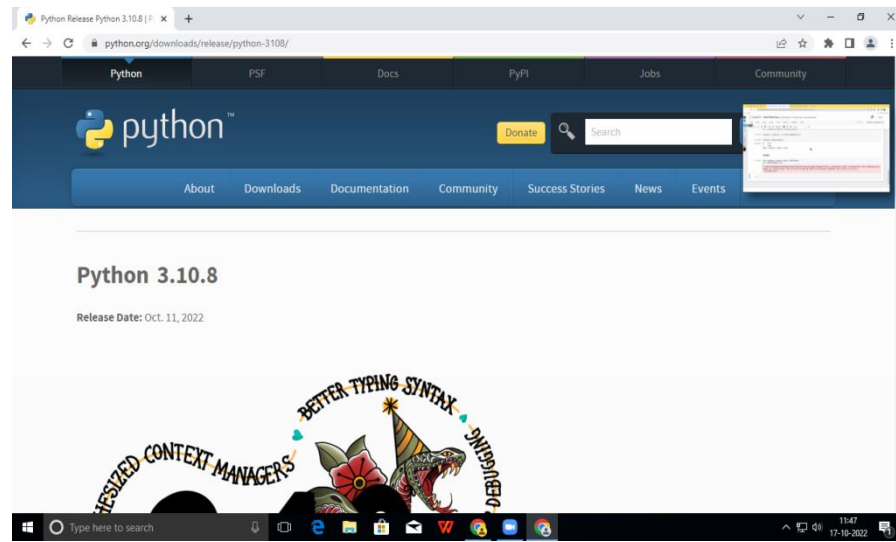


PYTHON INSTALLATION

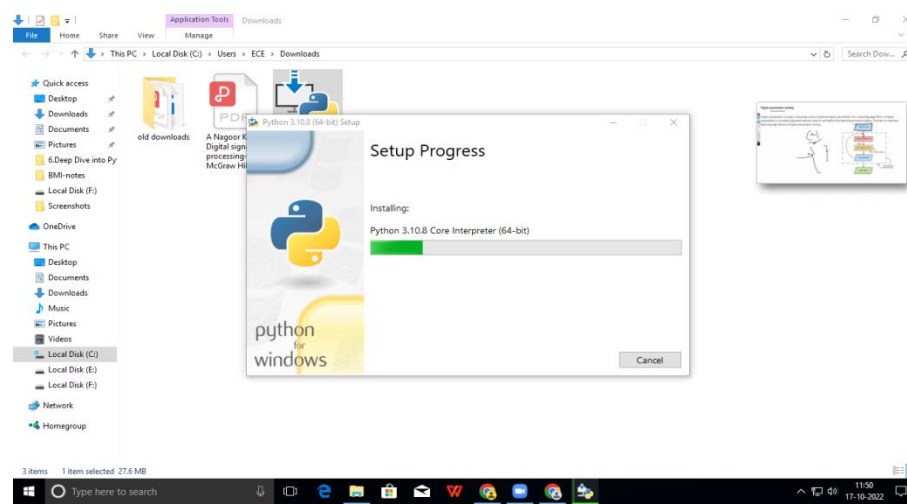
TEAM ID: PNT2022TMID48794

Date of submission:17-10-2022

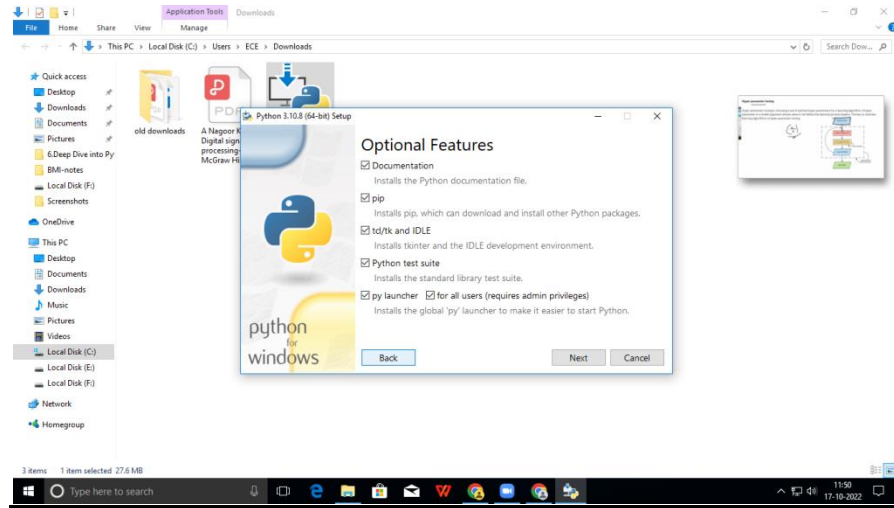
1.visiting python installation website



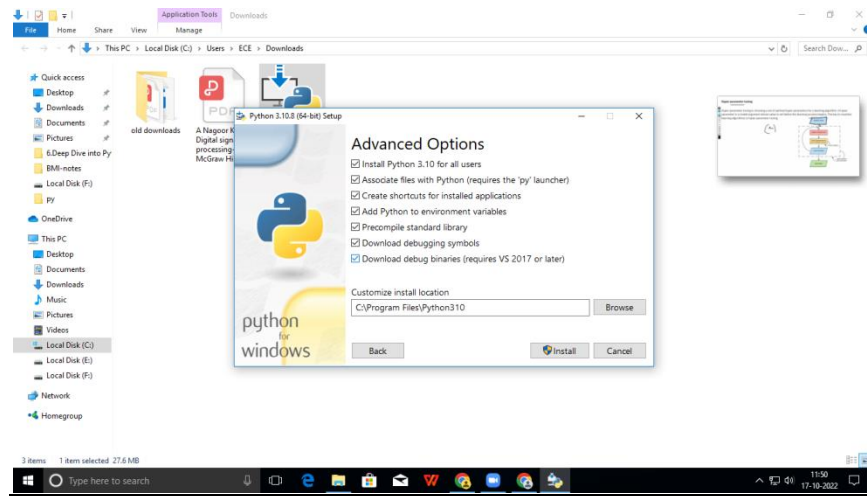
2.setup progress



3. Optinal Feature for python installation



4. Advanced options



5.Installing python packages numpy and pandas

```
Command Prompt
C:\Users\FOURIER>pip install numpy
pip is not recognized as an internal or external command,
operable program or batch file.

C:\Users\FOURIER>python -m pip install numpy
Collecting numpy
  Downloading numpy-1.23.4-cp310-cp310-win_amd64.whl (14.6 MB)
    ----- 14.6/14.6 MB 386.2 KB/s eta 0:00:00
Installing collected packages: numpy
WARNING: The script %py.exe is installed in 'C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed numpy-1.23.4

[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip

C:\Users\FOURIER>python -m pip install pandas
Collecting pandas
  Downloading pandas-0.3.1.tar.gz (5.8 kB)
  Preparing metadata (setup.py) ... done
Requirement already satisfied: setuptools in c:\users\fourier\appdata\local\programs\python\python310\lib\site-packages (from pandas) (63.2.0)
Collecting requests
  Downloading requests-2.28.1-py3-none-any.whl (62 kB)
    ----- 62.0/62.0 kB 550.0 KB/s eta 0:00:00
Collecting certifi-2022.9.24
  Downloading certifi-2022.9.24-py3-none-any.whl (161 kB)
    ----- 161.1/161.1 kB 807.2 KB/s eta 0:00:00
Collecting urllib3-1.27.1
  Downloading urllib3-1.26.12-py2.py3-none-any.whl (140 kB)
    ----- 140.0/140.0 kB 2.1 MB/s eta 0:00:00
Collecting idna-3.4
  Downloading idna-3.4-py3-none-any.whl (61 kB)
    ----- 61.5/61.5 kB 1.7 MB/s eta 0:00:00
Collecting charset-normalizer-3.0.2
  Downloading charset-normalizer-2.1.1-py3-none-any.whl (39 kB)
Using legacy 'setup.py install' for pandas, since package 'wheel' is not installed.
Installing collected packages: urllib3, idna, charset-normalizer, certifi, requests, pandas
WARNING: The script %py.exe is installed in 'C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Running setup.py install for pandas ... done
Successfully installed certifi-2022.9.24 charset-normalizer-2.1.1 idna-3.4 pandas-0.3.1 requests-2.28.1 urllib3-1.26.12

[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip
```

6.Installing python packages matplotlib

```
Command Prompt
[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip

C:\Users\FOURIER>python -m pip install matplotlib
Collecting matplotlib
  Downloading matplotlib-3.6.1-cp310-cp310-win_amd64.whl (7.2 MB)
    ----- 7.2/7.2 MB 3.3 MB/s eta 0:00:00
Collecting fonttools>4.22.0
  Downloading fonttools-4.37.4-py3-none-any.whl (960 kB)
    ----- 960.0/960.0 kB 804.3 KB/s eta 0:00:00
Collecting packaging>20.0
  Downloading packaging-21.3-py3-none-any.whl (40 kB)
    ----- 40.0/40.0 kB 777.4 KB/s eta 0:00:00
Requirement already satisfied: numpy>=1.19 in c:\users\fourier\appdata\local\programs\python\python310\lib\site-packages (from matplotlib) (1.23.4)
Collecting contourpy>=1.0.1
  Downloading contourpy-1.0.5-cp310-cp310-win_amd64.whl (164 kB)
    ----- 164.1/164.1 kB 251.7 KB/s eta 0:00:00
Collecting pyparsing>2.2.1
  Downloading pyparsing-3.0.9-py3-none-any.whl (98 kB)
    ----- 98.3/98.3 kB 122.5 KB/s eta 0:00:00
Collecting cycler>0.10
  Downloading cycler-0.11.0-py3-none-any.whl (6.4 kB)
Collecting kiwisolver>=1.0.1
  Downloading kiwisolver-1.4.4-cp310-cp310-win_amd64.whl (55 kB)
    ----- 55.3/55.3 kB 99.4 KB/s eta 0:00:00
Collecting pillow>6.2.0
  Downloading Pillow-9.2.0-cp310-cp310-win_amd64.whl (3.3 MB)
    ----- 3.3/3.3 MB 1.5 MB/s eta 0:00:00
Collecting python-dateutil>2.7
  Downloading python-dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
    ----- 247.7/247.7 kB 389.3 KB/s eta 0:00:00
Collecting six>=1.5
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, pyparsing, pillow, kiwisolver, fonttools, cycler, contourpy, python-dateutil, packaging, matplotlib
WARNING: The scripts fonttools.exe, pyftmerge.exe, pyftsubset.exe and ttx.exe are installed in 'C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed contourpy-1.0.5 cycler-0.11.0 fonttools-4.37.4 kiwisolver-1.4.4 matplotlib-3.6.1 packaging-21.3 pillow-9.2.0 pyparsing-3.0.9 python-dateutil-2.8.2 six-1.16.0

[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip

C:\Users\FOURIER>
```

7. Installing python package seaborn

```
Command Prompt
[notice] To update, run: C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip
C:\Users\FOURIER>py -m pip install seaborn
Collecting seaborn
  Downloading seaborn-0.12.0-py3-none-any.whl (285 kB)
    -----
    285.1/285.1 kB 1.5 MB/s eta 0:00:00
Requirement already satisfied: matplotlib>=3.1 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from seaborn) (3.6.1)
Requirement already satisfied: numpy>=1.17 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from seaborn) (1.21.4)
Collecting pandas>=0.25
  Downloading pandas-1.5.0-cp310-cp310-win_amd64.whl (10.4 MB)
    -----
    10.4/10.4 MB 0.22 MB/s eta 0:00:00
Requirement already satisfied: cycler>=0.10 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (0.11.0)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (3.0.9)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (4.37.4)
Requirement already satisfied: pillow>=6.2.0 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (9.2.0)
Requirement already satisfied: contourpy>=1.0.1 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (1.0.5)
Requirement already satisfied: packaging>=20.0 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (21.3)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (2.8.2)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from matplotlib>=3.1->seaborn) (1.4.4)
Collecting pytz>=2020.1
  Downloading pytz-2022.4-py2.py3-none-any.whl (500 kB)
    -----
    500.0/500.0 kB 532.0 kB/s eta 0:00:00
Requirement already satisfied: six>=1.5 in c:\users\fourier\AppData\Local\Programs\Python\Python310\lib\site-packages (from python-dateutil>=2.7->matplotlib>=3.1->seaborn) (1.16.0)
Installing collected packages: pytz, pandas, seaborn
Successfully installed pandas-1.5.0 pytz-2022.4 seaborn-0.12.0

[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: C:\Users\FOURIER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip
C:\Users\FOURIER>
```

8. Installing python package scikitlearn

```
C:\Users\FOURIER>py -m pip install sk learn
Collecting sk
  Downloading sk-0.0.1.tar.gz (1.8 kB)
  Preparing metadata (setup.py) ... done
Collecting learn
  Downloading learn-1.0.0.zip (818 bytes)
  Preparing metadata (setup.py) ... done
Using legacy 'setup.py install' for sk, since package 'wheel' is not installed.
Using legacy 'setup.py install' for learn, since package 'wheel' is not installed.
Installing collected packages: sk, learn
  Running setup.py install for sk ... done
  Running setup.py install for learn ... done
Successfully installed learn-1.0.0 sk-0.0.1
```