

# **Abbottabad University Of Science And Technology**

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***CLASS: BS “CS (4D)”***

***SUBJECT: Artificial Intelligence***

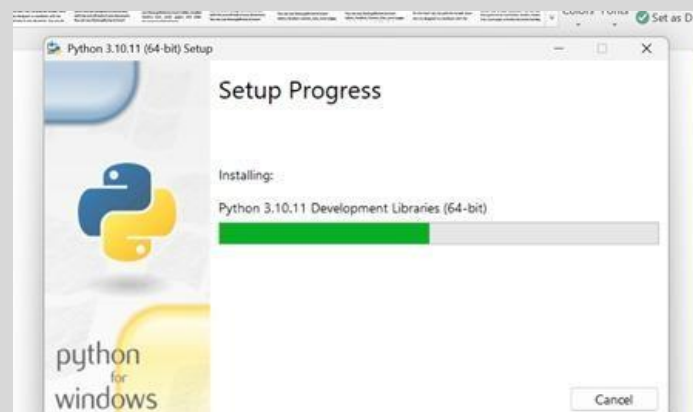
***LAB TASK: 1***

***SUBMITTED TO: SIR ASAAD***

## DOWNLOAD PYTHON



## INSTALLING



## PYTHON INSTALL SUCCESSFULLY



## 1-PIP INSTALL PANDAS

```
C:\Windows\System32> pip install pandas
Collecting pandas
  Downloading pandas-2.2.3-cp310-cp310-win_amd64.whl.metadata (19 kB)
Requirement already satisfied: numpy>=1.22.4 in c:\users\wa705\appdata\local\programs\python\python310\lib\site-packages
(from pandas) (2.1.3)
Collecting python-dateutil>=2.8.2 (from pandas)
  Using cached python_dateutil-2.9.0.post0-py2.py3-none-any.whl.metadata (8.4 kB)
Collecting pytz>=2020.1 (from pandas)
  Using cached pytz-2025.1-py2.py3-none-any.whl.metadata (22 kB)
Collecting tzdata>=2022.7 (from pandas)
  Using cached tzdata-2025.1-py2.py3-none-any.whl.metadata (1.4 kB)
Requirement already satisfied: six>=1.5 in c:\users\wa705\appdata\local\programs\python\python310\lib\site-packages (from
python-dateutil>=2.8.2->pandas) (1.17.0)
Downloading pandas-2.2.3-cp310-cp310-win_amd64.whl (11.6 MB)
0.3/11.6 MB ? eta --:--:--
```

## 2-PIP INSTALL MATPLOTLIB

```
C:\Windows\System32>pip install matplotlib
Collecting matplotlib
  Downloading matplotlib-3.10.1-cp310-cp310-win_amd64.whl.metadata (11 kB)
Collecting contourpy>=1.0.1 (from matplotlib)
  Downloading contourpy-1.3.1-cp310-cp310-win_amd64.whl.metadata (5.4 kB)
Collecting cycler>=0.10 (from matplotlib)
  Using cached cycler-0.12.1-py3-none-any.whl.metadata (3.8 kB)
Collecting fonttools>=4.22.0 (from matplotlib)
  Downloading fonttools-4.56.0-cp310-cp310-win_amd64.whl.metadata (103 kB)
Collecting kiwisolver>=1.3.1 (from matplotlib)
  Downloading kiwisolver-1.4.8-cp310-cp310-win_amd64.whl.metadata (6.3 kB)
Requirement already satisfied: numpy>=1.23 in c:\users\wa705\appdata\local\programs\python\python310\lib\site-packages (
from matplotlib) (2.1.3)
Requirement already satisfied: packaging>=20.0 in c:\users\wa705\appdata\local\programs\python\python310\lib\site-packag
es (from matplotlib) (24.2)
Collecting pillow>=8 (from matplotlib)
```

## 3-PIP INSTALL TENSORFLOW

```
Administrator: Command Prompt - pip install tensorflow
Microsoft Windows [Version 10.0.26100.3194]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>pip install tensorflow
Collecting tensorflow
  Downloading tensorflow-2.19.0-cp310-cp310-win_amd64.whl.metadata (4.1 kB)
Collecting absl-py>=1.0.0 (from tensorflow)
  Downloading absl_py-2.1.0-py3-none-any.whl.metadata (2.3 kB)
Collecting astunparse>=1.6.0 (from tensorflow)
  Downloading astunparse-1.6.3-py2.py3-none-any.whl.metadata (4.4 kB)
Collecting flatbuffers>=24.3.25 (from tensorflow)
  Downloading flatbuffers-25.2.10-py2.py3-none-any.whl.metadata (875 bytes)
```

## 4-PIP INSTALL NUMPY

```
C:\Windows\System32> pip install numpy
Requirement already satisfied: numpy in c:\users\wa705\appdata\local\programs\python\python310\lib\site-packages (2.1.3)

C:\Windows\System32>
```

## 5-PIP INSTALL BEAUTIFULSOUP

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.26100.3194]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>pip install beautifulsoup4
Collecting beautifulsoup4
  Using cached beautifulsoup4-4.13.3-py3-none-any.whl.metadata (3.8 kB)
Collecting soupsieve>1.2 (from beautifulsoup4)
  Using cached soupsieve-2.6-py3-none-any.whl.metadata (4.6 kB)
Requirement already satisfied: typing-extensions>=4.0.0 in c:\users\wa705\appdata\local\programs\python\python310\lib\site-packages (from beautifulsoup4) (4.12.2)
Using cached beautifulsoup4-4.13.3-py3-none-any.whl (186 kB)
Using cached soupsieve-2.6-py3-none-any.whl (36 kB)
Installing collected packages: soupsieve, beautifulsoup4
Successfully installed beautifulsoup4-4.13.3 soupsieve-2.6

C:\Windows\System32>
```

## 6-PIP INSTALL REQUEST

```
Python 3.5.2 (v3.5.2:4def2a2901a5, Jun 25 2016, 22:18:55) [MSC v
Type "help", "copyright", "credits" or "license" for more inform
>>> import pip
>>> py -m install requests
File "<stdin>", line 1
    py -m install requests
    ^
SyntaxError: invalid syntax
>>> python -m pip install requests
File "<stdin>", line 1
    python -m pip install requests
    ^
SyntaxError: invalid syntax
```