

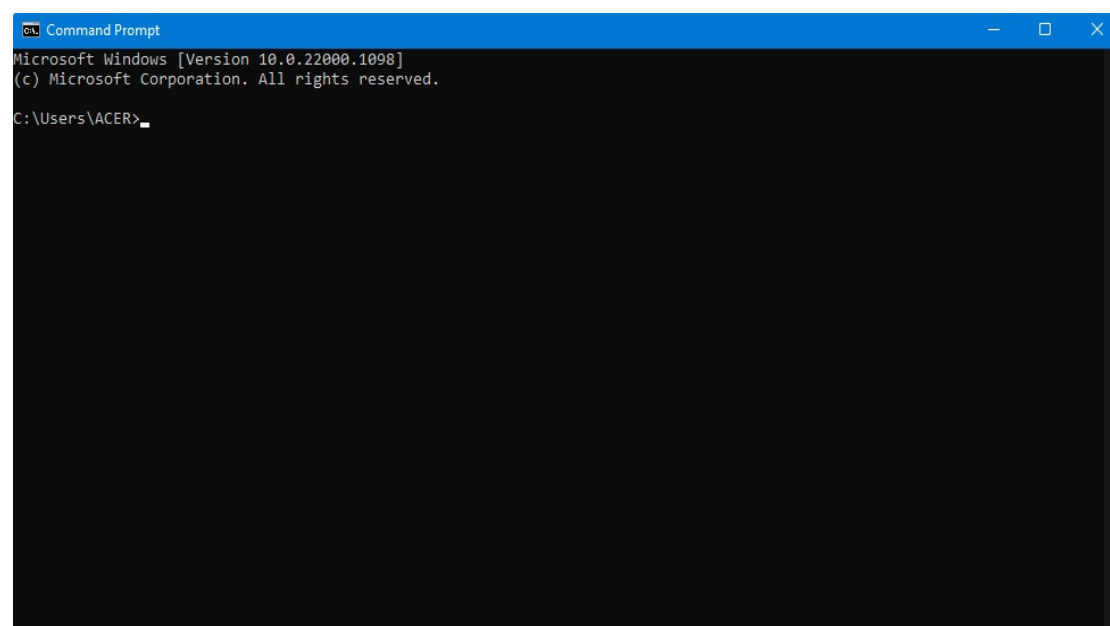
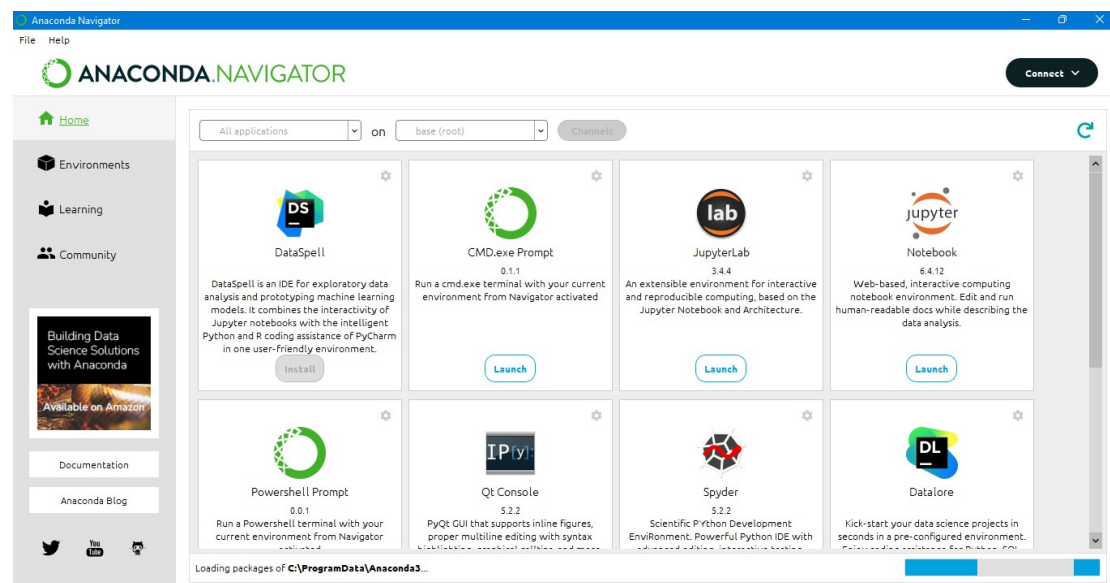
UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

PROJECT NAME- UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

PROJECT ID- PNT2022TMID50813

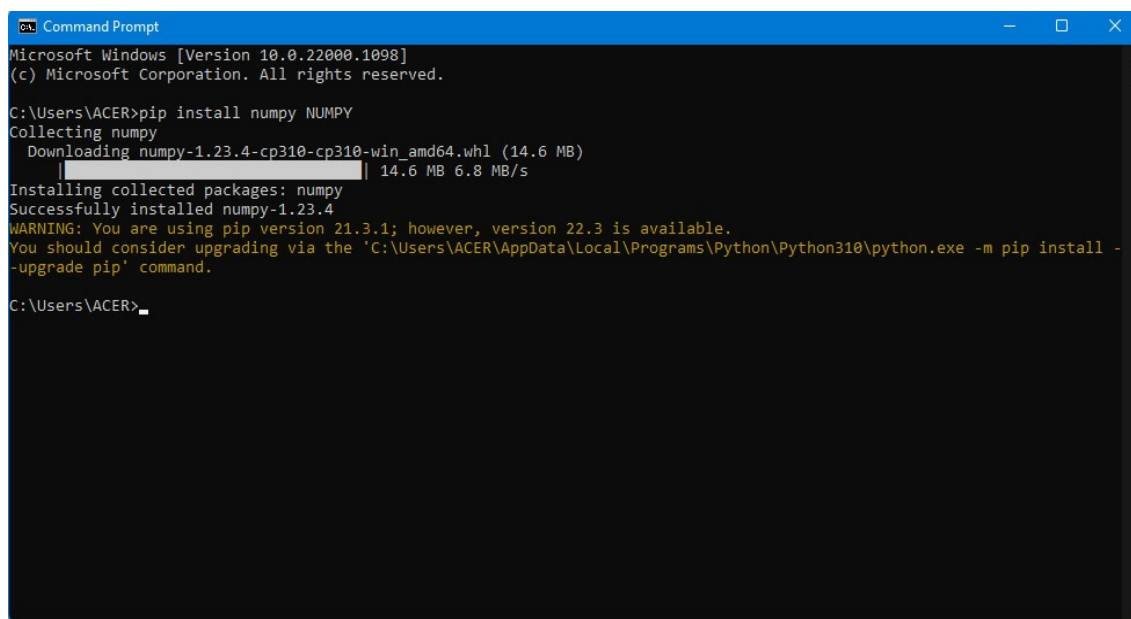
INSTALLATION OF PYTHON PACKAGES

Step 1: Open the anaconda navigator and the command prompt CMD.exe



Step 2: Install the **NUMPY** package using the command pip install numpy in CMD prompt.

NUMPY- Numpy can be used to perform a wide variety of mathematical operations on arrays. It adds powerful data structures to Python that guarantee efficient calculations with arrays and matrices and it is the short form of NUMerical PYthon.



```
Command Prompt
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ACER>pip install numpy Numpy
Collecting numpy
  Downloading numpy-1.23.4-cp310-cp310-win_amd64.whl (14.6 MB)
    |#####| 14.6 MB 6.8 MB/s
Installing collected packages: numpy
Successfully installed numpy-1.23.4
WARNING: You are using pip version 21.3.1; however, version 22.3 is available.
You should consider upgrading via the 'C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\ACER>
```

Step 3: Install the **pandas** package using the command pip install pandas in CMD prompt.

Pandas-pandas is a Python package providing fast, flexible, and expressive data structures designed to make working with relational or labeled data both easy and intuitive. It aims to be the fundamental high-level building block for doing practical, real-world data analysis in Python.

```
Command Prompt - pip install pandas Pandas
Microsoft Windows [Version 10.0.22000.1098]
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C:\Users\ACER>pip install pandas Pandas
Collecting pandas
  Downloading pandas-1.5.1-cp310-cp310-win_amd64.whl (10.4 MB)
    | 10.4 MB 64 kB/s
Requirement already satisfied: pytz>=2020.1 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from pandas) (2022.1)
Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: numpy>=1.21.0 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from pandas) (1.23.4)
Requirement already satisfied: six>=1.5 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)
Installing collected packages: pandas
```

Step 4: Install the **Flask** package using the command pip install flask in CMD prompt

Flask- Flask is a web framework, it's a Python module that lets you develop web applications easily. It's has a small and easy-to-extend core: it's a micro framework that doesn't include an ORM (Object Relational Manager) or such features. It does have many like URL routing, template engine.

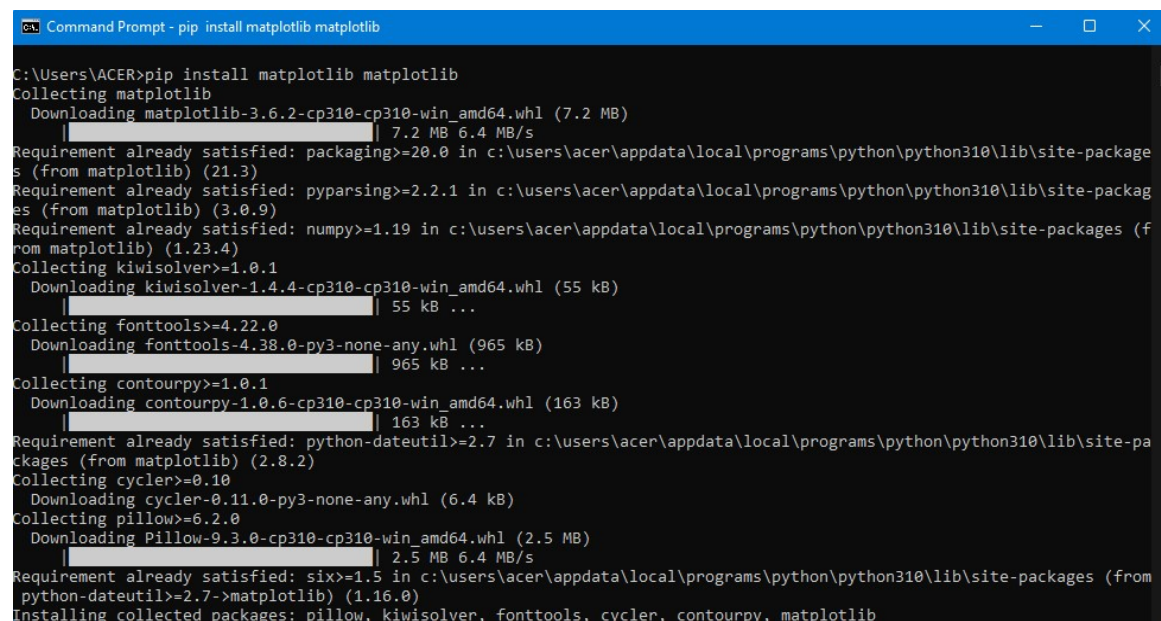
```
Command Prompt
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ACER>pip install flask flask
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
    | 101 kB 2.1 MB/s
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
    | 232 kB 6.4 MB/s
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
    | 96 kB 6.8 MB/s
Requirement already satisfied: Jinja2>=3.0 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from flask) (3.1.2)
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Requirement already satisfied: colorama in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
Installing collected packages: Werkzeug, itsdangerous, click, flask
Successfully installed Werkzeug-2.2.2 click-8.1.3 flask-2.2.2 itsdangerous-2.1.2
WARNING: You are using pip version 21.3.1; however, version 22.3 is available.
You should consider upgrading via the 'C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\ACER>
```

Step 5: Install the **Matplotlib** package using the command `pip install matplotlib` in CMD prompt.

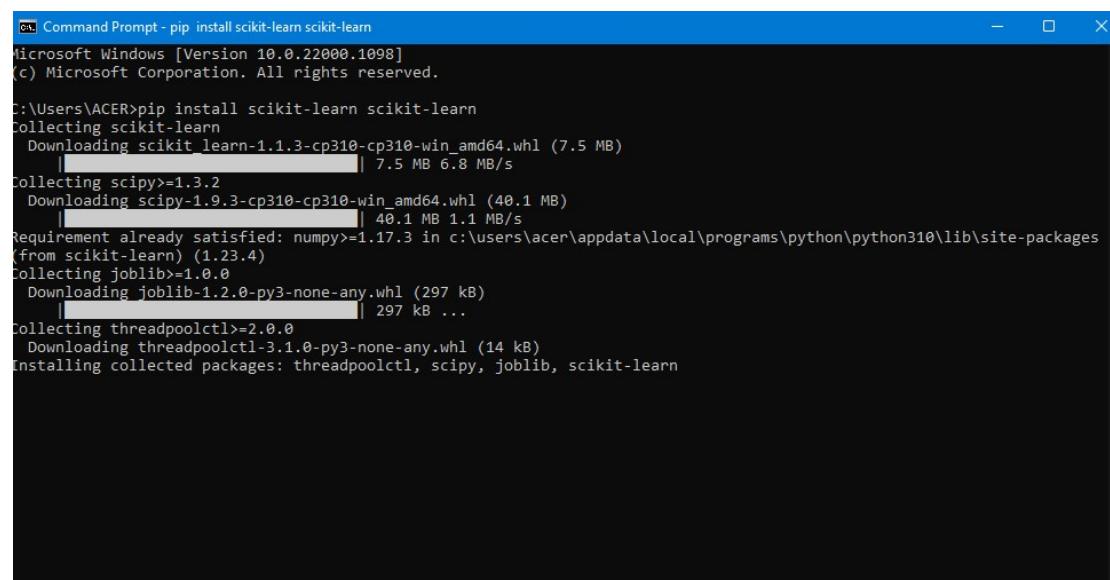
Matplotlib- Matplotlib is a comprehensive library for creating static, animated, and interactive visualizations in Python. Its functions includes Creating publication quality plots, making interactive figures that can zoom, pan, update, customize visual style and layout and export to many file formats.



```
Command Prompt - pip install matplotlib matplotlib
C:\Users\ACER>pip install matplotlib matplotlib
Collecting matplotlib
  Downloading matplotlib-3.6.2-cp310-cp310-win_amd64.whl (7.2 MB)
    | 7.2 MB 6.4 MB/s
Requirement already satisfied: packaging>=20.0 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from matplotlib) (21.3)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from matplotlib) (3.0.9)
Requirement already satisfied: numpy>=1.19 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from matplotlib) (1.23.4)
Collecting kiwisolver>=1.0.1
  Downloading kiwisolver-1.4.4-cp310-cp310-win_amd64.whl (55 kB)
    | 55 kB ...
Collecting fonttools>=4.22.0
  Downloading fonttools-4.38.0-py3-none-any.whl (965 kB)
    | 965 kB ...
Collecting contourpy>=1.0.1
  Downloading contourpy-1.0.6-cp310-cp310-win_amd64.whl (163 kB)
    | 163 kB ...
Requirement already satisfied: python-dateutil>=2.7 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from matplotlib) (2.8.2)
Collecting cycler>=0.10
  Downloading cycler-0.11.0-py3-none-any.whl (6.4 kB)
Collecting pillow>=6.2.0
  Downloading Pillow-9.3.0-cp310-cp310-win_amd64.whl (2.5 MB)
    | 2.5 MB 6.4 MB/s
Requirement already satisfied: six>=1.5 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)
Installing collected packages: pillow, kiwisolver, fonttools, cycler, contourpy, matplotlib
```

Step 6: Install the **scikit-learn** package using the command pip install scikit-learn in CMD prompt.

Scikit-learn- Scikit-learn is an open source data analysis library, and the gold standard for Machine Learning (ML) in the Python ecosystem. The algorithmic decision-making methods, includes classification, regression and clustering.



```
Command Prompt - pip install scikit-learn scikit-learn
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ACER>pip install scikit-learn scikit-learn
Collecting scikit-learn
  Downloading scikit_learn-1.1.3-cp310-cp310-win_amd64.whl (7.5 MB)
    | 7.5 MB 6.8 MB/s
Collecting scipy>=1.3.2
  Downloading scipy-1.9.3-cp310-cp310-win_amd64.whl (40.1 MB)
    | 40.1 MB 1.1 MB/s
Requirement already satisfied: numpy>=1.17.3 in c:\users\acer\appdata\local\programs\python\python310\lib\site-packages
(from scikit-learn) (1.23.4)
Collecting joblib>=1.0.0
  Downloading joblib-1.2.0-py3-none-any.whl (297 kB)
    | 297 kB ...
Collecting threadpoolctl>=2.0.0
  Downloading threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
Installing collected packages: threadpoolctl, scipy, joblib, scikit-learn
```