

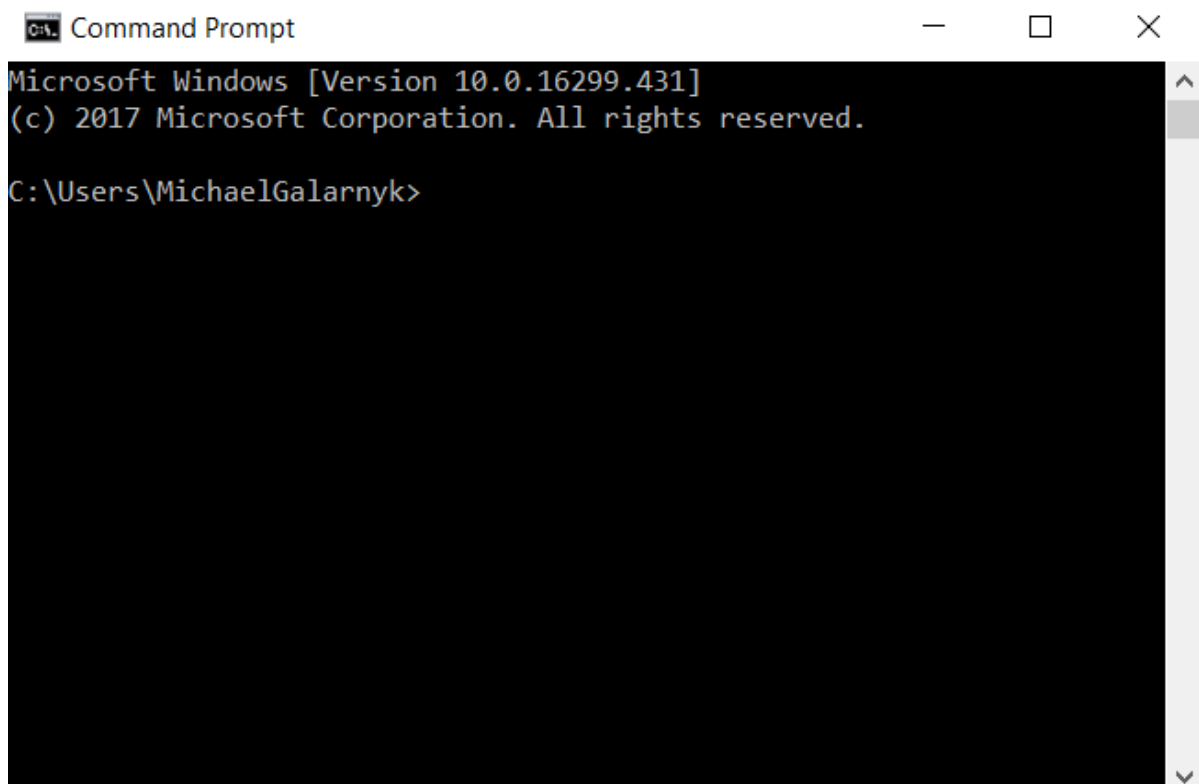
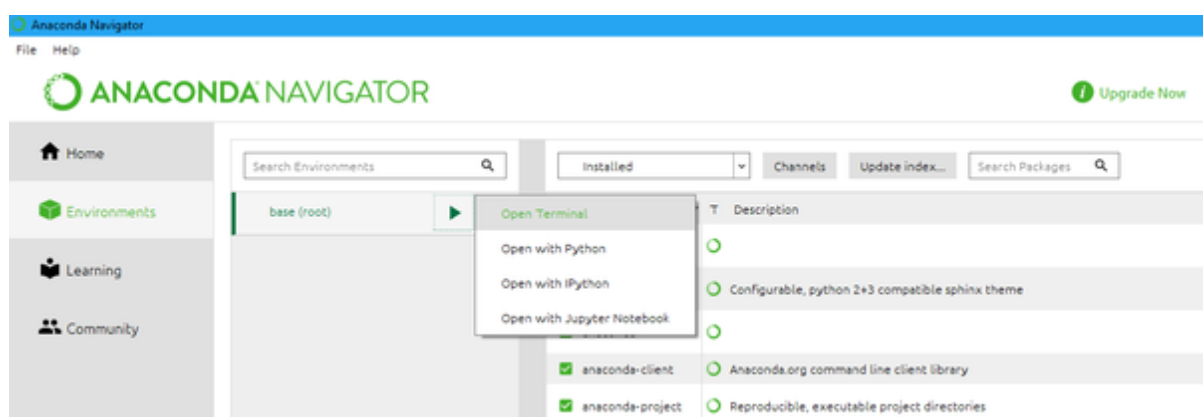
UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

Team ID : PNT2022TMID20988

Project Name : UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

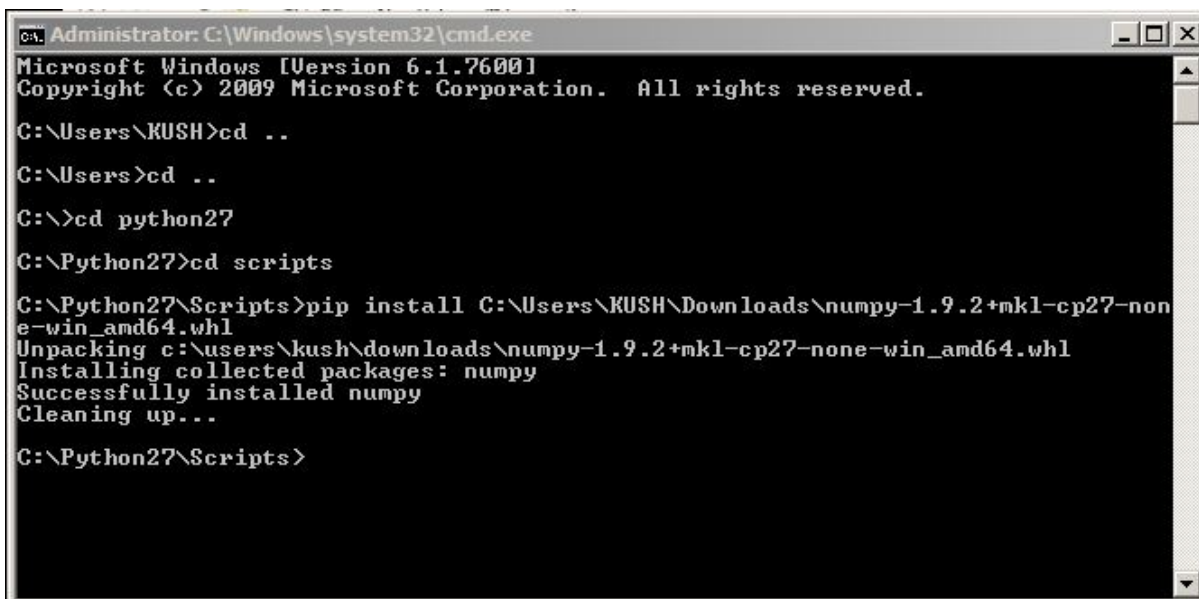
INSTALLATION OF PYTHON PACKAGES

Step 1: Open the anaconda navigator and the command prompt window.



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

NumPy stands for Numerical Python and it is a core scientific computing library in Python. It provides efficient multi-dimensional array objects and various operations to work with these array objects. It can also be used as an efficient multi-dimensional container of generic data. Arbitrary data-types can be defined.

A screenshot of a Windows Command Prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The window shows the following commands and output:

```
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\KUSH>cd ..
C:\Users>cd ..
C:\>cd python27
C:\Python27>cd scripts
C:\Python27\Scripts>pip install C:\Users\KUSH\Downloads\numpy-1.9.2+nkl-cp27-non
e-win_amd64.whl
Unpacking c:\users\kush\downloads\numpy-1.9.2+nkl-cp27-none-win_amd64.whl
Installing collected packages: numpy
Successfully installed numpy
Cleaning up...

C:\Python27\Scripts>
```

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

Pandas - the broader goal of becoming the most powerful and flexible open source data analysis / manipulation tool available in any language, built on top of two core Python libraries—matplotlib for data visualization and NumPy for mathematical operations.

```
Command Prompt
Microsoft Windows [Version 10.0.19043.1083]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>pip install pandas
Collecting pandas
  Downloading https://files.pythonhosted.org/packages/cb/e3/c0bc0f1b3835564f69094135de105a3def2eeb2689338a906bfc659c99d0/pandas-1.3.0-cp38-cp38-win_amd64.whl (10.2MB)
    | 10.2MB 3.3MB/s
Collecting pytz>=2017.3 (from pandas)
  Downloading https://files.pythonhosted.org/packages/70/94/784178ca5dd892a98f113cdd923372024dc04b8d40abe77ca76b5fb90ca6/pytz-2021.1-py2.py3-none-any.whl (510kB)
    | 512kB 6.4MB/s
Collecting python-dateutil>=2.7.3 (from pandas)
  Downloading https://files.pythonhosted.org/packages/36/7a/87837f39d0296e723bb9b62bbb257d0355c7f6128853c78955f57342a56d/python_dateutil-2.8.2-py2.py3-none-any.whl (247kB)
    | 256kB ...
Collecting numpy>=1.17.3 (from pandas)
  Downloading https://files.pythonhosted.org/packages/df/22/b74e5cedeeef1e3f108c986bd0b75600997d8b25def334a68f08d372db523/numpy-1.21.0-cp38-cp38-win_amd64.whl (14.0MB)
    | 14.0MB 2.2MB/s
Collecting six>=1.5 (from python-dateutil>=2.7.3->pandas)
  Downloading https://files.pythonhosted.org/packages/d9/5a/e7c31adbe875f2abbb91bd84cf2dc52d792b5a01506781dbcf25c91daf11/six-1.16.0-py2.py3-none-any.whl
Installing collected packages: pytz, six, python-dateutil, numpy, pandas
Successfully installed numpy-1.21.0 pandas-1.3.0 python-dateutil-2.8.2 pytz-2021.1 six-1.16.0
WARNING: You are using pip version 19.2.3, however version 21.1.3 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
```

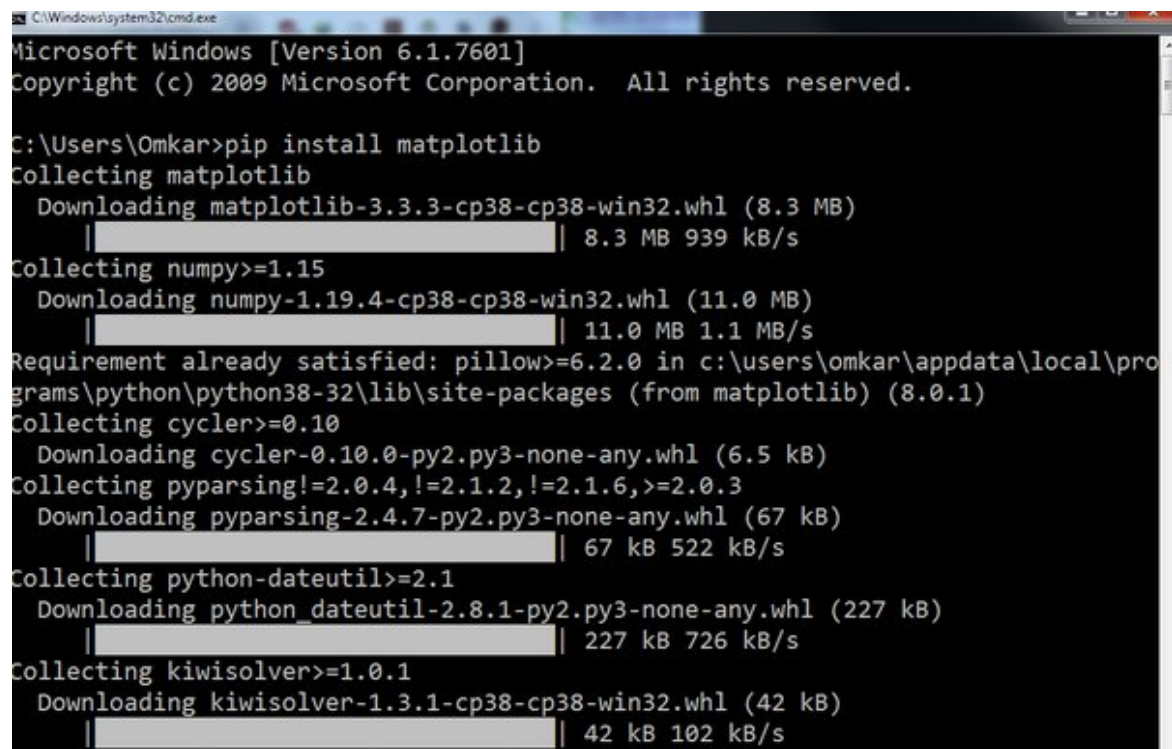
Step 4: Install the Flask package using the command `pip install flask` in CMD prompt.

Flask- a web framework that provides libraries to build lightweight web applications in python. It is developed by Armin Ronacher who leads an international group of python enthusiasts (POCCO). It is based on WSGI toolkit and jinja2 template engine. Flask is considered as a micro framework

```
Administration Command Prompt
C:\WINDOWS\system32>pip install flask
Collecting flask
  Using cached Flask-1.1.2-py2.py3-none-any.whl (94 kB)
Requirement already satisfied: click>=5.1 in c:\program files (x86)\python38-32\lib\site-packages (from flask) (7.1.1)
Requirement already satisfied: itsdangerous>=0.24 in c:\program files (x86)\python38-32\lib\site-packages (from flask) (1.1.0)
Requirement already satisfied: Jinja2>=2.10.1 in c:\program files (x86)\python38-32\lib\site-packages (from flask) (2.11.2)
Requirement already satisfied: Werkzeug>=0.15 in c:\program files (x86)\python38-32\lib\site-packages (from flask) (1.0.1)
Requirement already satisfied: MarkupSafe>=0.23 in c:\program files (x86)\python38-32\lib\site-packages (from Jinja2>=2.10.1->flask) (1.1.1)
Installing collected packages: flask
Successfully installed flask-1.1.2
```

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

Matplotlib is a Python package used for data plotting and visualisation. It is a useful complement to Pandas, and like Pandas, is a very feature-rich library which can produce a large variety of plots, charts, maps, and other visualisations.



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Omkar>pip install matplotlib
Collecting matplotlib
  Downloading matplotlib-3.3.3-cp38-cp38-win32.whl (8.3 MB)
    | 8.3 MB 939 kB/s
Collecting numpy>=1.15
  Downloading numpy-1.19.4-cp38-cp38-win32.whl (11.0 MB)
    | 11.0 MB 1.1 MB/s
Requirement already satisfied: pillow>=6.2.0 in c:\users\omkar\appdata\local\programs\python\python38-32\lib\site-packages (from matplotlib) (8.0.1)
Collecting cyclor>=0.10
  Downloading cyclor-0.10.0-py2.py3-none-any.whl (6.5 kB)
Collecting pyparsing!=2.0.4,!=2.1.2,!=2.1.6,>=2.0.3
  Downloading pyparsing-2.4.7-py2.py3-none-any.whl (67 kB)
    | 67 kB 522 kB/s
Collecting python-dateutil>=2.1
  Downloading python_dateutil-2.8.1-py2.py3-none-any.whl (227 kB)
    | 227 kB 726 kB/s
Collecting kiwisolver>=1.0.1
  Downloading kiwisolver-1.3.1-cp38-cp38-win32.whl (42 kB)
    | 42 kB 102 kB/s
```

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

Scikit-learn is an open source data analysis library, and the gold standard for Machine Learning (ML) in the Python ecosystem. Key concepts and features include: Algorithmic decision-making methods, including: Classification: identifying and categorizing data based on patterns

```
C:\Users\HP>python -m pip install -U pip setuptools
Requirement already up-to-date: pip in c:\users\hp\appdata\local\programs\python\python35\lib\site-packages (19.0.3)
Collecting setuptools
  Downloading https://files.pythonhosted.org/packages/d1/6a/4b2fcedf2ea0868810e92d519dacac1ddc64a2e53ba9e3422c3b62b378a6
/setuptools-40.8.0-py2.py3-none-any.whl (575kB)
    100% |#####| 583kB 62kB/s
Installing collected packages: setuptools
  Found existing installation: setuptools 38.4.0
  Uninstalling setuptools-38.4.0:
    Successfully uninstalled setuptools-38.4.0
Successfully installed setuptools-40.8.0

C:\Users\HP>pip install scikit-learn
Collecting scikit-learn
  Using cached https://files.pythonhosted.org/packages/d3/fa/b50821115c16e9b8ca307d3788e3dd1ec71cade3e564953ed7330a1fa3e
0/scikit_learn-0.20.3-cp35-cp35m-win_amd64.whl
Requirement already satisfied: numpy>=1.8.2 in c:\users\hp\appdata\local\programs\python\python35\lib\site-packages (fro
m scikit-learn) (1.14.0)
Collecting scipy>=0.13.3 (from scikit-learn)
  Downloading https://files.pythonhosted.org/packages/ac/65/9efc846e049cc219035e3acd33dfe6a8e4b37b16b7fd77cd130d64b3897c
/scipy-1.2.1-cp35-cp35m-win_amd64.whl (30.1MB)
    100% |#####| 30.1MB 21kB/s
Installing collected packages: scipy, scikit-learn
Successfully installed scikit-learn-0.20.3 scipy-1.2.1
```