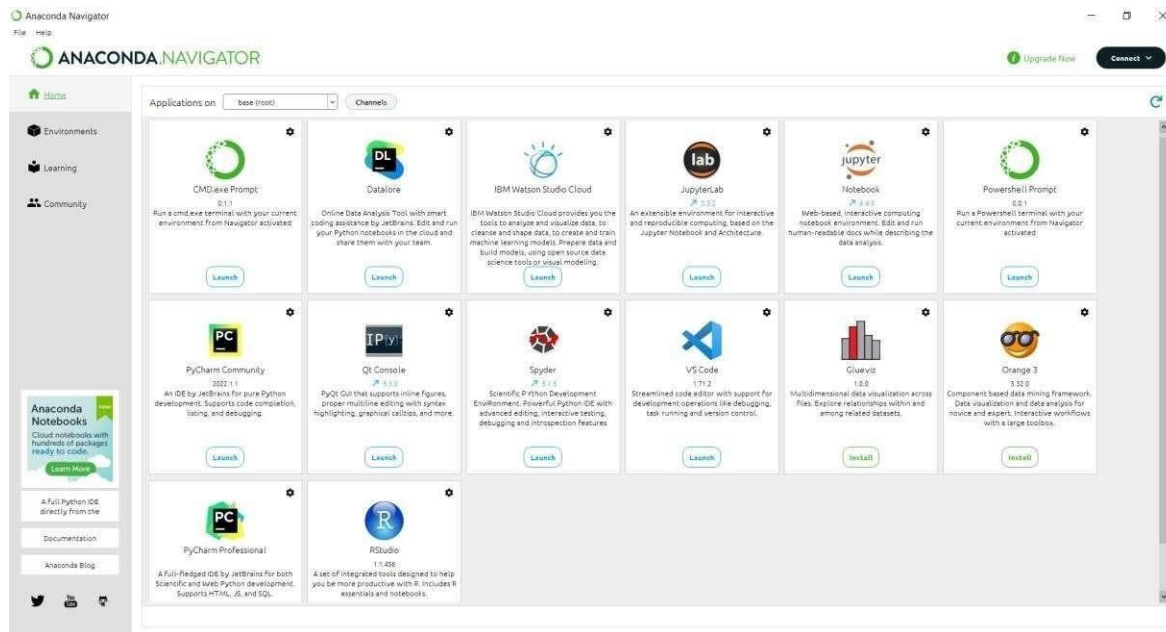


UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

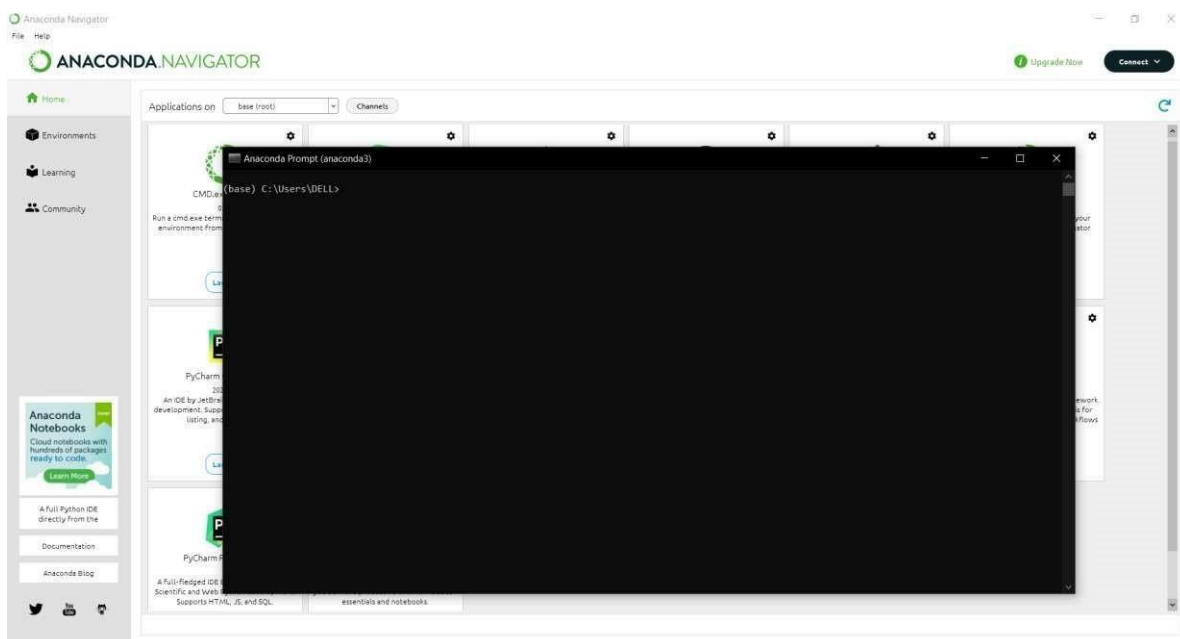
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| Team ID | PNT2022TMID15350 |
| Project Name | University Admit Eligibility Predictor |

Installing python package

Step 1: Open the anaconda navigator in the star menu



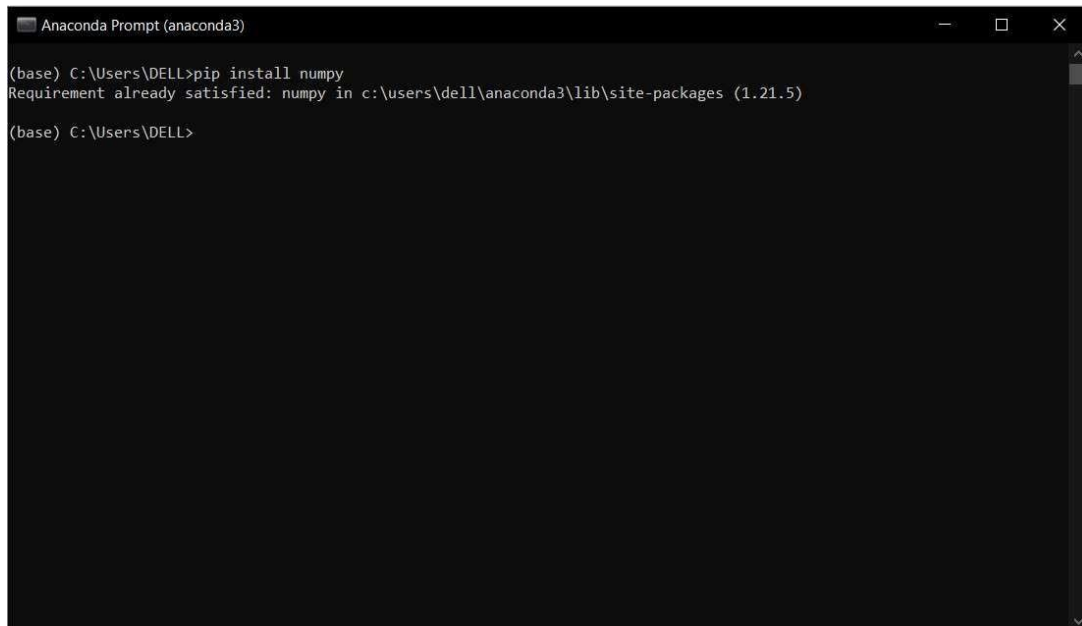
Step 2: Open the CMD.exe prompt



Step 3: Install the NUMPY package. To enter the numpy package enter the command in the CMD.exe

Command: Pip install numpy.

Numpy: This package is used to perform numerical computations. This package comes pre-installed with Anaconda. NumPy is used for manipulating arrays. NumPy stands for Numerical Python.

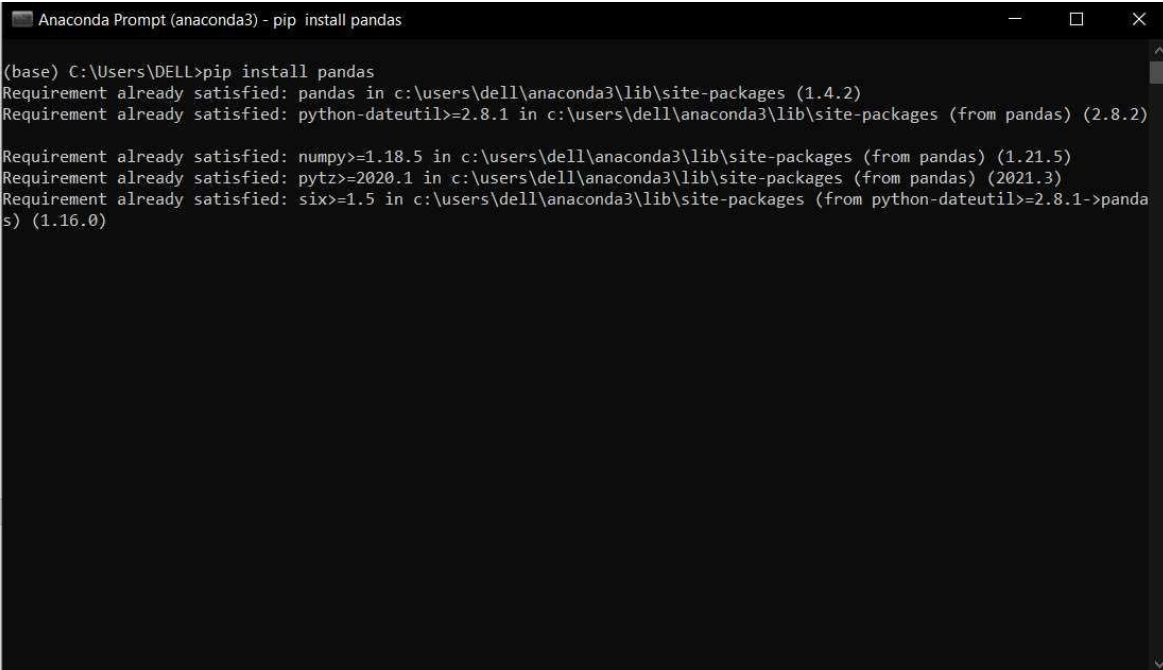
A screenshot of the Anaconda Prompt terminal window. The window title is "Anaconda Prompt (anaconda3)". The terminal shows the command `(base) C:\Users\DELL>pip install numpy` being entered. The output is `Requirement already satisfied: numpy in c:\users\dell\anaconda3\lib\site-packages (1.21.5)`. The prompt then returns to `(base) C:\Users\DELL>`.

```
Anaconda Prompt (anaconda3)
(base) C:\Users\DELL>pip install numpy
Requirement already satisfied: numpy in c:\users\dell\anaconda3\lib\site-packages (1.21.5)
(base) C:\Users\DELL>
```

Step 4: Install the pandas package. To enter the pandas package enter the command in the CMD.exe

Command: Pip install pandas

Pandas: Pandas is one of the most widely used Python libraries for data science. It provides powerful and easy-to-use structure and data analysis tools. This package comes pre-installed with Anaconda. An open source library built on top of the NumPy library. A Python package that provides various data structures and operations for working with numerical data and time series. Mainly, it's common for data to be imported and analyzed much easier. Pandas is fast, providing users with high performance and productivity.

A screenshot of an Anaconda Prompt window. The title bar reads 'Anaconda Prompt (anaconda3) - pip install pandas'. The command prompt shows the command '(base) C:\Users\DELL>pip install pandas'. The output indicates that pandas (1.4.2) is already installed. It also lists several dependencies that are already satisfied: python-dateutil (2.8.2), numpy (1.21.5), pytz (2021.3), and six (1.16.0).

```
Anaconda Prompt (anaconda3) - pip install pandas
(base) C:\Users\DELL>pip install pandas
Requirement already satisfied: pandas in c:\users\dell\anaconda3\lib\site-packages (1.4.2)
Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\dell\anaconda3\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: numpy>=1.18.5 in c:\users\dell\anaconda3\lib\site-packages (from pandas) (1.21.5)
Requirement already satisfied: pytz>=2020.1 in c:\users\dell\anaconda3\lib\site-packages (from pandas) (2021.3)
Requirement already satisfied: six>=1.5 in c:\users\dell\anaconda3\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)
```

Step 5: Install the Matplotlib package. To enter the Matplotlib package enter the command in the CMD.exe

Command: Pip install Matplotlib

Matplotlib: Matplotlib is a comprehensive library for creating static, animated and interactive visualizations in Python. This package comes pre-installed with Anaconda. Matplotlib is a nice visualization library in Python for 2D plotting of arrays. Matplotlib is a cross-platform data visualization library based on NumPy arrays and designed to work with the wider SciPy stack. Introduced by John Hunter in 2002.

```
Anaconda Prompt (anaconda3)

(base) C:\Users\DELL>pip install matplotlib
Requirement already satisfied: matplotlib in c:\users\dell\anaconda3\lib\site-packages (3.5.1)
Requirement already satisfied: cyclor>=0.10 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (3.0.4)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: numpy>=1.17 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (1.21.5)
Requirement already satisfied: pillow>=6.2.0 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (9.0.1)
Requirement already satisfied: packaging>=20.0 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (21.3)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (4.25.0)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\dell\anaconda3\lib\site-packages (from matplotlib) (1.3.2)
Requirement already satisfied: six>=1.5 in c:\users\dell\anaconda3\lib\site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)

(base) C:\Users\DELL>
```

Step 6: Install the Scikit-learn package. To enter the Scikit-learn package enter the command in the CMD,exe

Command: Pip install Scikit-learn

Scikit-learn: This is a machine learning library for the Python programming language. This package comes pre-installed with Anaconda. Scikit Learn in Python is primarily used to focus on modeling in Python. It was only focused on modeling, not loading data.

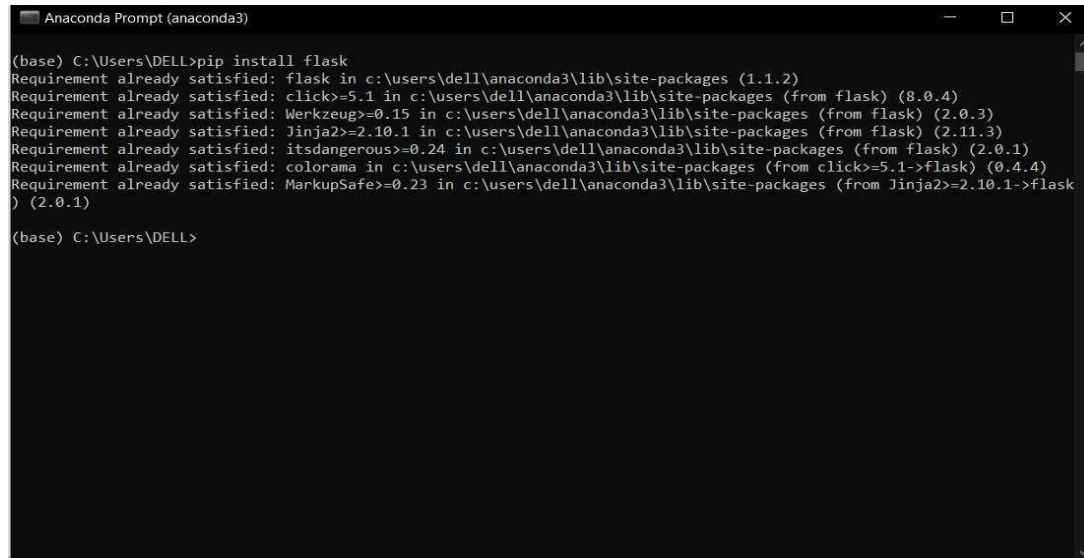
```
Anaconda Prompt (anaconda3)

(base) C:\Users\DELL>pip install scikit-learn
Requirement already satisfied: scikit-learn in c:\users\dell\anaconda3\lib\site-packages (1.0.2)
Requirement already satisfied: joblib>=0.11 in c:\users\dell\anaconda3\lib\site-packages (from scikit-learn) (1.1.0)
Requirement already satisfied: numpy>=1.14.6 in c:\users\dell\anaconda3\lib\site-packages (from scikit-learn) (1.21.5)
Requirement already satisfied: scipy>=1.1.0 in c:\users\dell\anaconda3\lib\site-packages (from scikit-learn) (1.7.3)
Requirement already satisfied: threadpoolctl>=2.0.0 in c:\users\dell\anaconda3\lib\site-packages (from scikit-learn) (2.2.0)

(base) C:\Users\DELL>
```

Step 7: Install the Flask package. To enter the Flask package enter the command in the CMD,exe

Command: Pip install Flask

A screenshot of the Anaconda Prompt (anaconda3) window. The terminal shows the command '(base) C:\Users\DELL>pip install flask' and its output. The output lists several requirements that are already satisfied: flask (1.1.2), click (8.0.4), Werkzeug (2.0.3), Jinja2 (2.11.3), itsdangerous (2.0.1), colorama (0.4.4), and MarkupSafe (2.0.1). The prompt then returns to '(base) C:\Users\DELL>'.

```
(base) C:\Users\DELL>pip install flask
Requirement already satisfied: flask in c:\users\dell\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: click>=5.1 in c:\users\dell\anaconda3\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\dell\anaconda3\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\dell\anaconda3\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\dell\anaconda3\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: colorama in c:\users\dell\anaconda3\lib\site-packages (from click>=5.1->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\dell\anaconda3\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

(base) C:\Users\DELL>
```

Flask: Flask is a lightweight WSGI web application framework Flask is a web application framework written in Python. It is developed by Armin Ronacher, who leads an international group of Python enthusiasts called Pocco. Flask is based on the WSGI toolkit tools and the Jinja2 template engine. Both are Pocco projects.