

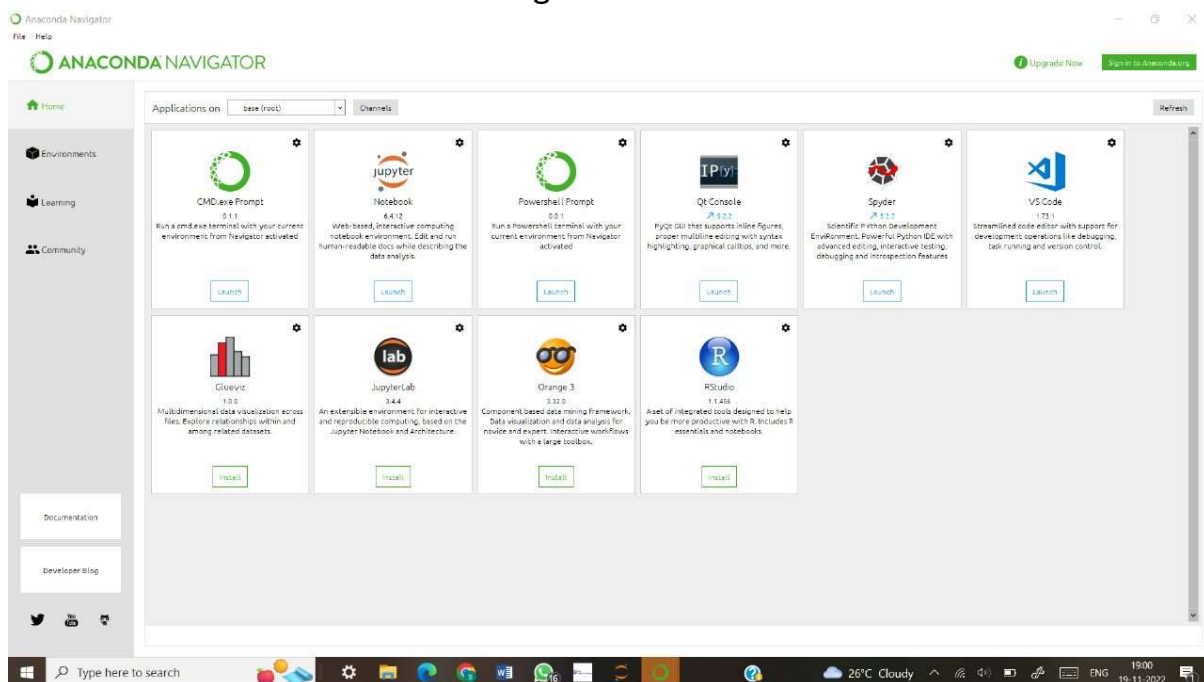
PRE-REQUISITES

TEAM ID: PNT2022TMID12773

PROJECT TITLE: Detecting Parkinson's Disease using Machine Learning

The following actions were performed by all four students in the team:

- Downloaded Anaconda Navigator



- Installed numpy

```
C:\Users\vivekananda Sharma L>pip install numpy
Requirement already satisfied: numpy in d:\python\lib\site-packages (1.22.0)
```

- Installed scikit-learn

```
C:\Users\vivekananda Sharma L>pip install scikit-learn
Requirement already satisfied: scikit-learn in d:\python\lib\site-packages (1.1.2)
Requirement already satisfied: numpy>=1.17.3 in d:\python\lib\site-packages (from scikit-learn) (1.22.0)
Requirement already satisfied: threadpoolctl>=2.0.0 in d:\python\lib\site-packages (from scikit-learn) (3.1.0)
Requirement already satisfied: scipy>=1.3.2 in d:\python\lib\site-packages (from scikit-learn) (1.8.0)
Requirement already satisfied: joblib>=1.0.0 in d:\python\lib\site-packages (from scikit-learn) (1.2.0)
```

- Installed scikit-image

```
C:\Users\vivekananda Sharma L>pip install scikit-image
Collecting scikit-image
  Using cached scikit_image-0.19.3-cp310-cp310-win_amd64.whl (12.0 MB)
Collecting PyWavelets>=1.1.1
  Using cached PyWavelets-1.4.1-cp310-cp310-win_amd64.whl (4.2 MB)
Requirement already satisfied: pillow!=7.1.0,!=7.1.1,!=8.3.0,>=6.1.0 in d:\python\lib\site-packages (from scikit-image) (9.0.1)
Requirement already satisfied: packaging>=20.0 in d:\python\lib\site-packages (from scikit-image) (21.3)
Collecting imageio>=2.4.1
  Using cached imageio-2.22.4-py3-none-any.whl (3.4 MB)
Requirement already satisfied: scipy>=1.4.1 in d:\python\lib\site-packages (from scikit-image) (1.8.0)
Collecting tifffile>=2019.7.26
  Using cached tifffile-2022.10.10-py3-none-any.whl (210 kB)
Collecting networkx>=2.2
  Using cached networkx-2.8.8-py3-none-any.whl (2.0 MB)
Requirement already satisfied: numpy>=1.17.0 in d:\python\lib\site-packages (from scikit-image) (1.22.0)
Requirement already satisfied: pyparsing!=3.0.5,>=2.0.2 in d:\python\lib\site-packages (from packaging>=20.0->scikit-image) (3.0.7)
Installing collected packages: tifffile, PyWavelets, networkx, imageio, scikit-image
Successfully installed PyWavelets-1.4.1 imageio-2.22.4 networkx-2.8.8 scikit-image-0.19.3 tifffile-2022.10.10
```

- Installed imutils

```
C:\Users\vivekananda Sharma L>pip install imutils
Collecting imutils
  Downloading imutils-0.5.4.tar.gz (17 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: imutils
  Building wheel for imutils (setup.py) ... done
  Created wheel for imutils: filename=imutils-0.5.4-py3-none-any.whl size=25858 sha256=120f520579907b8eb7c937489e0fc7e566b74685ff9237127400b9d627475020
  Stored in directory: c:\users\vivekananda sharma l\appdata\local\pip\cache\wheels\85\cf\3a\e265e975a1e7c7e54eb3692d6aa4e2e7d6a3945d29da46f2d7
Successfully built imutils
Installing collected packages: imutils
Successfully installed imutils-0.5.4
```

- Installed opencv-contrib-python

```
C:\Users\vivekananda Sharma L>pip install opencv-contrib-python
Collecting opencv-contrib-python
  Downloading opencv_contrib_python-4.6.0.66-cp36-abi3-win_amd64.whl (42.5 MB)
  ----- 42.5/42.5 MB 404.2 kB/s eta 0:00:00
Requirement already satisfied: numpy>=1.19.3 in d:\python\lib\site-packages (from opencv-contrib-python) (1.22.0)
Installing collected packages: opencv-contrib-python
Successfully installed opencv-contrib-python-4.6.0.66
```

- Installed Flask

```
C:\Users\vivekananda Sharma L>pip install Flask
Collecting Flask
  Using cached Flask-2.2.2-py3-none-any.whl (101 kB)
Requirement already satisfied: Jinja2>=3.0 in d:\python\lib\site-packages (from Flask) (3.1.2)
Collecting itsdangerous>=2.0
  Using cached itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Using cached click-8.1.3-py3-none-any.whl (96 kB)
Requirement already satisfied: Werkzeug>=2.2.2 in d:\python\lib\site-packages (from Flask) (2.2.2)
Requirement already satisfied: colorama in d:\python\lib\site-packages (from click>=8.0->Flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in d:\python\lib\site-packages (from Jinja2>=3.0->Flask) (2.1.1)
Installing collected packages: itsdangerous, click, Flask
Successfully installed Flask-2.2.2 click-8.1.3 itsdangerous-2.1.2
```
