

Pre-Requisites

Date	04 November 2022
Team ID	PNT2022TMID36075
Project Name	Exploratory Analysis of Rain Fall Data in India for Agriculture
Maximum Marks	8 Marks

STEP 1 : Install Python Package Using Anaconda Prompt

- Pip install sklearn

```

Anaconda Prompt (anaconda3)

(base) C:\Users\umame>pip install sklearn
Collecting sklearn
  Downloading sklearn-0.0.post1.tar.gz (3.6 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: sklearn
  Building wheel for sklearn (setup.py) ... done
  Created wheel for sklearn: filename=sklearn-0.0.post1-py3-none-any.whl size=2936 sha256=85cbe80afc062c839ff11a59bcc8d1b2f7471cdaac1208233ee1726e7b50ea4d
  Stored in directory: c:\users\umame\appdata\local\pip\cache\wheels\f8\e0\3d\9d0c2020c44a519b9f02ab4fa6d2a4a996c98d79ab2f569fa1
Successfully built sklearn
Installing collected packages: sklearn
Successfully installed sklearn-0.0.post1

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

STEP 2 : To Next Install

- pip install numpy
- pip install pandas

```

Anaconda Prompt (anaconda3)

(base) C:\Users\umame>pip install sklearn
Collecting sklearn
  Downloading sklearn-0.0.post1.tar.gz (3.6 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: sklearn
  Building wheel for sklearn (setup.py) ... done
  Created wheel for sklearn: filename=sklearn-0.0.post1-py3-none-any.whl size=2936 sha256=85cbe80afc062c839ff11a59bcc8d1b2f7471cdaac1208233ee1726e7b50ea4d
  Stored in directory: c:\users\umame\appdata\local\pip\cache\wheels\f8\e0\3d\9d0c2020c44a519b9f02ab4fa6d2a4a996c98d79ab2f569fa1
Successfully built sklearn
Installing collected packages: sklearn
Successfully installed sklearn-0.0.post1

(base) C:\Users\umame>pip install numpy
Requirement already satisfied: numpy in e:\anaconda3\lib\site-packages (1.21.5)

(base) C:\Users\umame>pip install pandas
Requirement already satisfied: pandas in e:\anaconda3\lib\site-packages (1.4.4)
Requirement already satisfied: numpy>=1.18.5 in e:\anaconda3\lib\site-packages (from pandas) (1.21.5)
Requirement already satisfied: pytz>=2020.1 in e:\anaconda3\lib\site-packages (from pandas) (2022.1)
Requirement already satisfied: python-dateutil>=2.8.1 in e:\anaconda3\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: six>=1.5 in e:\anaconda3\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)

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

STEP 3 : Install All packages

- pip install numpy
- pip install pandas
- pip install scikit-learn
- pip install matplotlib
- pip install scipy
- pip install pickle-mixin
- pip install seaborn
- pip install Flask

```
Anaconda Prompt (anaconda3)
Requirement already satisfied: pytz>=2020.1 in e:\anaconda3\lib\site-packages (from pandas) (2022.1)
Requirement already satisfied: python-dateutil>=2.8.1 in e:\anaconda3\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: six>=1.5 in e:\anaconda3\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)

(base) C:\Users\umame>pip install matplotlib
Requirement already satisfied: matplotlib in e:\anaconda3\lib\site-packages (3.5.2)
Requirement already satisfied: python-dateutil>=2.7 in e:\anaconda3\lib\site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: numpy>=1.17 in e:\anaconda3\lib\site-packages (from matplotlib) (1.21.5)
Requirement already satisfied: kiwisolver>=1.0.1 in e:\anaconda3\lib\site-packages (from matplotlib) (1.4.2)
Requirement already satisfied: packaging>=20.0 in e:\anaconda3\lib\site-packages (from matplotlib) (21.3)
Requirement already satisfied: pillow>=6.2.0 in e:\anaconda3\lib\site-packages (from matplotlib) (9.2.0)
Requirement already satisfied: fonttools>=4.22.0 in e:\anaconda3\lib\site-packages (from matplotlib) (4.25.0)
Requirement already satisfied: pyparsing>=2.2.1 in e:\anaconda3\lib\site-packages (from matplotlib) (3.0.9)
Requirement already satisfied: cycler>=0.10 in e:\anaconda3\lib\site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: six>=1.5 in e:\anaconda3\lib\site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)

(base) C:\Users\umame>pip install scikit-learn
Requirement already satisfied: scikit-learn in e:\anaconda3\lib\site-packages (1.0.2)
Requirement already satisfied: numpy>=1.14.6 in e:\anaconda3\lib\site-packages (from scikit-learn) (1.21.5)
Requirement already satisfied: threadpoolctl>=2.0.0 in e:\anaconda3\lib\site-packages (from scikit-learn) (2.2.0)
Requirement already satisfied: joblib>=0.11 in e:\anaconda3\lib\site-packages (from scikit-learn) (1.1.0)
Requirement already satisfied: scipy>=1.1.0 in e:\anaconda3\lib\site-packages (from scikit-learn) (1.9.1)

(base) C:\Users\umame>pip install scipy
'pip' is not recognized as an internal or external command,
operable program or batch file.

(base) C:\Users\umame>pip install scipy
Requirement already satisfied: scipy in e:\anaconda3\lib\site-packages (1.9.1)
Requirement already satisfied: numpy<1.25.0,>=1.18.5 in e:\anaconda3\lib\site-packages (from scipy) (1.21.5)

(base) C:\Users\umame>pip install pickle-mixin
Collecting pickle-mixin
  Downloading pickle-mixin-1.0.2.tar.gz (5.1 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: pickle-mixin
  Building wheel for pickle-mixin (setup.py) ... done
  Created wheel for pickle-mixin: filename=pickle-mixin-1.0.2-py3-none-any.whl size=5991 sha256=60da8a993811a16476318ac91e97bc18bb630ee09a0f8ec9ecfc3103eca08ca
  Stored in directory: c:\users\umame\appdata\local\pip\cache\wheels\58\c6\8b\061bd4edc8cea2b235758c3e50473d08499236fbfdd21e6b3
Successfully built pickle-mixin
Installing collected packages: pickle-mixin
Successfully installed pickle-mixin-1.0.2
```

```
Anaconda Prompt (anaconda3)

(base) C:\Users\umame>pip install scipy
Requirement already satisfied: scipy in e:\anaconda3\lib\site-packages (1.9.1)
Requirement already satisfied: numpy<1.25.0,>=1.18.5 in e:\anaconda3\lib\site-packages (from scipy) (1.21.5)

(base) C:\Users\umame>pip install pickle-mixin
Collecting pickle-mixin
  Downloading pickle-mixin-1.0.2.tar.gz (5.1 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: pickle-mixin
  Building wheel for pickle-mixin (setup.py) ... done
  Created wheel for pickle-mixin: filename=pickle-mixin-1.0.2-py3-none-any.whl size=5991 sha256=60da8a993811a16476318ac91e97bc18bb630ee09a0f8ec9ecfc3103eca08ca
  Stored in directory: c:\users\umame\appdata\local\pip\cache\wheels\58\c6\8b\061bd4edc8cea2b235758c3e50473d08499236fbfdd21e6b3
Successfully built pickle-mixin
Installing collected packages: pickle-mixin
Successfully installed pickle-mixin-1.0.2

(base) C:\Users\umame>pip install seaborn
Requirement already satisfied: seaborn in e:\anaconda3\lib\site-packages (0.11.2)
Requirement already satisfied: numpy>=1.15 in e:\anaconda3\lib\site-packages (from seaborn) (1.21.5)
Requirement already satisfied: pandas>=0.23 in e:\anaconda3\lib\site-packages (from seaborn) (1.4.4)
Requirement already satisfied: matplotlib>=2.2 in e:\anaconda3\lib\site-packages (from seaborn) (3.5.2)
Requirement already satisfied: scipy>=1.0 in e:\anaconda3\lib\site-packages (from seaborn) (1.9.1)
Requirement already satisfied: pillow>=6.2.0 in e:\anaconda3\lib\site-packages (from matplotlib>=2.2->seaborn) (9.2.0)
Requirement already satisfied: cycler>=0.10 in e:\anaconda3\lib\site-packages (from matplotlib>=2.2->seaborn) (0.11.0)
Requirement already satisfied: packaging>=20.0 in e:\anaconda3\lib\site-packages (from matplotlib>=2.2->seaborn) (21.3)
Requirement already satisfied: fonttools>=4.22.0 in e:\anaconda3\lib\site-packages (from matplotlib>=2.2->seaborn) (4.25.0)
Requirement already satisfied: kiwisolver>=1.0.1 in e:\anaconda3\lib\site-packages (from matplotlib>=2.2->seaborn) (1.4.2)
Requirement already satisfied: pyparsing>=2.2.1 in e:\anaconda3\lib\site-packages (from matplotlib>=2.2->seaborn) (3.0.9)
Requirement already satisfied: python-dateutil>=2.7 in e:\anaconda3\lib\site-packages (from matplotlib>=2.2->seaborn) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in e:\anaconda3\lib\site-packages (from pandas>=0.23->seaborn) (2022.1)
Requirement already satisfied: six>=1.5 in e:\anaconda3\lib\site-packages (from python-dateutil>=2.7->matplotlib>=2.2->seaborn) (1.16.0)

(base) C:\Users\umame>pip install Flask
Requirement already satisfied: Flask in e:\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: Jinja2>=2.10.1 in e:\anaconda3\lib\site-packages (from Flask) (2.11.3)
Requirement already satisfied: itsdangerous>=0.24 in e:\anaconda3\lib\site-packages (from Flask) (2.0.1)
Requirement already satisfied: Werkzeug>=0.15 in e:\anaconda3\lib\site-packages (from Flask) (2.0.3)
Requirement already satisfied: click>=5.1 in e:\anaconda3\lib\site-packages (from Flask) (8.0.4)
Requirement already satisfied: colorama in e:\anaconda3\lib\site-packages (from click>=5.1->Flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=0.23 in e:\anaconda3\lib\site-packages (from Jinja2>=2.10.1->Flask) (2.0.1)

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

STEP 4 : Install Successfully