

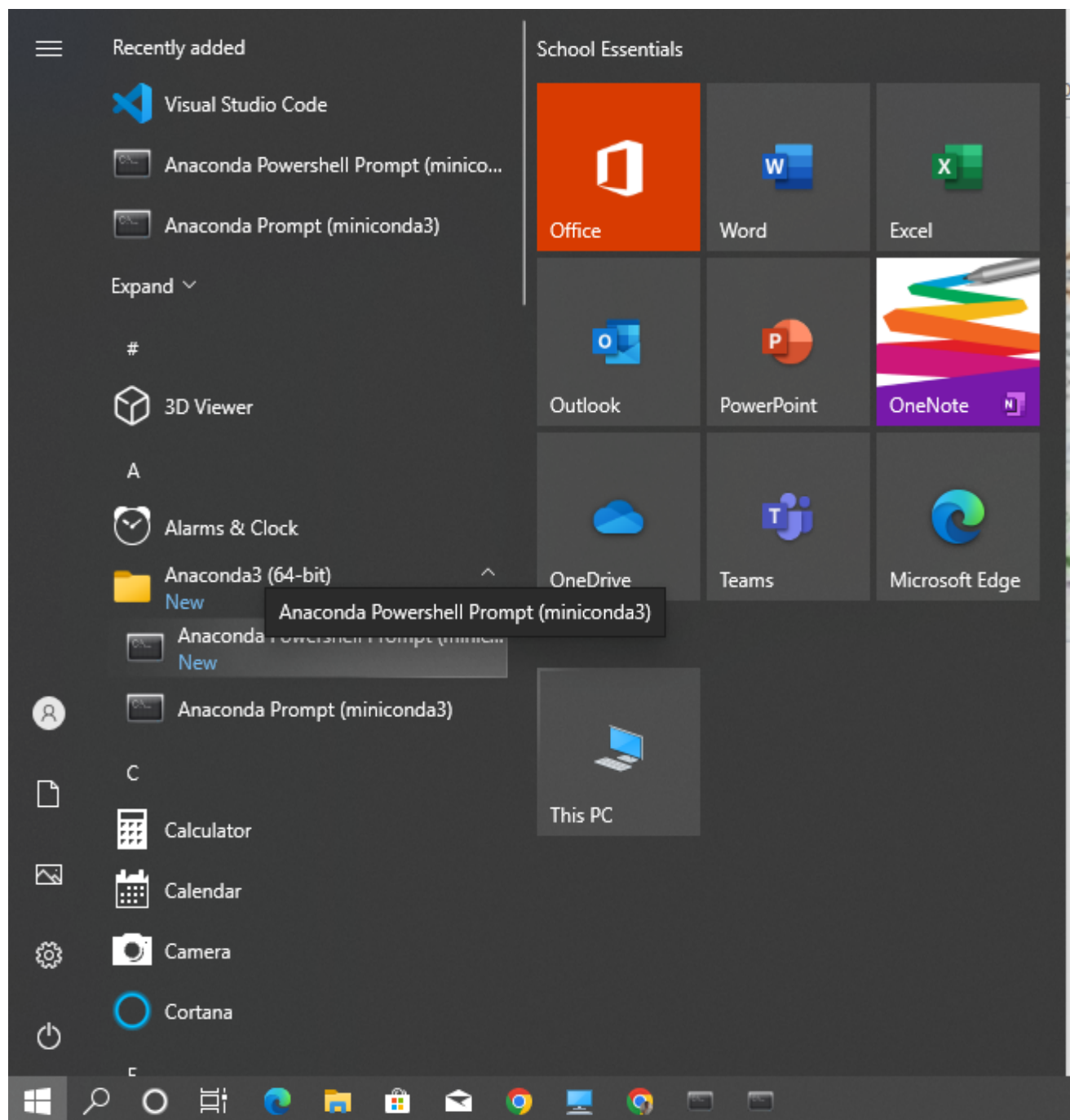
Pre-Requisites

Exploratory Analysis Of RainFall Data In India For Agriculture

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1.Anaconda Navigator





2.Jupyter:

The screenshot shows the JupyterLab interface with the 'Files' tab selected. The file browser displays the contents of the 'Desktop / IBM Project' directory. The files and folders listed are:

Name	Last Modified	File size
..	seconds ago	
11111.ipynb	2 days ago	310 kB
Analysis The Data.ipynb	18 hours ago	16.6 kB
Data Visualization.ipynb	10 hours ago	1.64 MB
Feature Scaling.ipynb	10 hours ago	1.63 MB
Handling missing data.ipynb	18 hours ago	92.9 kB
Importing the Dataset.ipynb	18 hours ago	5.64 kB
Importing the libraries.ipynb	18 hours ago	1.1 kB
splitting x and y values.ipynb	10 hours ago	1.63 MB
austin_weather.csv	2 days ago	106 kB
Rainfall weather.csv	2 days ago	14.2 MB

3. Python Packages:

The screenshot shows a Jupyter Notebook titled 'Data Pre-processing'. The notebook contains the following sections and code:

Data Pre-processing

Importing the libraries

```
In [1]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
from sklearn.preprocessing import StandardScaler
from sklearn.model_selection import train_test_split
from sklearn.linear_model import LinearRegression

import warnings
warnings.filterwarnings('ignore')
```

Importing the cvs file.

```
In [2]: data = pd.read_csv("Rainfall weather.csv")
```

Analysis The Data

- Numpy
- Pandas
- Seaborn

- Matplotlib
- Pickle
- Scikit-learn
- Sklearn
- Flask