



# Beginner's Installation Guide

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## Installation :

### Required Softwares :-

- Python (version 3.8+) <https://www.python.org/downloads/>
- pip (version 20.0.0+) <https://www.geeksforgeeks.org/how-to-install-pip-on-windows/#:~:text=Download%20and%20Install%20pip%3A&text=Download%20the%20get-pip.py%20file%20where%20the%20above%20file%20exists.&text=and%20wait%20through%20the%20installation%2C%20now%20installed%20on%20your%20system.>
- jupyter notebook or jupyter lab <https://jupyter.org/install>

- Visual Studio Code (not necessary but recommended)  
<https://code.visualstudio.com/download>

## Required Libraries :-

Numpy →

```
$ pip install numpy
```

Scipy →

```
$ pip install scipy
```

Matplotlib →

```
$ pip install matplotlib
```

Sklearn →

```
$ pip install scikit-learn
```

Seaborn →

```
$ pip install seaborn
```

Mglearn →

```
$ pip install mglearn
```

Jupyter Lab →

```
$ pip install jupyterlab  
$ jupyter-lab // To run the lab
```

Jupyter Notebook →

```
pip install notebook  
$ jupyter notebook // To run the notebook
```