Assuming you already have version 3 of Python installed:

Install PySerial

PySerial is a Python API module which is used to read and write serial data to Arduino and many other Microcontroller boards. To install PySerial on Windows, simply visit PySerial's Download Page and following the steps bellow:

1. Open Command prompt window and type:

    pip install pyserial

2. Within a python script you Install it with an import statement. You should insure that Pyserial installed correctly, To check this you can open the Python IDLE and in the console type:

    import serial

If you do not get an error, it means you installed it correctly, else you should check your installation.

Install an official Matplotlib release (often includes numpy)

Matplotlib releases are available as wheel packages for macOS, Windows and Linux on PyPI. Install it using pip:

    python -m pip install -U pip

    python -m pip install -U matplotlib

If this command results in Matplotlib being compiled from source and if there's trouble with the compilation, you can add --prefer-binary to select the newest version of Matplotlib for which there is a precompiled wheel for your OS and Python.

Installing NumPy

The only prerequisite for installing NumPy is Python itself.

Using PIP

If you use pip, you can install NumPy with:

    pip install numpy