

Plotting with Python 3 in on the Mac or PC using IDLE

Install Python 3.10 by downloading it from python.org

Check that pip is installed

- 1 `pip` by itself will give you a list of commands
- 2 `pip list` Will give you a list of Libs

Update pip if needed

- 1 `python -m pip install --upgrade pip`

Install libraries that are need for plotting

- 1 `python -m pip install numpy`
- 2 `python -m pip install scipy`
- 3 `python -m pip install matplotlib`

or

- 1 `pip install numpy`
- 2 `pip install scipy`
- 3 `pip install matplotlib`

Now open IDLE

Select File

Select Save As

Name you Python Program

Navigate to where you would like to save your python3 Applications

Insert code

```
import scipy as sci
import matplotlib.pyplot as sq
t = sci.linspace(0, 1, 100)
sq.plot(t, t**2)
sq.show()
```