

Plotting with Python 3.7 in Windows 10

Install Python 3.7 by downloading it from python.org

Install python support for visual studio without python 3.6

Open Visual Studio and open the view for Python Environment

Click on where you would open the Python directory with PowerShell

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 visual studio

Select New Project

Select Python

Select Python Application

Name your Python Application

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()
```