Anaconda Python is a very convenient set of major scientific packages, compiled for 64-bit Windows!

Install:

0. Download the Anaconda Python version 3.6.1 (“Anaconda3-4.4.0-Windows-x86_64”), for 64-bit Windows, from here:

    https://www.continuum.io/downloads

1. Install Python by running the above executable, and choose “C:\Anaconda3” as the install directory.

Must run the following updates, immediately after installation!

Launch DOS command prompt as Administrator, then run:

2. C:\conda update conda
3. C:\conda update numpy
4. C:\conda update scipy
5. C:\conda update matplotlib
6. C:\conda update ipython

Install additional scientific module:

7. C:\conda install -c conda-forge scikit-rf

Install parallel GPU computing tools:

8. C:\conda install cudatoolkit
9. C:\conda install numba

Install additional tools:

10. C:\conda install more-itertools

Complete installation by updating conda one more time:

11. C:\conda update conda

Demo:

Launch IPython:

C:\Anaconda3\scripts\jupyter notebook

To get inline plots in a notebook, execute the following line in that notebook:

```python
%matplotlib inline
```

Execute the following example code:

```python
import matplotlib.pyplot as plt
import numpy as np
x = np.linspace(0, 3*np.pi, 500)
```
plt.plot(x, np.sin(x**2))
plt.title('A simple chirp');

The above code should produce an inline plot!

Info on running IPython, in inline mode:
http://nbviewer.ipython.org/github/ipython/ipython/blob/1.x/examples/notebooks/Part%20-%20Plotting%20with%20Matplotlib.ipynb

http://www.youtube.com/watch?v=H6dLQGw9yFQ#t=181

Here is a list of packages in Anaconda, under documentation:
http://docs.continuum.io/anaconda/pkg-docs.html