

## Matplotlib 2.2.3, Numpy 1.15.1, pandas 0.23.4

Chapter number	Software required (With version)	Free/ Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Matplotlib 2.2.3 NumPy 1.15.1 pandas 0.23.4	Free	NA	NA	<a href="https://matplotlib.org/users/installing.html">https://matplotlib.org/users/installing.html</a> <a href="https://docs.scipy.org/doc/numpy-1.15.1/user/install.html">https://docs.scipy.org/doc/numpy-1.15.1/user/install.html</a> <a href="https://pandas.pydata.org/pandas-docs/stable/install.html">https://pandas.pydata.org/pandas-docs/stable/install.html</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
2	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4 fix_yahoo_finance 0.0.22	Free	NA	NA	<a href="https://pypi.org/project/fix-yahoo-finance/">https://pypi.org/project/fix-yahoo-finance/</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
3	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4 basic_units	Free	NA	NA	<a href="https://github.com/matplotlib/matplotlib/blob/master/examples/units/basic_units.py">https://github.com/matplotlib/matplotlib/blob/master/examples/units/basic_units.py</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
4	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4	Free	NA	NA	Same as above	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
5	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4 IPython 6.5.0	Free	NA	NA	<a href="https://ipython.org/install.html">https://ipython.org/install.html</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
6	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4 IPython 6.5.0 cyclor 0.10.0 scipy 1.1.0 geopandas 0.3.0	Free	NA	NA	<a href="https://pypi.org/project/Cyclor/">https://pypi.org/project/Cyclor/</a> <a href="https://www.scipy.org/install.html">https://www.scipy.org/install.html</a> <a href="http://geopandas.org/install.html">http://geopandas.org/install.html</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
7	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4 scipy 1.1.0	Free	NA	NA	Same as above	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
8	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4	Free	NA	NA	Same as above	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
9	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4 FFmpeg 4.0.2	Free	NA	NA	<a href="https://www.ffmpeg.org/download.html">https://www.ffmpeg.org/download.html</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10

10	Matplotlib 2.2.3 Numpy 1.15.1 TKinter 8.6.8 WxPython 4.0.3 Qt5 5.9.2	Free	NA	NA	Packaged with Matplotlib	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
11	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4	Free	NA	NA	Same as above	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
12	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4	Free	NA	NA	Same as above	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
13	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4	Free	NA	NA	Same as above	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
14	Matplotlib 2.2.3 Numpy 1.15.1 cartopy 0.16.0 geopandas 0.3.0 netCDF4 1.3.1	Free	NA	NA	<a href="https://scitools.org.uk/cartopy/docs/v0.16/installing.html">https://scitools.org.uk/cartopy/docs/v0.16/installing.html</a> <a href="https://pypi.org/project/netCDF4/">https://pypi.org/project/netCDF4/</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10
15	Matplotlib 2.2.3 Numpy 1.15.1 pandas 0.23.4 seaborn 0.9.0 scipy 1.1.0	Free	NA	NA	<a href="https://seaborn.pydata.org/installing.html">https://seaborn.pydata.org/installing.html</a>	Standard Desktop/Laptop with 8 GB RAM, 250GB HDD	Windows 10