

Quick start

import numpy as np

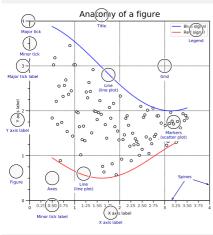
import matplotlib as mpl import matplotlib.pyplot as plt

X = np.linspace(0, 2*np.pi, 100)Y = np.cos(X)

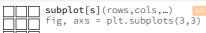
fig, ax = plt.subplots() ax.plot(X,Y,color='C1')

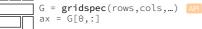
fig.savefig("figure.pdf") fig.show()

Anatomy of a figure



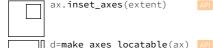
Subplots layout







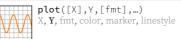
ax=d.new_horizontal('10%')

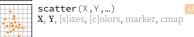


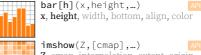
Getting help

- matplotlib.org
- github.com/matplotlib/matplotlib/issues
- O discourse.matplotlib.org
- ₩ gitter.im/matplotlib
- Matplotlib users mailing list

Basic plots

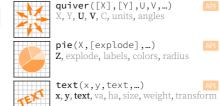








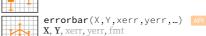






Advanced plots

	<pre>step(X,Y,[fmt],) X,Y,fmt, color, marker, where</pre>	A
_ + +	<pre>boxplot(X,)</pre>	A



X, notch, sym, bootstrap, widths











