

Plotting with Matplotlib

Matplotlib


- Most popular plotting library for Python
- Allows to control every aspect of a figure
- Was designed to have a similar look and feel to MatLab's graphical plotting

Installing Matplotlib

- Installing Matplotlib
 - with conda: `conda install matplotlib`
 - with PIP: `pip install matplotlib`

Matplotlib Documentation

- <https://matplotlib.org/tutorials/index.html>



Version 2.2.2

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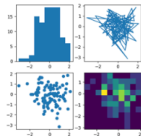
Tutorials ¶

This page contains more in-depth guides for using Matplotlib. It is broken up into beginner, intermediate, and advanced sections, as well as sections covering specific topics.

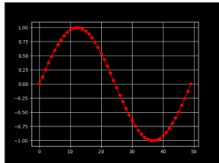
For shorter examples, see our [examples page](#). You can also find [external resources](#) and a [FAQ](#) in our [user guide](#).

Introductory

These tutorials cover the basics of creating visualizations with Matplotlib, as well as some best-practices in using the package effectively.



Sample plots in Matplotlib



Customizing matplotlib


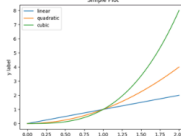
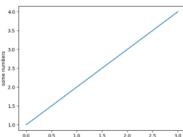



Image tutorial



Usage Guide



Pyplot tutorial



The lifecycle of a plot

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