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Matplotlib Library

Matplotlib is a Python library that allows you to create static, animated, and interactive visualizations. Matplotlib creates high-quality figures in a range of hardcopy and interactive formats across several platforms.

Matplotlib was created with the idea that you should be able to make simple plots with only a few, if not one, command! You should not have to construct objects, call methods, set properties, or do something else to see a histogram of your data; it should just function.

Matplotlib was used to generate a simple graph with x and y - axis, which was then saved as a png file on your local disk. I used the plt.plot () method to plot, and plt.title for the window title. I also heard from YouTube that you can save a picture with. savefig, so I went with plt.savefig ().

Many people use Matplotlib in a number of cases. Some people want to create PostScript files automatically to submit to printers or publishers. Others run Matplotlib on a web application server to create PNG images that can be embedded in dynamically generated web pages. On Windows, some people use Matplotlib interactively from the Python shell in Tkinter. My primary use was to just create a simple graph.