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MatPlotlib Turtorial

How to Save a Plot to an Image File

You can easily save a figure to, for example, a png file by making use of plt.savefig(). The only argument you need to pass to this function is the file name, just like in this example

# Save Figure

plt.savefig("foo.png")

# Save Transparent Figure

plt.savefig("foo.png", transparent=True)

How to Save a Plot to a Pdf File

If you want to save multiple plots to a pdf file, you want to make use of the pdf backend, which you can easily import:

# Import PdfPages

from matplotlib.backends.backend\_pdf import PdfPages

# Initialize the pdf file

pp = PdfPages('multipage.pdf')

# Save the figure to the file

pp.savefig()

# Close the file

pp.close()

How to Create a Pdf File from a Plot?

Use the pdf backend, which you can easily import, if you want to save multiple plots to a pdf file:

# Import PdfPages

from matplotlib.backends.backend\_pdf import PdfPages

# Initialize the pdf file

pp = PdfPages('multipage.pdf')

# Save the figure to the file

pp.savefig()

# Close the file

pp.close()