

Matplotlib 3.9.2 documentation

Matplotlib is a comprehensive library for creating static, animated, and interactive visualizations.

Install

pip

conda

other

```
pip install matplotlib
```

For more detailed instructions, see the [installation guide](#).

Learn

How to use Matplotlib?

[Quick start guide](#)

[User guide](#)

[Tutorials](#)

[Frequently Asked Questions](#)

What can Matplotlib do?

[Plot types](#)

[Examples](#)

Reference

[API reference](#)

[Figure methods](#)

[Plotting methods](#)

Top-level interfaces to create:

- figures: `pyplot.figure`
- subplots: `pyplot.subplots`, `pyplot.subplot_mosaic`

Community

[External resources](#)

[Books, chapters and articles](#)

[Videos](#)

[Tutorials](#)

[Galleries](#)

[🔗 Third-party packages,](#)

provide custom, domain specific, and experimental features, including styles, colors, more plot types and backends, and alternative interfaces.

What's new

Learn about new features and API changes.

[Release notes](#)

Contribute

Matplotlib is a community project maintained for and by its users.

There are many ways you can help!

[Contribute](#)

[New contributors](#)

[Development environment](#)

[Policies and guidelines](#)

About us

Matplotlib was created by neurobiologist John Hunter to work with EEG data. It grew to be used and developed by many people in many different fields. John's goal was that Matplotlib make easy things easy and hard things possible.

[Project information](#)

[Mission Statement](#)

[History](#)

[Code of Conduct](#)

[Citing Matplotlib](#)

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Built from v3.9.2-3-gd04b2f64fe.

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