

Why am I getting the error “No module named matplotlib” when trying to use the Fix function?

Authored by
stats writer

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RECOMMENDED CITATION

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The error "No module named matplotlib" occurs when attempting to use the Fix function because the necessary module, matplotlib, is not installed on the system. Matplotlib is a commonly used library in Python for creating graphs and visualizations. Without this module, the Fix function is unable to run properly. To resolve this error, the user must install the matplotlib module on their system.

Fix: No module named matplotlib

One common error you may encounter when using Python is:

no module named 'matplotlib'

This error occurs when Python does not detect the library in your current environment.

This tutorial shares the exact steps you can use to troubleshoot this error.

Step 1: pip install matplotlib

Since matplotlib doesn't come installed automatically with Python, you'll need to install it yourself. The easiest way to do so is by using pip, which is a package manager for Python.

You can run the following pip command to install matplotlib:

pip install matplotlib

In most cases, this will fix the error.

Step 2: Install pip

If you're still getting an error, you may need to install pip. Use to do so.

You can also use to upgrade pip to the latest version to ensure that it works.

You can then run the same pip command as earlier to install matplotlib:

```
pip install matplotlib
```

At this point, the error should be resolved.

Step 3: Check matplotlib and pip Versions

If you're still running into errors, you may be using a different version of matplotlib and pip.

```
which python
```

```
python --version
```

```
which pip
```

If the two versions don't match, you need to either install an older version of matplotlib or upgrade your Python version.

Step 4: Check matplotlib Version

Once you've successfully installed matplotlib, you can use the following command to display the matplotlib version in your environment:

```
pip show matplotlib
```

Name: matplotlib

Version: 3.1.3

Summary: Python plotting package

Home-page: <https://matplotlib.org>

Author: John D. Hunter, Michael Droettboom

Author-email:

License: PSF

Location: /srv/conda/envs/notebook/lib/python3.7/site-packages

Requires: cyclcr, numpy, kiwisolver, python-dateutil, pyparsing

Required-by: seaborn, scikit-image

Note: you may need to restart the kernel to use updated

packages.

Note: The easiest way to avoid errors with matplotlib and Python versions is to simply install , which is a toolkit that comes pre-installed with Python and matplotlib and is free to use.

Additional Resources

The following tutorials explain how to fix other common problems in Python:

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