

# Why am I getting the error “No module named numpy” when trying to use numpy?

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## RECOMMENDED CITATION

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The error "No module named numpy" occurs when the numpy module is not properly installed or cannot be found by the program. Numpy is a popular library for scientific computing in Python, providing a variety of mathematical functions and data structures. To resolve this error, make sure that numpy is installed correctly and can be located by the program.

## **Fix: No module named numpy**

**One common error you may encounter when using Python is:**

**Import error: no module named 'numpy'**

**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 numpy**

**Since NumPy 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 NumPy:**

**pip install numpy**

**For python 3 you can use:**

**pip3 install numpy**

**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 NumPy:**

**pip install numpy**

**At this point, the error should be resolved.**

**Step 3: Check NumPy Version**

**Once you've successfully installed NumPy, you can use the following command to display the NumPy version in**

**your environment:**

**pip show numpy**

**Name: numpy**

**Version: 1.20.3**

**Summary: NumPy is the fundamental package for array computing with Python.**

**Home-page: <https://www.numpy.org>**

**Author: Travis E. Oliphant et al.**

**Author-email: None**

**License: BSD**

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

**Requires:**

**Required-by: tensorflow, tensorflow-estimator, tensorboard, statsmodels, seaborn, scipy, scikit-learn, PyWavelets, patsy, pandas, matplotlib, Keras-Preprocessing,**

**Keras-Applications, imageio, h5py, bqplot, bokeh, altair**

**Note: you may need to restart the kernel to use updated packages.**

**The following tutorials explain how to fix other common**

## problems in Python:

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