

SciPy

Explore

**SciPy** is a free and open-source Python library used for scientific computing and technical computation. [It provides algorithms for optimization, integration, interpolation, eigenvalue problems, algebraic equations, differential equations, statistics, and more1](https://scipy.org/)[2](https://www.w3schools.com/python/scipy/scipy_intro.php)[3](https://docs.scipy.org/doc//scipy/tutorial/index.html)[4](https://en.wikipedia.org/wiki/SciPy).

Here are **five free resources** where you can learn more about SciPy:

1. [**SciPy Official Website**](https://scipy.org/): The official SciPy website offers documentation, tutorials, and examples to get you started with this powerful library[1](https://scipy.org/).
2. [**W3Schools SciPy Tutorial**](https://www.w3schools.com/python/scipy/index.php): W3Schools provides a basic tutorial on SciPy, covering topics like optimization, stats, and signal processing[2](https://www.w3schools.com/python/scipy/scipy_intro.php).
3. [**Scipy Lecture Notes**](https://scipy-lectures.org/intro/): These lecture notes offer a comprehensive introduction to using Python for scientific purposes, including numerical computing and plotting[5](https://scipy-lectures.org/intro/).
4. [**Great Learning Free SciPy Courses**](https://www.mygreatlearning.com/scipy/free-courses): Great Learning offers free SciPy courses online, allowing you to earn a certificate upon successful completion[6](https://www.mygreatlearning.com/scipy/free-courses).
5. [**SciPy User Guide**](https://docs.scipy.org/doc//scipy/tutorial/index.html): The official user guide provides detailed information on using SciPy, including manipulating and visualizing data[3](https://docs.scipy.org/doc//scipy/tutorial/index.html).

Happy learning! 🚀🐍