

Doing Math with Python

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About me

Software Engineer at Freelancer.com in Sydney, Australia

Author of “Doing Math with Python”

Writes for Linux Magazines (Linux Voice, Linux Journal)

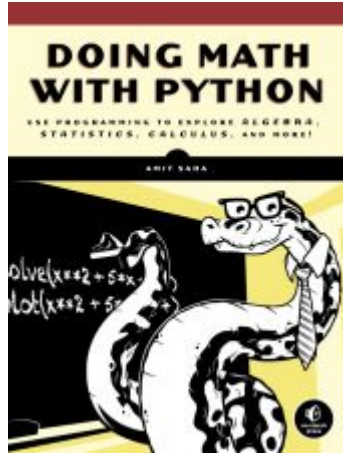
Contributor to SymPy, CPython, creator/maintainer of [Fedora Scientific](#)

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Slides, (Rough) Transcript and Materials

<https://github.com/doingmathwithpython/oreilly-webcast-2016>



Doing Math with Python

Use Programming to Explore Algebra, Statistics, Calculus, and More!

Why “Math with Python”?

*More interactive and enriching teaching
learning experience*

How?

Tools: Python 3, SymPy, matplotlib

Python as a ..

#1. Scientific Calculator

math, statistics, others

#2. Really Awesome Calculator

SymPy, matplotlib

#3. More than smart calculators

*Interactive notebooks, Animations,
Fractals*

Great base for the future

Data Science, Machine Learning

Learn more

[Book Website](#)

[PyCon US 2016 Education Summit slides](#)

[Book resources](#) on GitHub

How others are finding the book useful [Book Reviews](#)