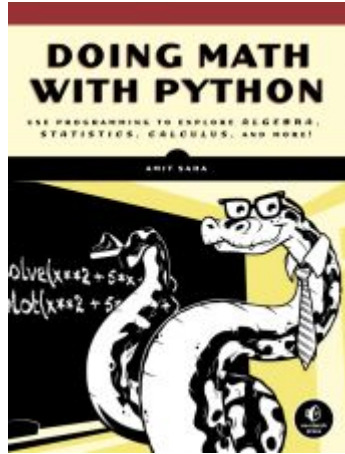


Hello and Thank You!

Doing Math with Python

Amit Saha
@echorand



Doing Math with Python

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

About me

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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Blog: <http://echorand.me>

Slides and Materials

<https://github.com/doingmathwithpython/pycon-au-2016>

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

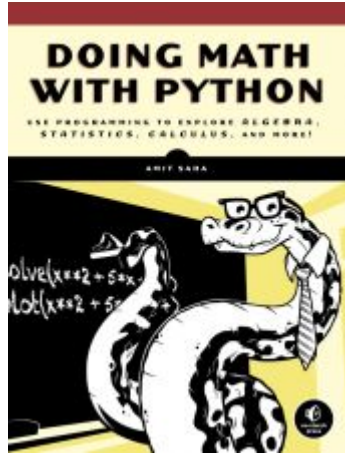
SymPy, matplotlib

#3. More than smart calculators

*Interactive notebooks, Animations,
Fractals*

Great base for the future

Data Science, Machine Learning



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That's all, thank you.

Questions?

@mathwithpython

doingmathwithpython.github.io