

Stand Back!

Building a scientific
computing lab on
public clouds with
Python

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Developer Advocate

You're just a developer
advocate



Citizen Science!



**Science data analysis is
hardware intensive.**



CLOUDS GALORE



Understanding Cloud Infrastructure



All of the options



The Abstract Version



The hardest part? Making a decision



PUBLIC DATASETS



US Government Datasets



OTHER TOOLS



Pandas, Matplotlib, Numpy, and more



LET'S CODE

*And have some fun while
we're at it.*



So, there's something
famous about March 25
in Austin, TX...



PART 1: INFRA AND SCIENCE



Lab 1

Standing up our first infrastructure



TAKE A BREAK



Lab 2

Running an application



PART 2: CLOUD HOPPING



Lab 3

Hopping to another cloud



Big thank you to JJ for
sticking around to be my
TA today!



Go do science!

(Thanks)

Please let me know what you thought of the workshop!

<https://linktr.ee/nimbinatus>

<https://pulum.com/nimbinatus>

