

Learn Data Science in Python



STEP 0

Before beginning you should have the answers for :

- Why should I learn Python?
- How would Python be useful?



Set up your Machine
- Download and Install Anaconda





STEP 2

Get a grip on basics of Python

- Begin with Codecademy.
- Properly understand Lists, Tuples, Dictionaries, List comprehensions, Dictionary comprehensions.
- Start solving Python assignments

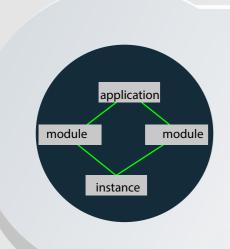


----- Beginner Level Completed -----

STEP 3

Master the use of regular expressions in Python
-Take google class on Python
-Do 'baby names' excercise
- Understand about Text Mining





STEP 4

Gain mastery on Scientific Libraries in Python

- NumPy, SciPy, Matplotlib, Pandas.
- Focus on NumPy ArraysGo through tutorials of N
- Go through tutorials of NumPy, SciPy, Pandas

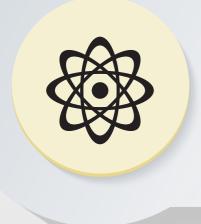
STEP 5

- Harvard's tutorial on DV
- Practice Assignment





----- Intermediate Level Completed -----



Time to conquer SciKit Learn and Machine Learning

STEP 6

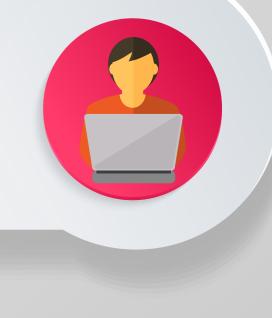
Refer to Harvard's CS109 courseMachine Learning course by Andrew Ng

- Machine Learning course by And- Practice Assignments
- I factice Assignments

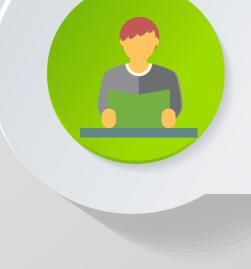


STEP 7 Practice makes a man perfect

- Practice the above steps religiously







- Course by Geoff Hinton

STEP 8

Dive deep into Deep Learning



Expert Level Completed -----

http://bit.ly/1lznbcw

To view the complete learning path on Python, visit here: