



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?

STEP 1

Set up your Machine
- Download and Install Anaconda



STEP 2

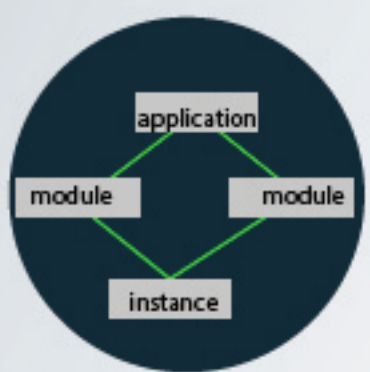
Get a grip on basics of Python
- Begin with Codecademy.
- Properly understand Lists, Tuples, Dictionaries, List comprehensions, Dictionary comprehensions.
- Start solving Python assignments



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

STEP 3

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

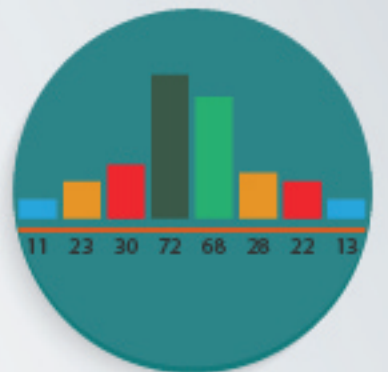


STEP 4

Gain mastery on Scientific Libraries in Python
- NumPy, SciPy, Matplotlib, Pandas.
- Focus on NumPy Arrays
- Go through tutorials of NumPy, SciPy, Pandas

STEP 5

Data Visualization in Python
- Harvard's tutorial on DV
- Practice Assignment



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



STEP 6

Time to conquer SciKit Learn and Machine Learning
- Refer to Harvard's CS109 course
- Machine Learning course by Andrew Ng
- Practice Assignments



STEP 7

Practice makes a man perfect
- Practice the above steps religiously



----- Advanced Level Completed -----



STEP 8

Dive deep into Deep Learning
- Course by Geoff Hinton



----- Expert Level Completed -----

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

<http://bit.ly/1lznbcw>