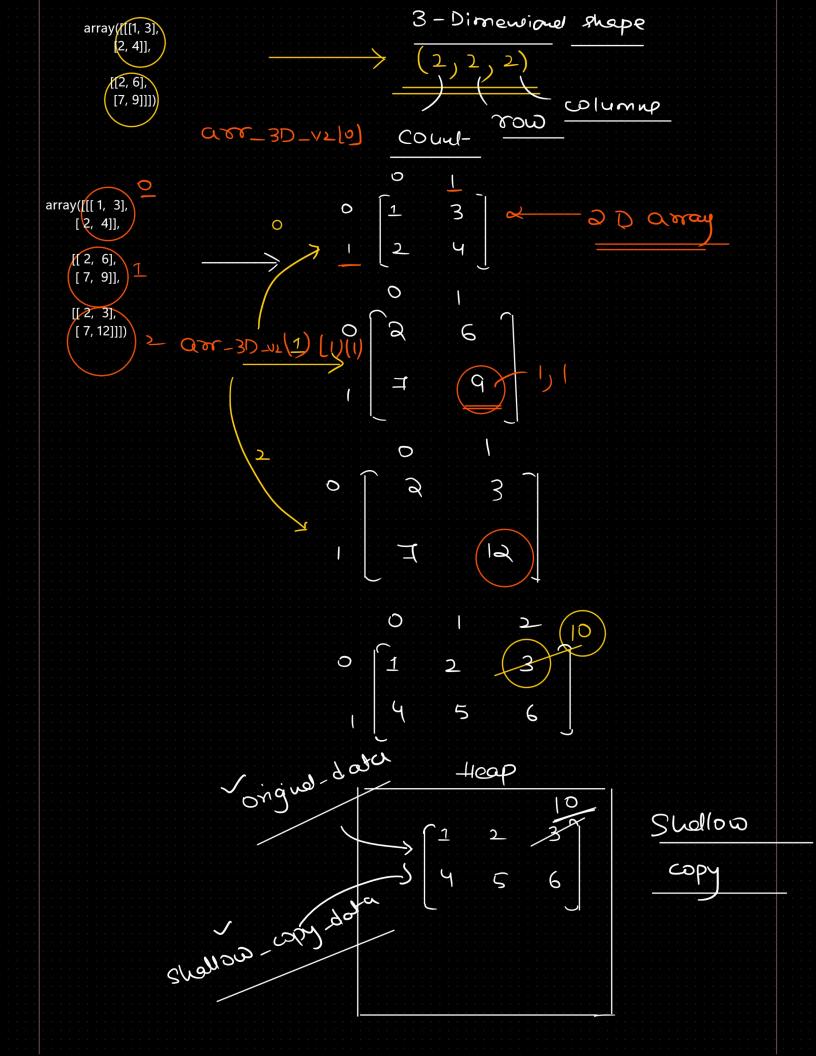
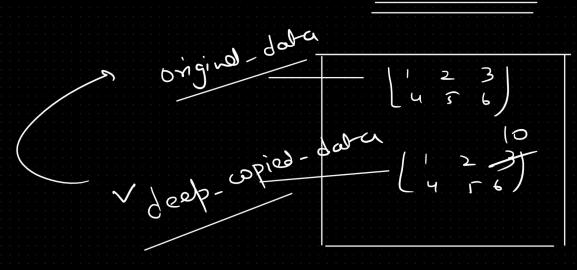
Numpy Package -> faster mathematical operation

NumPy is the <u>fundamental package</u> for scientific computing in Python. It is a Python library that provides a <u>multidimensional array object</u>, various derived objects (such as masked arrays and matrices), and an assortment of routines for fast operations on arrays, including mathematical, logical, shape <u>manipulation</u>, sorting, selecting, I/O, discrete Fourier transforms, basic linear algebra, <u>basic statistical operations</u>, random simulation and much more.



Deep copy

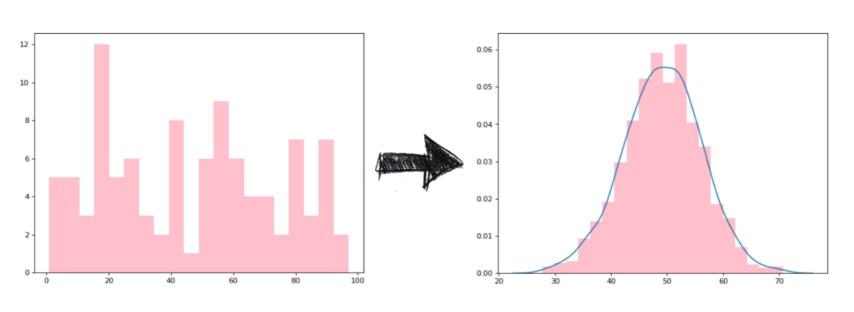




Central limit Theorem > Normal/Garaion Distribution PDF & Probability Donory fa)=)1 -(x-H)2 noitediverle found boroborate. Manadize in some specific range EDA , Nomalisa the value in some specific Z S CONQ Z = Di-M

CENTRAL LIMIT THEOREM

WHAT IS IT AND WHY IS IT USEFUL?



Doesin's mother wood is the distribution of Population Population Sample 230
Q. A Samey Says as Average runsber of hours
People sleep at night
Population -> 10,000 individuals
2 skerod
H=68 hours Made
v = 25 hours
Sample, naloo
Report these to enhise the Assumption
Report these to entries the Assumption Sample mean=6.7 2 M = 6.3
2 M = 6.3

Sample 10H = 6.8 h