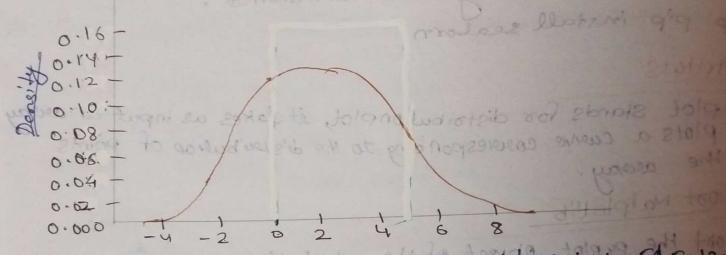
Plotting a Distplot without the Histogeram

import marplotlib. pyplot as plt
import Seaborn as sns
sns. dist plot ([0,1,2,3,4,5], hist = False)
Plt. Show()



to visualize sandom distoibutions.

Normal (Gaussian) Distribution 20 July 9 . delialation

The Normal Distribution is one of the most important distribution. It is also called the Gaussian Distribution after the Gaussian mathematician Carl Friedrich Gauss. It fits the probability distribution of many events eg. 18 scores, Heartheat etc.

Use the Handom Normal 1) method to get a Normal Dala Distribution. It has there parameters.

loc - (Mean) where the peak of the ball bell exists.

Scale- (Standard Deviation) how Flat the graph distribution

Size - The Shape of the setwined away.

eg. Generate a Handom normal distribution of size 2x3; From numpy import standom X = standom. normal (size = (2,3)) Paint (x) Output reached of Long to [[0.45621732-0.984860598 0.91850642] [-0.30662985 0-2857098 1.17587079]] bient Generate a Handom normal distribution of size 2x3 with mean at land standard deviation of 2: from numpy import sandom X= 91a ndow_ normal (1200 = 1, Scale = 2, Size=(2, 3)) print (x) Output [[-0.88649191 1.17519215 281307245] [2.43740755 0.66415318 -0.69363517] Visualization of Normal Distribution From numpy import sandom impost matplotlib. Pyplot as plt import seaborn as sns Sns. distplot (sandom. normal (8:2e = 1000), hist - False) 0.30 0.25