



HTML

CSS

MORE ▾



Uniform Distribution

[< Previous](#)[Next >](#)

Uniform Distribution

Used to describe probability where every event has equal chances of occurring.

E.g. Generation of random numbers.

It has three parameters:

a - lower bound - default 0 .0.

b - upper bound - default 1.0.

size - The shape of the returned array.

Example

Create a 2x3 uniform distribution sample:

```
from numpy import random  
  
x = random.uniform(size=(2, 3))  
  
print(x)
```

[Try it Yourself >>](#)

Visualization of Uniform Distribution

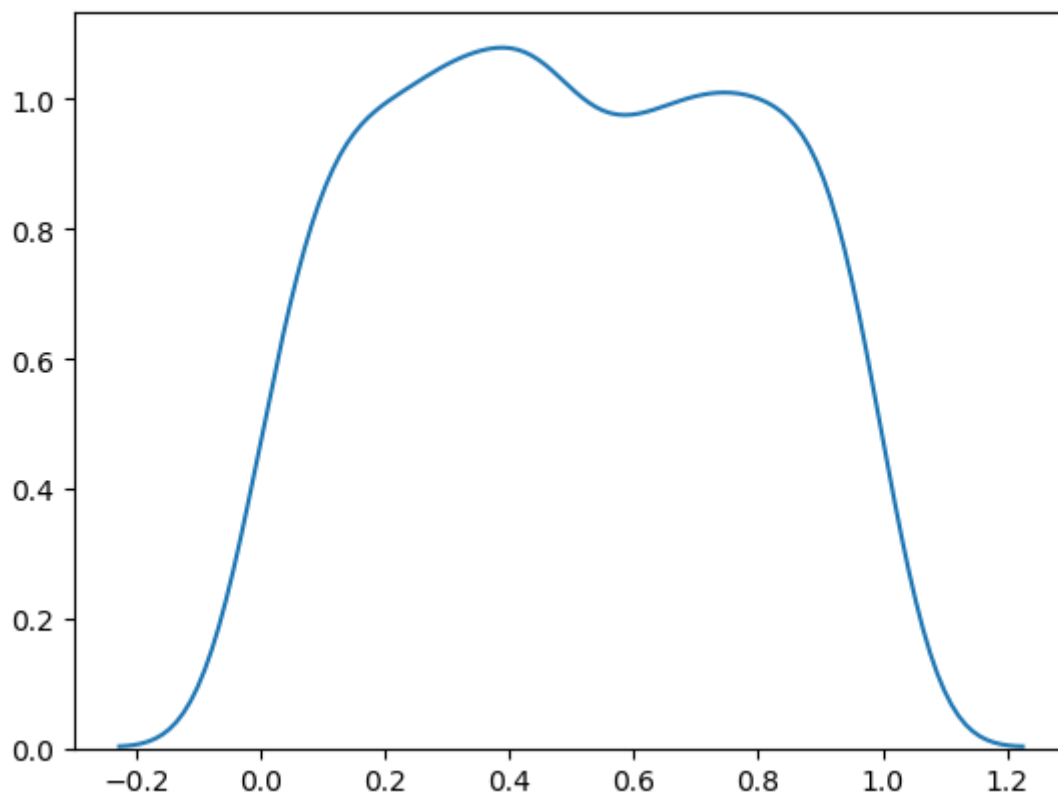
Example

```
from numpy import random
import matplotlib.pyplot as plt
import seaborn as sns

sns.distplot(random.uniform(size=1000), hist=False)

plt.show()
```

Result



Try it Yourself »

[< Previous](#)[Next >](#)

COLOR PICKER



HOW TO

Tabs
Dropdowns
Accordions
Side Navigation
Top Navigation
Modal Boxes
Progress Bars
Parallax
Login Form
HTML Includes
Google Maps
Range Sliders
Tooltips
Slideshow
Filter List
Sort List

SHARE



CERTIFICATES

HTML
CSS
JavaScript
SQL
Python

PHP
jQuery
Bootstrap
XML

[Read More »](#)

[REPORT ERROR](#)

[PRINT PAGE](#)

[FORUM](#)

[ABOUT](#)

Top Tutorials

[HTML Tutorial](#)
[CSS Tutorial](#)
[JavaScript Tutorial](#)
[How To Tutorial](#)
[SQL Tutorial](#)
[Python Tutorial](#)
[W3.CSS Tutorial](#)
[Bootstrap Tutorial](#)
[PHP Tutorial](#)
[jQuery Tutorial](#)
[Java Tutorial](#)
[C++ Tutorial](#)

Top References

[HTML Reference](#)
[CSS Reference](#)
[JavaScript Reference](#)
[SQL Reference](#)
[Python Reference](#)
[W3.CSS Reference](#)
[Bootstrap Reference](#)
[PHP Reference](#)
[HTML Colors](#)
[jQuery Reference](#)
[Java Reference](#)
[Angular Reference](#)

Top Examples

- [HTML Examples](#)
- [CSS Examples](#)
- [JavaScript Examples](#)
- [How To Examples](#)
- [SQL Examples](#)
- [Python Examples](#)
- [W3.CSS Examples](#)
- [Bootstrap Examples](#)
- [PHP Examples](#)
- [jQuery Examples](#)
- [Java Examples](#)
- [XML Examples](#)

Web Certificates

- [HTML Certificate](#)
- [CSS Certificate](#)
- [JavaScript Certificate](#)
- [SQL Certificate](#)
- [Python Certificate](#)
- [jQuery Certificate](#)
- [PHP Certificate](#)
- [Bootstrap Certificate](#)
- [XML Certificate](#)

[Get Certified »](#)

W3Schools is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using this site, you agree to have read and accepted our terms of use, cookie and privacy policy. Copyright 1999-2020 by Refsnes Data. All Rights Reserved.

Powered by W3.CSS.

