Uniform Distribution

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Uniform Distribution

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

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)
```

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Visualization of Uniform Distribution

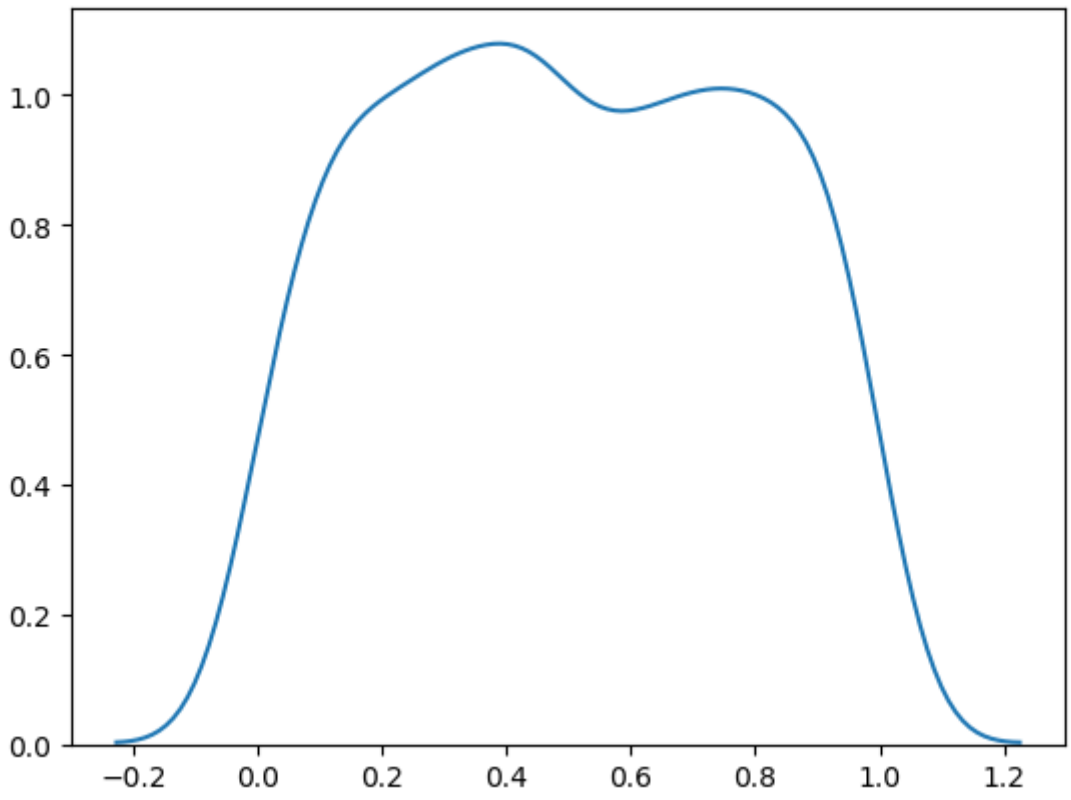
Example

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

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

plt.show()
```

Result



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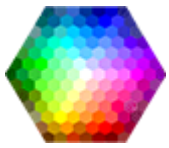

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