Pareto Distribution

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Pareto Distribution

A distribution following Pareto's law i.e. 80-20 distribution (20% factors cause 80% outcome).

It has two parameter:

`a` - shape parameter.

`size` - The shape of the returned array.

Example

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Draw out a sample for pareto distribution with shape of 2 with size 2x3:

```
from numpy import random

x = random.pareto(a=2, size=(2, 3))

print(x)
```

Try it Yourself »

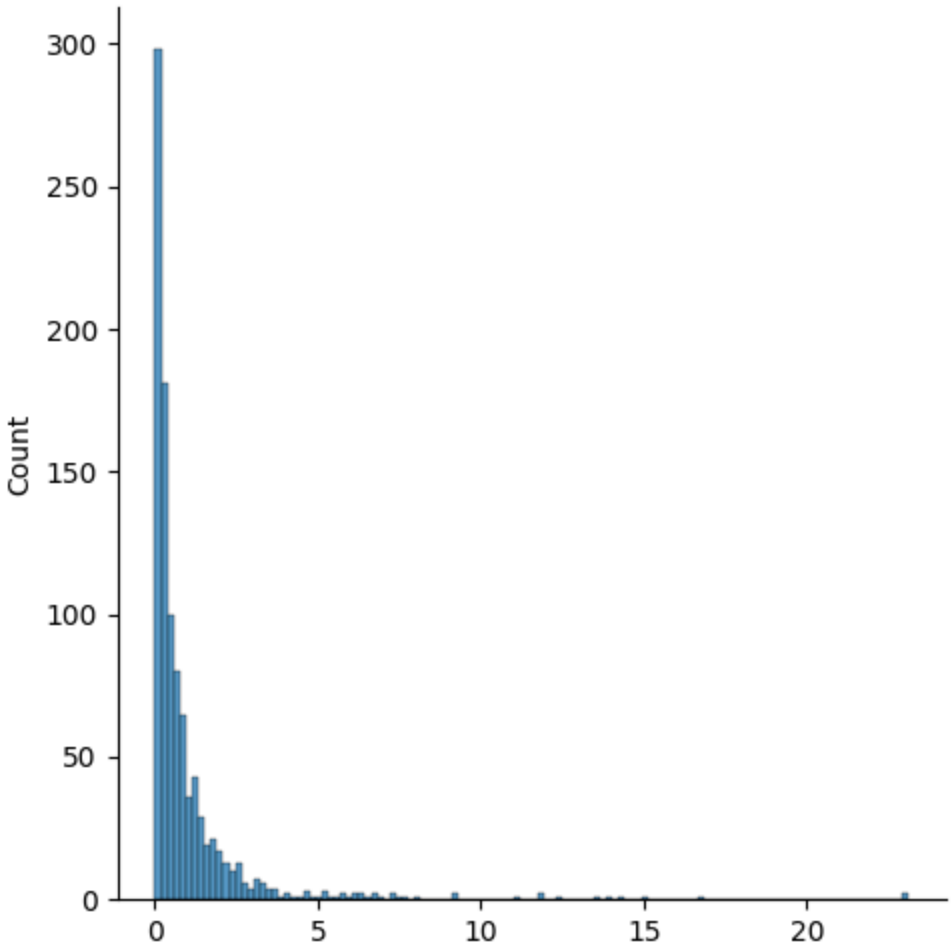
Example

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

sns.displot(random.pareto(a=2, size=1000))

plt.show()
```

Result



Try it Yourself »

How many parameters does the `random.pareto()` method have?

- 1
- 2
- 3

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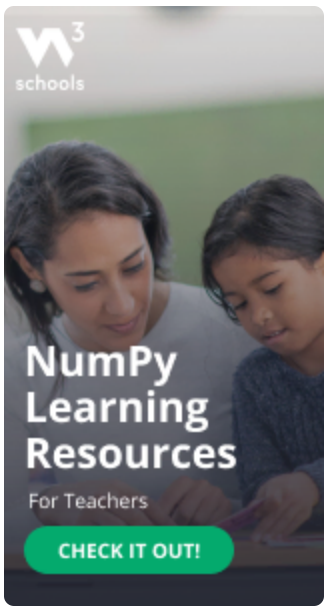
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