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# **Averager**

***Release 2.0.1***

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**Averager** is a simple way to calculate averages of values.

```
>>> average([1, 2, 3])
2

>>> weighted_average([(1, 2), (2, 3)])
1.6
```



# CHAPTER 1

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## Installation

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Averager is available on PyPI:

```
$ python -m pip install averager
```

Averager officially supports Python 2.7 & 3.5+.





Simple utilities for calculating averages

`averager.average(values)`

Calculates an unweighted average

**Parameters** `values` (*Iterable*) – The values to find the average of

**Returns** The average of the inputs

### Example

```
>>> average([1, 2, 3])
2
```

`averager.weighted_average(values)`

Calculates an weighted average

**Parameters** `values` (*Iterable*) – The values to find the average as an iterable of (value, weight) pairs

**Returns** The weighted average of the inputs

### Example

```
>>> weighted_average([(1, 2), (2, 3)])
1.6
```



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averager, 5



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