Python Code Optimization

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1	 General Tips Use real data Turn off anti virus Have a test suite ready Know when to measure 	
2	2 Measuring time	

2.1 II.:.......................

$2.1 \quad Using \ perf_counter$

```
from time import perf_counter
start = perf_counter()
some_fun()
duration = perf_counter() - start
# gives results in seconds
```

2.2 Using timeit

For repeatedly executing and measuring the average.

```
from timeit import timeit
if __name__ == '__main__'
    print('catch', timeit('func_name("argument")', 'from __main__ import func_name'))
```

2.3 In IPython

```
## Loading the functions from external file
%run -n module_name.py
%timeit func_name('argument')
```