



Moving Averages

Technical analysis

Tools



Table of Contents

1. | What is it for?

2. | How it works

3. | Being the magician

4. | Limitations



01

What is it
for?



01.

What is it for?

It is a program in Python for technical analysis using Moving Averages

- You will be able to wrangle financial data from yahoo.
- The data could be analysed using different libraries in python.





02

How it
works?

EXAMPLE AUD- USD

02.

SHORT TIME IN THE
WRONG WAY



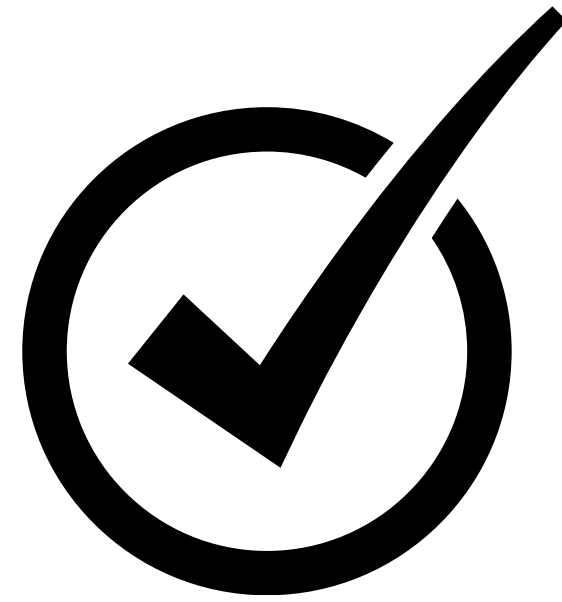
days: 360
short time = 2
middle = 10
long term = 30



EXAMPLE AUD- USD

02.

SHORT TIME



days: 40

short time = 2

middle = 10

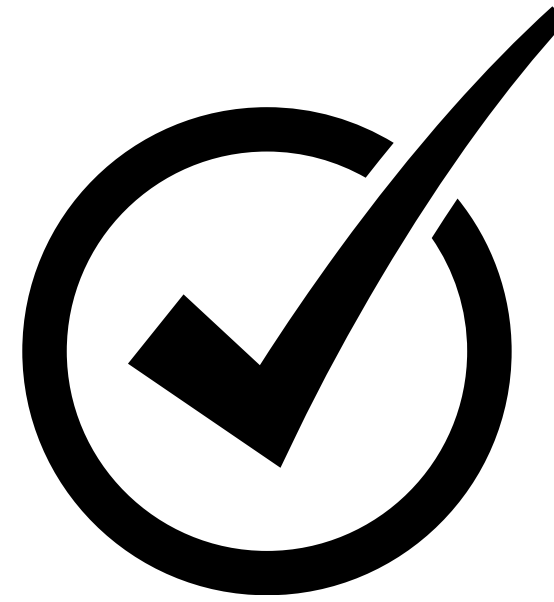
long term = 30



EXAMPLE AUD- USD

02.

LONG TERM



days: 360

short time = 50

middle = 100

long term = 200



A decorative graphic consisting of two vertical lines, one white and one yellow, extending from the top of the frame down to a yellow hexagon. The hexagon is positioned on the left side of the frame and contains the number '03' in a bold, black, serif font.

03

Being the magician

Playing with the code

1



Which financial
instrument

2

```
[169] 1 tick = yf.Ticker('AUDUSD%3DX') # ADA-USD # EUR
      2 hist = tick.history(period='360d')['Close']
```

How many days?

Ctrl

+

F10

3

```
[184] 1 short = 50
      2 middle = 100
      3 long1 = 200
      4
```

Time periods.

A decorative graphic on the left side of the slide. It consists of two vertical lines at the top: a thin white line on the left and a thicker black line on the right. These lines extend downwards to a dark blue hexagon. The hexagon is centered vertically and contains the number '04' in a yellow, serif font.

04

Caveats.



04. Caveats.

- **Past performance is not indicative of future results.**
- **Reliance on recent price movements with an EMA creates more False Positives.**
- **External factors are not taken into account.**