

Table of Contents

Table of Contents	1
About	1
Requirements:	2
Determine Windows Architecture	2
Download and install python	3
Download the code	4
Install TA_Lib	7
Install dependencies	8
Install Fast API	8
Run Fast API	9
Download the Candlestick Bot	10
Add API url to MT5	12

About

This document was prepared for use alongside the free candlestick trading bots that can be found on <https://ko-fi.com/wamaitha/shop>

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If you have a trading strategy that you would like me to code for you please use this link to work with me : <https://ko-fi.com/wamaitha/commissions>

To support my work, you can make a donation using this link: <https://ko-fi.com/wamaitha>

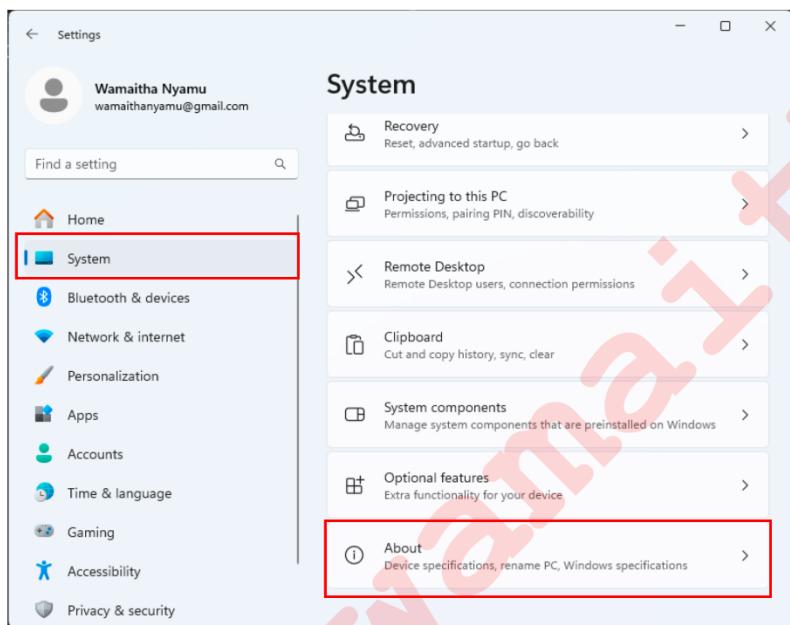
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Requirements:

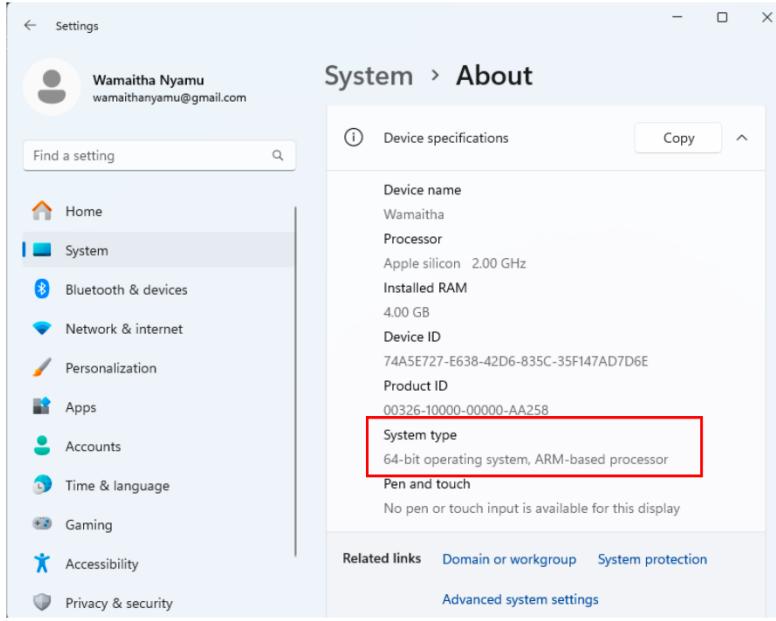
- Windows 10 or later
- MT5
- Internet connection

Determine Windows Architecture

To follow this guide you need to first know which underlying architecture your windows is running on. To do that, go to settings > System > About



Click on About and you should see the architecture under system type. Be sure to make a mental note of this as you will need it to figure out how to install dependencies.



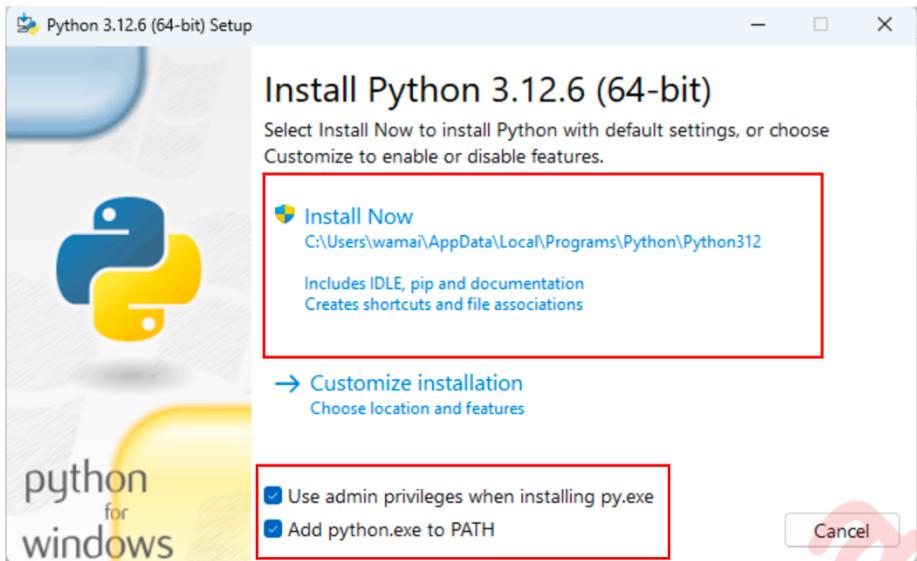
Download and install python

- Go to <https://www.python.org/downloads/release/python-3126/>
- Scroll down and download the windows installer

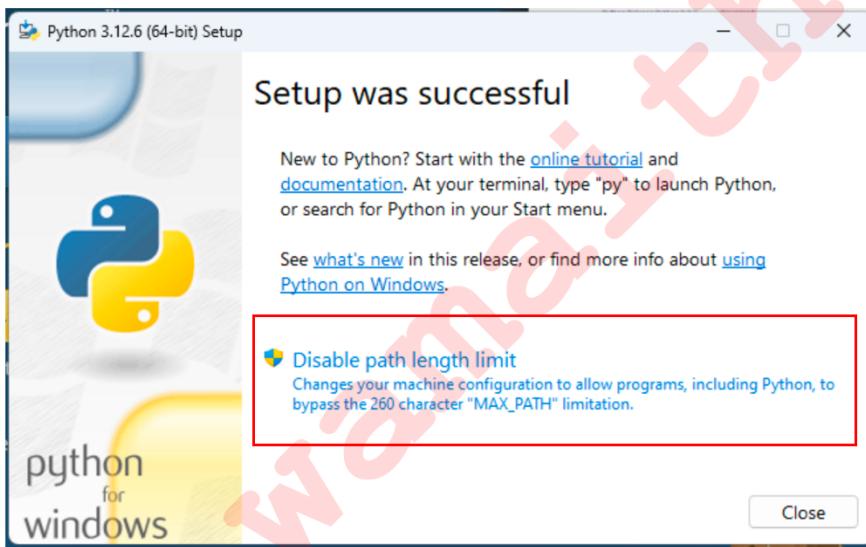
Version	Operating System	Description	MD5 Sum	File Size	GPG	Sigstore	SPDX
Gzipped source tarball	Source release		c2f1dd5c8807ee50b778684b7958ee28	25.8 MB	SIG	.sigstore	SPDX
XZ compressed source tarball	Source release		cb689514937d3e894e74081627722aa5	19.5 MB	SIG	.sigstore	SPDX
macOS 64-bit universal2 installer	macOS	for macOS 10.13 and later	9fe25ae8e0dfea2854e6bce62e69a3dd	43.2 MB	SIG	.sigstore	SPDX
Windows installer (64-bit)	Windows	Recommended	d8548aa76094762ba66f62eeb2ca862d	25.3 MB	SIG	.sigstore	SPDX
Windows installer (32-bit)	Windows		9b4c59154c46444e082266d8bd3a6429	24.1 MB	SIG	.sigstore	SPDX
Windows installer (ARM64)	Windows	Experimental	4ae3df4a32963ec6e6578890d97b19c	24.6 MB	SIG	.sigstore	SPDX
Windows embeddable package (64-bit)	Windows		ac256f31ee4700eba67980223bf3e9	10.5 MB	SIG	.sigstore	SPDX
Windows embeddable package (32-bit)	Windows		b6ee4cbff655e4a3ae8bed93bf9cd95	9.4 MB	SIG	.sigstore	SPDX
Windows embeddable package (ARM64)	Windows		e6c889dd2ae2dacfbfd9cb5faeb7aefc	9.8 MB	SIG	.sigstore	SPDX

The specific version will depend on your machine architecture (as defined in the previous step).

- Once downloaded, double click on it to install. Make sure to check the two checkboxes as shown in the image below

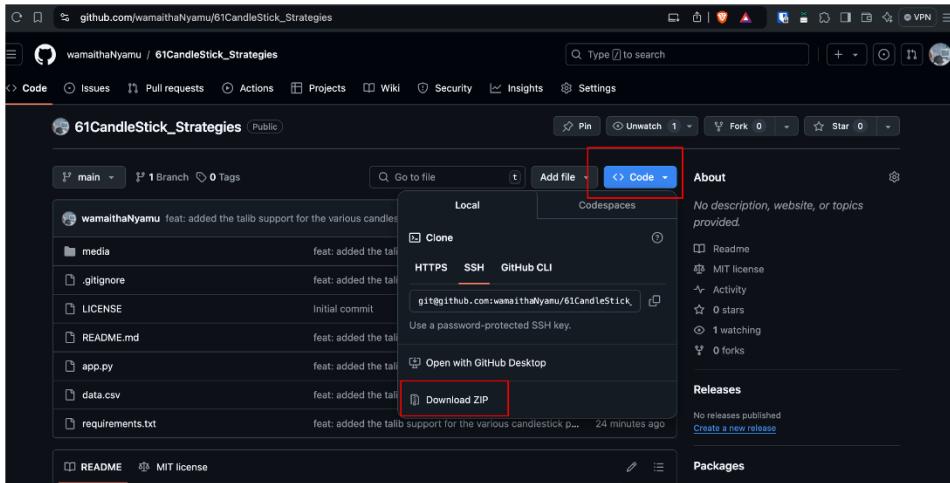


- Once the install is successful make sure to check the disable path limit

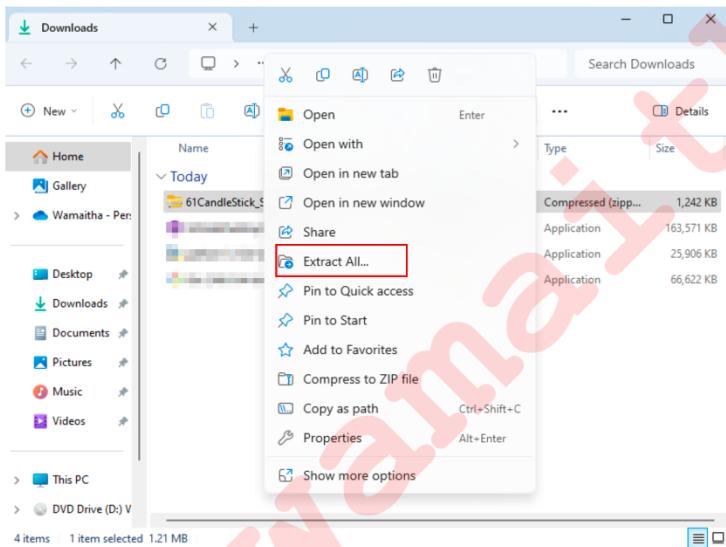


Download the code

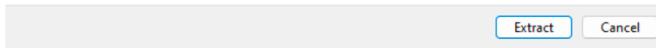
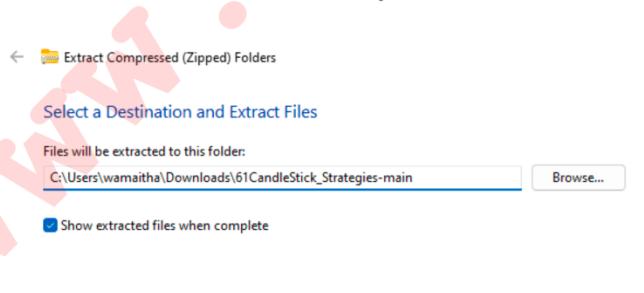
- Head over to https://github.com/wamaithaNyamu/61CandleStick_Strategies
- Click on the blue code button. On the dropdown, click on download zip



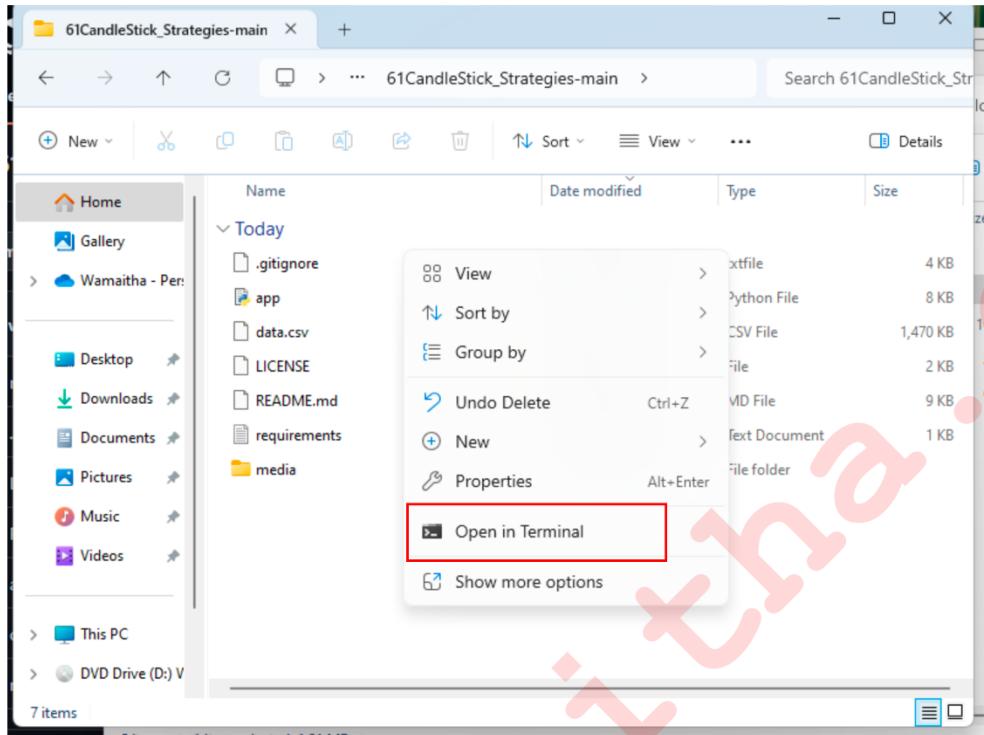
- Save the zip file
- Extract the downloaded zip file



Extract to whichever folder, by default I have this in the downloads folder



Open the files and right click then select open in terminal



On the terminal that opens, confirm that python was successfully installed by typing
python --version

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\wamai\Downloads\61CandleStick_Strategies-main\61CandleStick_Strategies-main> python --version
Python 3.12.6
PS C:\Users\wamai\Downloads\61CandleStick_Strategies-main\61CandleStick_Strategies-main>
```

A screenshot of a Windows PowerShell window. The title bar says 'Windows PowerShell'. The window displays the command 'python --version' being run in the terminal. The output shows 'Python 3.12.6'. A red arrow points from the text 'Also check that pip was installed (Pip is installed by default when you installed python)' to the word 'pip' in the command line.

Also check that pip was installed (Pip is installed by default when you installed python)

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

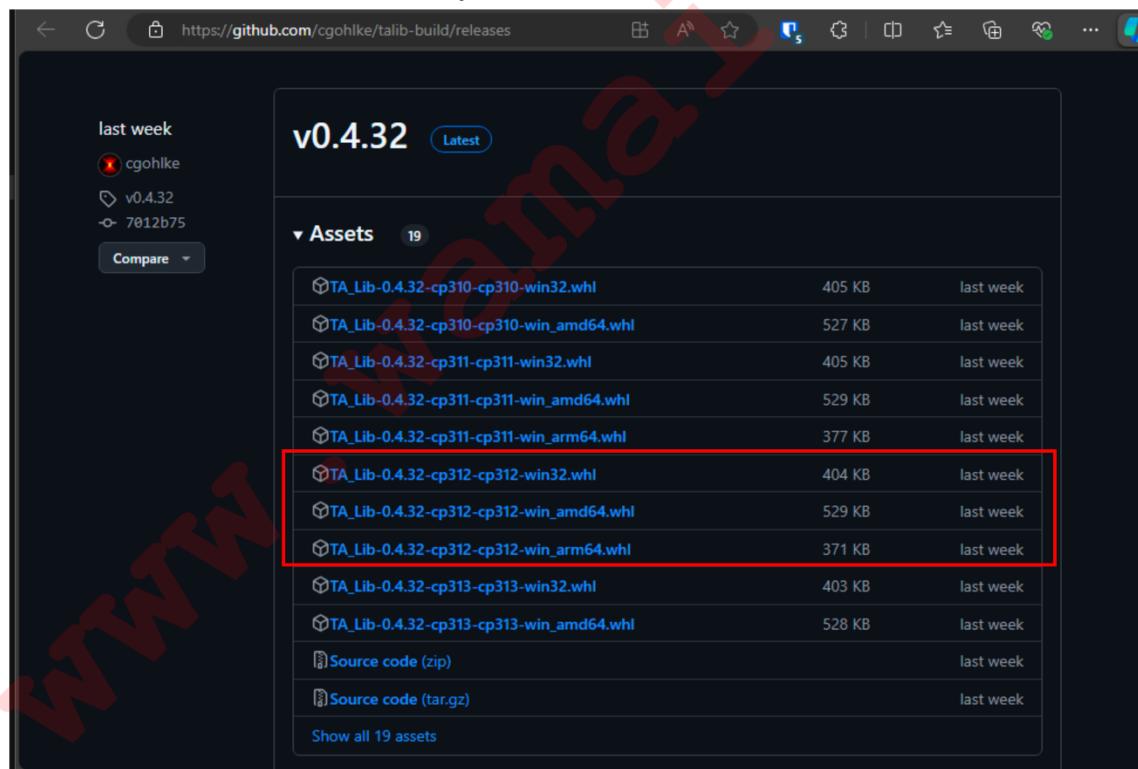
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\wamai\Downloads\61CandleStick_Strategies-main\61CandleStick_Strategies-main> python --version
Python 3.12.6
PS C:\Users\wamai\Downloads\61CandleStick_Strategies-main\61CandleStick_Strategies-main> pip --version
pip 24.2 from C:\Users\wamai\AppData\Local\Programs\Python\Python312\Lib\site-packages\pip (python 3.12)
PS C:\Users\wamai\Downloads\61CandleStick_Strategies-main\61CandleStick_Strategies-main>
```

Install TA_Lib

Head to <https://github.com/cgohlke/talib-build/releases/tag/v0.4.32>

Download the talib build that suits your architecture and save the file on the same directory



Install TA_Lib using python -m pip install .\<TA_LIB_BUILD_FILE.whl>

```
PS C:\Users\wamai\OneDrive\Documents\61CandleStick_Strategies> ls

Directory: C:\Users\wamai\OneDrive\Documents\61CandleStick_Strategies

Mode                LastWriteTime         Length Name
----              ----- -           ---- 
da---l          9/9/2024  1:46 AM            0 media
da---l          9/9/2024  3:16 AM            0 __pycache__
-a---l          9/9/2024  1:46 AM        3325 .gitignore
-a---l          9/9/2024  1:46 AM       7440 app.py
-a---l          9/9/2024  1:46 AM      1504731 data.csv
-a---l          9/9/2024  1:40 AM        1086 LICENSE
-a---l          9/9/2024  1:46 AM        9272 README.md
-a---l          9/9/2024  1:46 AM        247 requirements.txt
-a---l          9/9/2024  3:11 AM    541844 TA_Lib-0.4.32-cp312-cp312-win_amd64.whl

PS C:\Users\wamai\OneDrive\Documents\61CandleStick_Strategies> python -m pip install .\TA_Lib-0.4.32-cp312-cp312-win_amd64.whl
Processing c:\users\wamai\onedrive\documents\61candlestick_strategies\ta_lib-0.4.32-cp312-cp312-win_amd64.whl
Requirement already satisfied: numpy in c:\users\wamai\appdata\local\programs\python\python312\lib\site-packages (from TA-Lib==0.4.32) (2.1.1)
TA-Lib is already installed with the same version as the provided wheel. Use --force-reinstall to force an installation of the wheel.
```

Install dependencies

Install the dependencies using the command `pip install -r .\requirements.txt`

Install Fast API

`pip install "fastapi[standard]"`

```
PS C:\Users\wamai\OneDrive\Documents\61CandleStick_Strategies> pip install "fastapi[standard]"
Requirement already satisfied: fastapi[standard] in c:\users\wamai\appdata\local\programs\python\python312\lib\site-packages (0.114.0)
Requirement already satisfied: starlette<0.39.0,>=0.37.2 in c:\users\wamai\appdata\local\programs\python\python312\lib\site-packages (from fastapi[standard]) (0.38.5)
Requirement already satisfied: pydantic!=1.8,!=1.8.1,!=2.0.0,!=2.0.1,!=2.1.0,<3.0.0,>=1.7.4 in c:\users\wamai\appdata\local\programs\python\python312\lib\site-packages (from fastapi[standard]) (2.9.0)
Requirement already satisfied: typing-extensions>=4.8.0 in c:\users\wamai\appdata\local\programs\python\python312\lib\site-packages (from fastapi[standard]) (4.12.2)
Requirement already satisfied: fastapi-cli>=0.0.5 in c:\users\wamai\appdata\local\programs\python\python312\lib\site-packages (from fastapi[standard]>=0.0.5; extra == "standard">fastapi[standard]) (0.0.5)
Requirement already satisfied: httpx>=0.23.0 in c:\users\wamai\appdata\local\programs\python\python312\lib\site-packages (from fastapi[standard]) (0.27.2)
```

Run Fast API

```
fastapi run app.py
```

```
PS C:\Users\wamai\OneDrive\Documents\61CandleStick_Strategies> fastapi run app.py
INFO: Using path app.py
INFO: Resolved absolute path C:\Users\wamai\OneDrive\Documents\61CandleStick_Strategies\app.py
INFO: Searching for package file structure from directories with __init__.py files
INFO: Importing from C:\Users\wamai\OneDrive\Documents\61CandleStick_Strategies

Python module file
└─ Q app.py

INFO: Importing module app
INFO: Found importable FastAPI app

Importable FastAPI app
└─ from app import app

INFO: Using import string app:app

FastAPI CLI - Production mode
└─ Serving at: http://0.0.0.0:8000
   API docs: http://0.0.0.0:8000/docs
   Running in production mode, for development use:
      fastapi dev

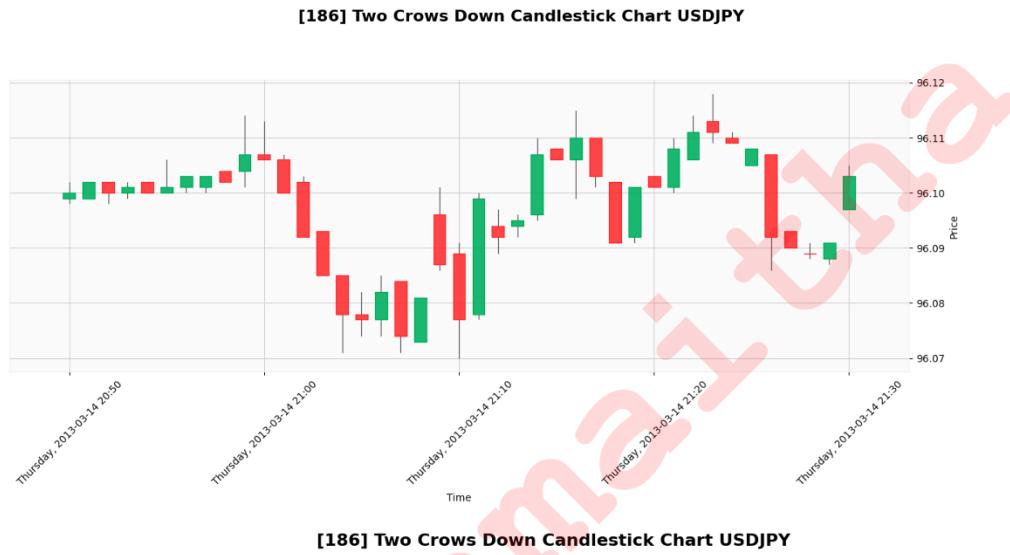
INFO: Started server process [1392]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: Uvicorn running on http://0.0.0.0:8000 (Press CTRL+C to quit)
INFO: 127.0.0.1:51169 - "GET / HTTP/1.1" 200 OK
```

Download the Candlestick Bot

For thi example lets use the Two crows candlestick bot

Download it from here : <https://ko-fi.com/s/ba091952f8>

The Two Crows pattern is a bearish reversal signal in technical analysis. It consists of two small, red candles following a strong bullish candle, indicating a potential reversal from an uptrend to a downtrend.

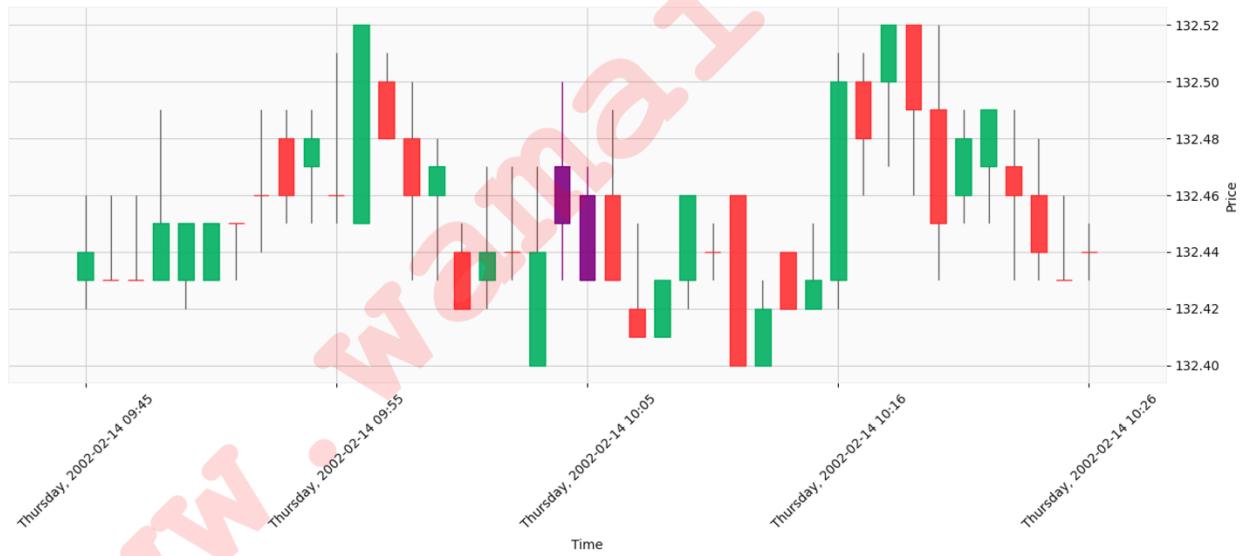


You can see the two marked in purple in the second figure represent the two crows patter. This is the perfect scenario. However please note, that the bot will identify a pattern but you have to wait and check if the candle that follows is bullish or bearish. Here is an example of two crows but the candle after is bearish. In this case the two crows would be a false signal

[15] Two Crows Down Candlestick Chart USDJPY



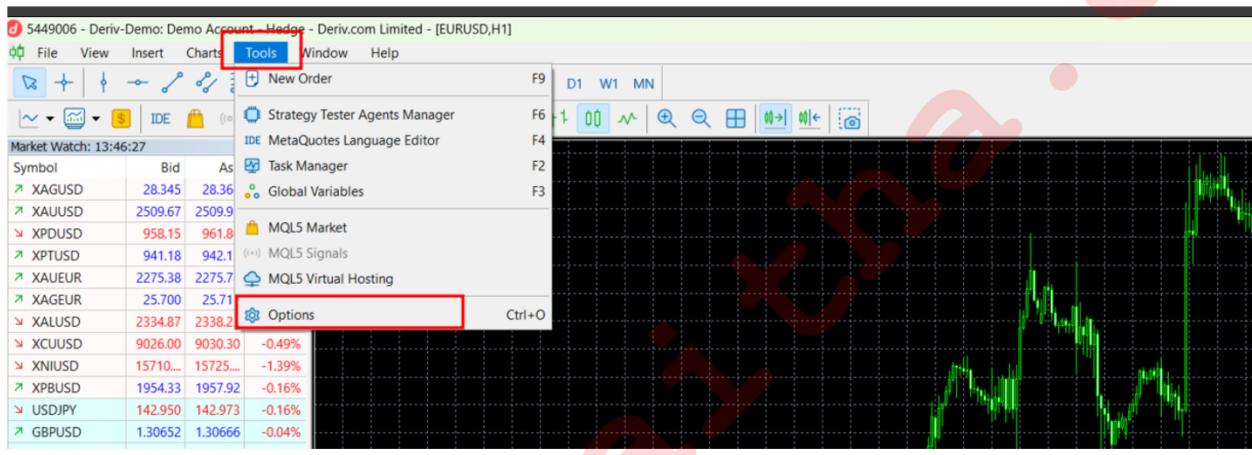
[15] Two Crows Down Candlestick Chart USDJPY



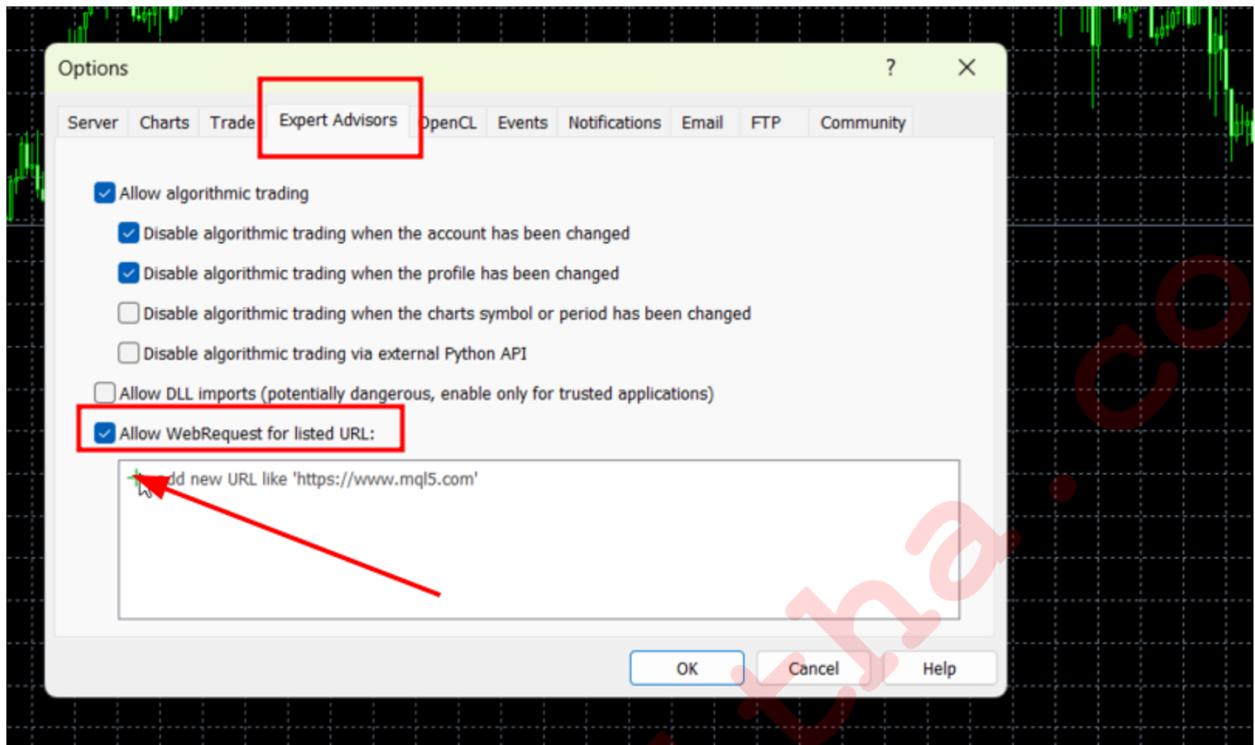
Once you download the candlestick bot, you need to add the API end point to your MT5

Add API url to MT5

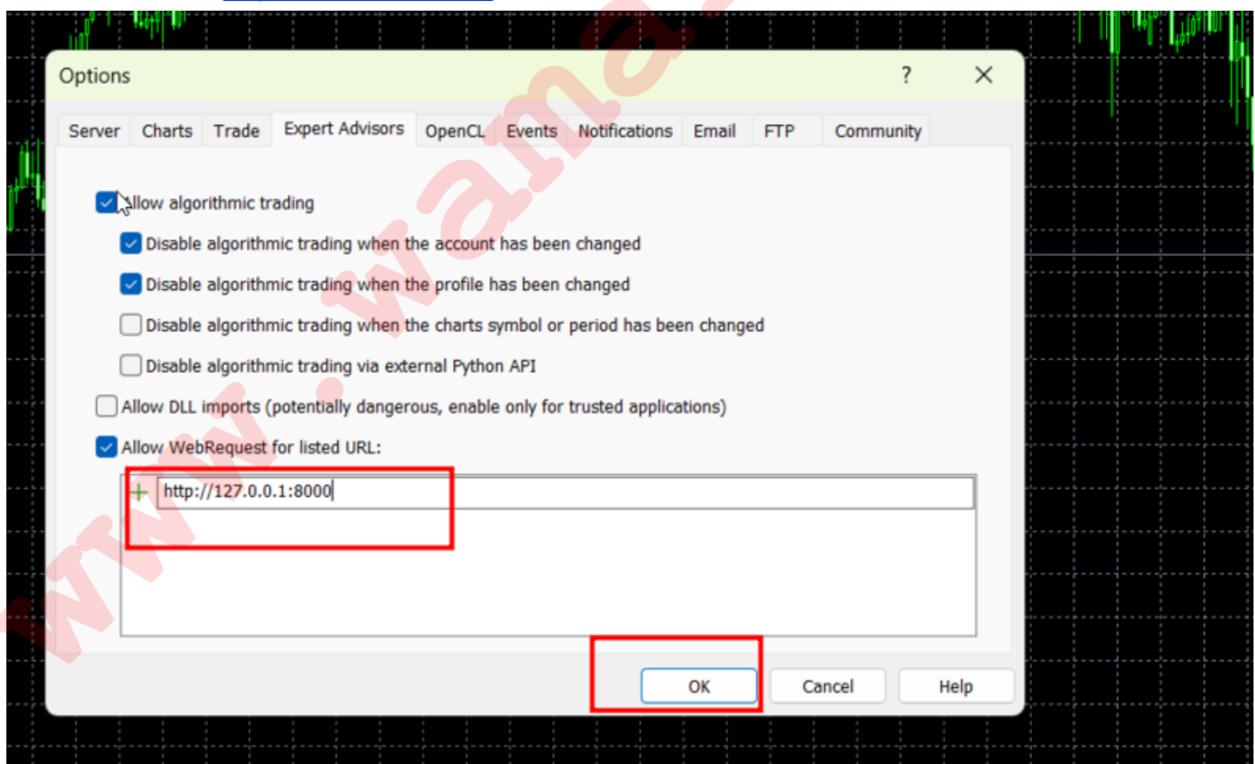
On MT5, go to Tools > Options



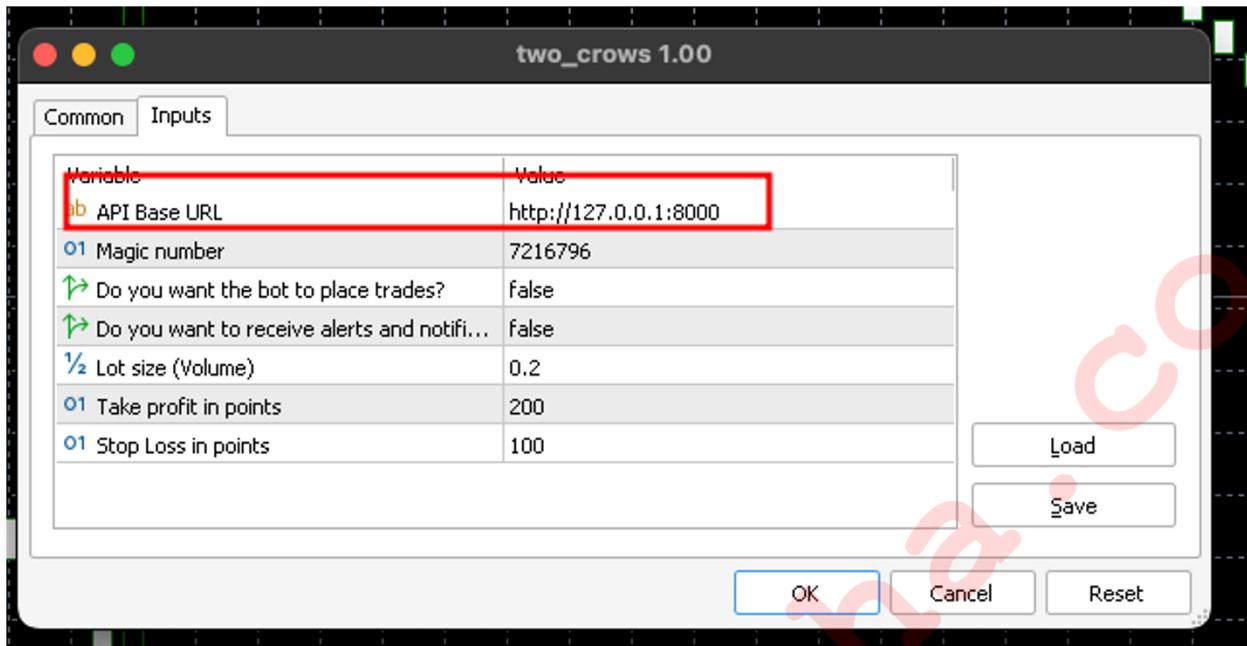
On the Expert Advisors tab, check the “Allow WebRequest for listed URL” checkbox. Then double click on the + icon



Add the address <http://127.0.0.1:8000> and click ok



When you attach the bot to your chart, you will notice that the same URL is shown on the bot



To put this bot on a VPS and setup alerts, please follow the second PDF you downloaded with this bot.

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