

# PYTHON TRADING TRACK

พิเศษเพิ่มเนื้อหา ปล่อยระบบเทรดบน cloud 18 July เวลา 7:00 PM







Date	Pair	Туре	Side ▼	Average	Price	Executed	Amount	Total
+ 03-28 19:33:00	ETH/BUSD	Market		3,344.71	Market	0.0060	0.0060	20.07







**Executions** 

Strategies



**Crypto Thai Equity Forex SET OPEN API Interactive Broker Bitkub API** → Stock → Forex **Binance API**  $\rightarrow$  TFEX → Foreign Stocks → Foreign Futures & **CCXT Options / Bitcoin Futures** 

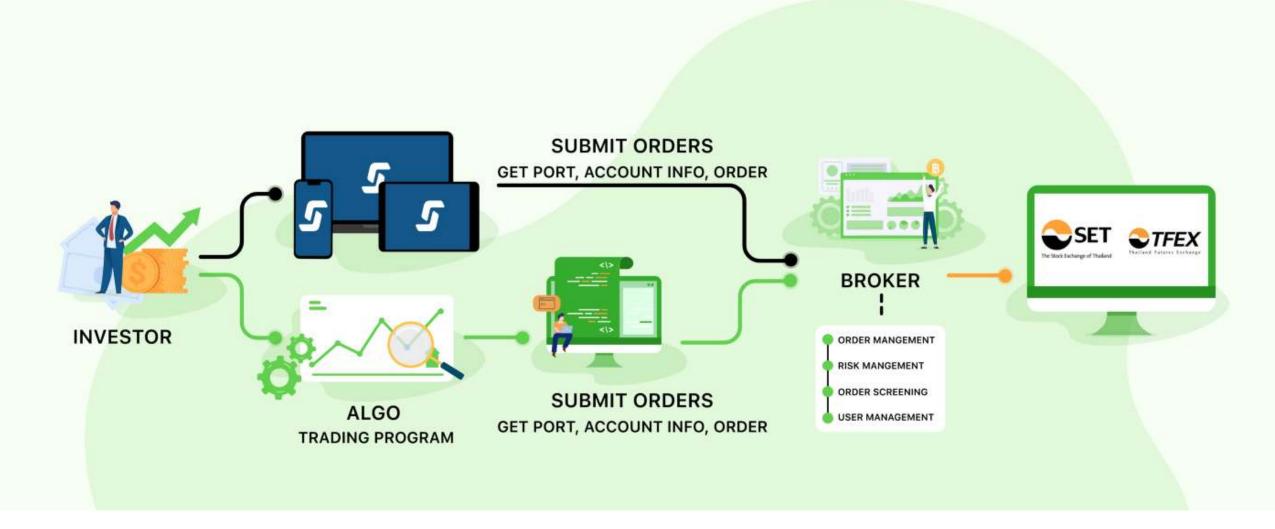
CCXT PRO

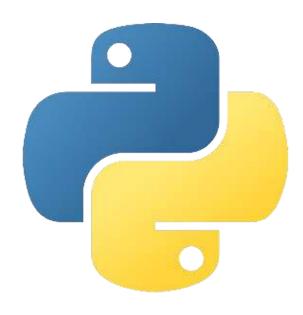
Tradingview Python API Metatrader Wrapper



- API Connection
- Account API
- Ordering API
- Building Block / Concept
- Execution Loop
- Promotion from Brokers!





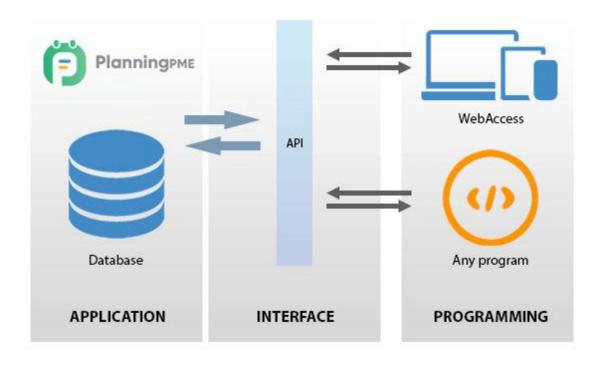


# **API Connection**

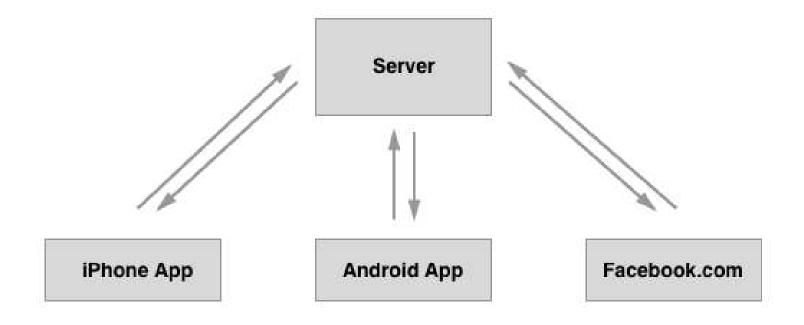
with Python



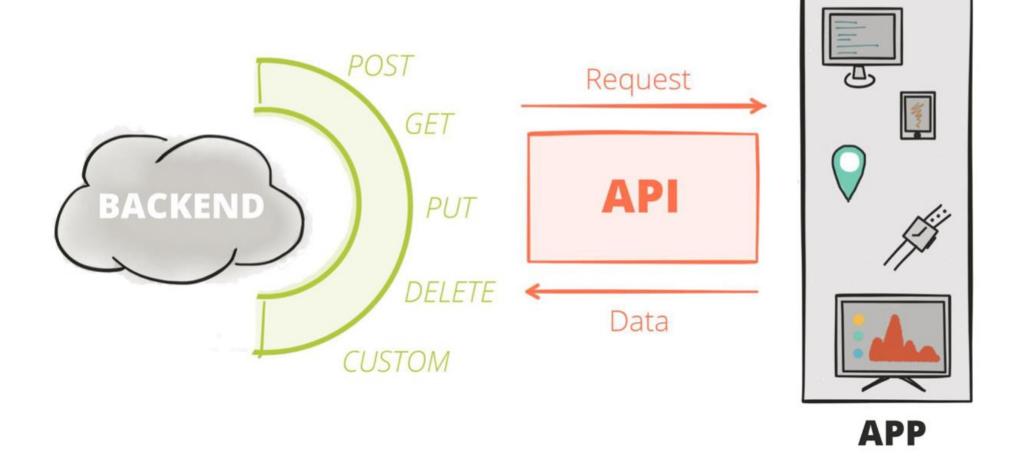
#### Imagine what we did before ... get data from yfinance





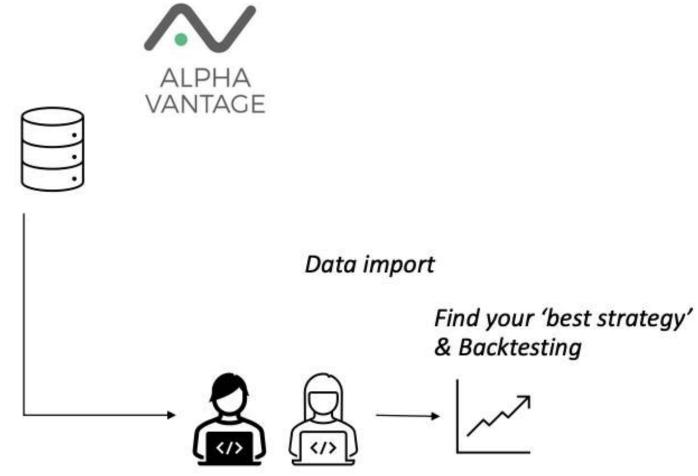








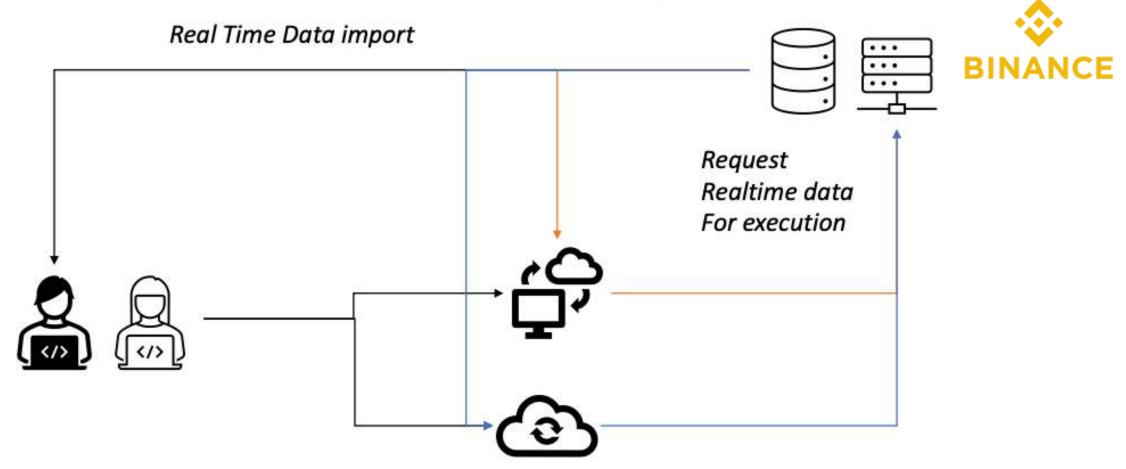
















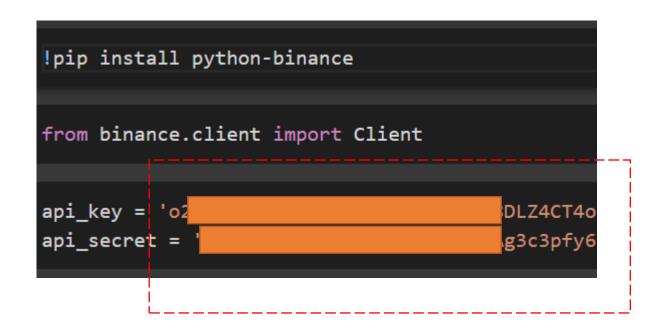












By pass Login



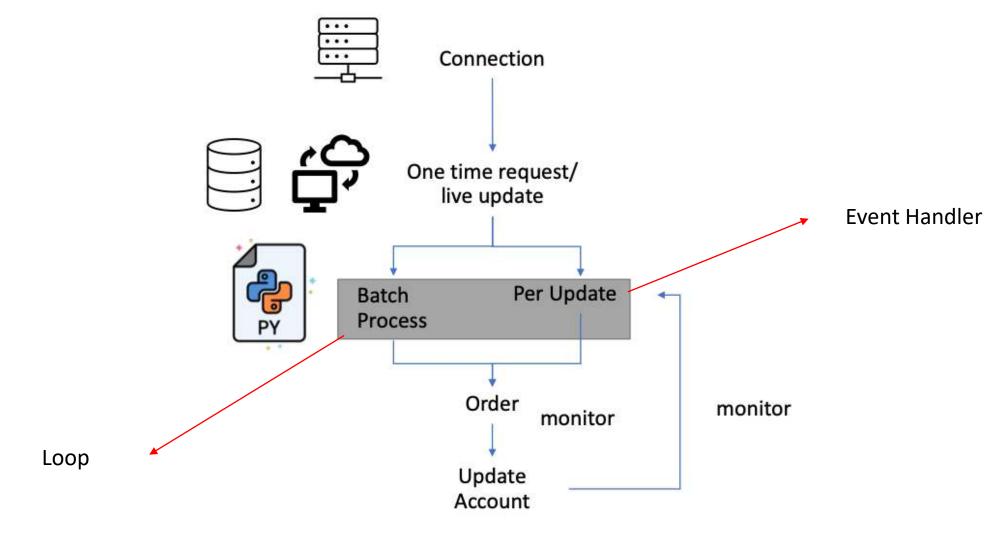
```
order = client.order_limit_buy(
                                symbol='BNBBUSD',
                                quantity=0.10,
                                price='380')
order
{'clientOrderId': 'QqmYrXmCwYtFMMUeqAOhKK',
 'cummulativeQuoteQty': '0.00000000',
'executedQty': '0.00000000',
'fills': [],
'orderId': 1175558212,
'orderListId': -1,
 'origQty': '0.10000000',
 'price': '380.00000000',
'side': 'BUY',
 'status': 'NEW',
 'symbol': 'BNBBUSD',
'timeInForce': 'GTC',
 'transactTime': 1648387930137,
 'type': 'LIMIT'}
```



### In reality → super high level concept

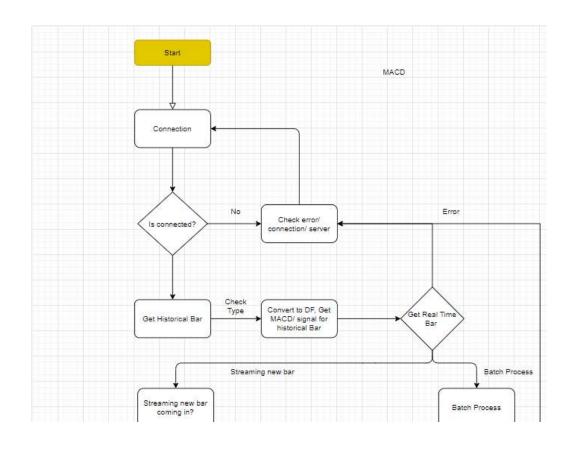
0	Import & Initialization	
1	Authen → API Key & Secret	
2	API Data Retrieve  Somewhat cleaning, prepare data  Signal Creation	
3	API Order	
4	Monitoring, Risk Management	

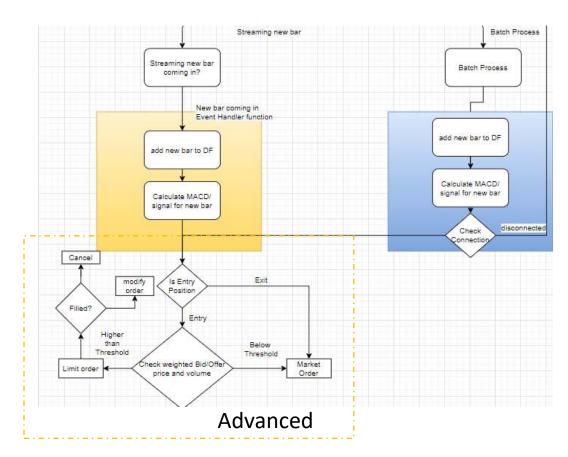






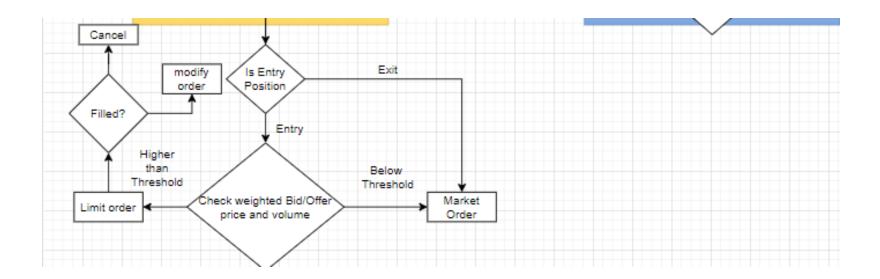
#### e.g. MACD with limit order for entry, MP order for exit







#### e.g. MACD with limit order for entry, MP order for exit





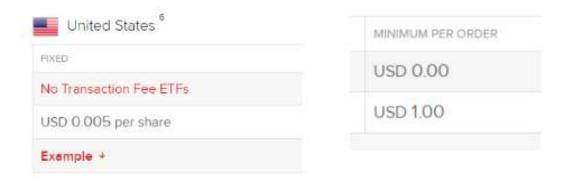
### รายชื่อโบรกเกอร์ผู้ให้บริการ

ชื่อ	Derivatives API	Equity API	Derivatives Market Data API	Equity Market Data API
Classic Ausiris (063)	<b>✓</b>	N/A	<b>✓</b>	N/A
Finansia Syrus (024)	N/A	~	N/A	~
<b>pi</b> Pi (003)	~	N/A	~	N/A
KGI (013)	~	~	~	~
Globlex (025)	~	~	~	~
Kingsford (015)	N/A	~	N/A	~
Krungsri (029)	~	N/A	~	N/A
Yuanta (019)	~	N/A	~	N/A
YLG (062)	~	N/A	~	N/A





As the friend of a referrer, you can earn up to \$1000 of IBKR stock, subject to program conditions.



MONTHLY TRADE AMOUNT 2	COMMISSIONS	MINIMUM PER ORDER <sup>2</sup>
USD <= 1,000,000,000	0.20 basis point <sup>3</sup> * Trade Value <sup>4</sup>	USD 2.00
USD 1,000,000,001 - 2,000,000,000	0.15basis point <sup>3</sup> * Trade Value <sup>4</sup>	USD 1.50
USD 2,000,000,001 - 5,000,000,000	0.10basis point <sup>3</sup> * Trade Value <sup>4</sup>	USD 1.25
USD > 5,000,000,000	0.08basis point <sup>3</sup> * Trade Value <sup>4</sup>	USD 1.00









To be Continue ....

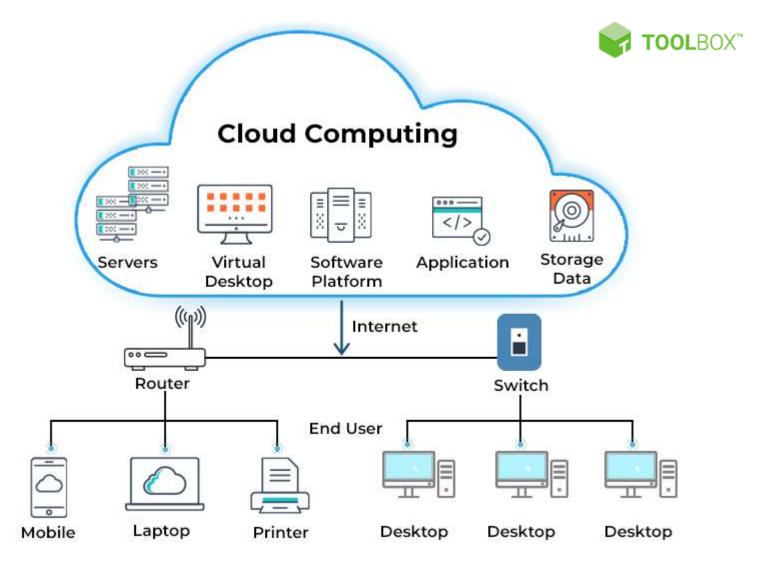


# What's New?

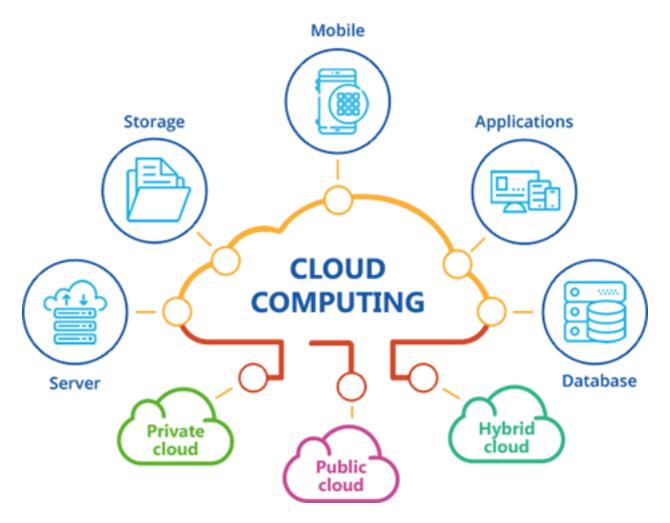




## What is Cloud?



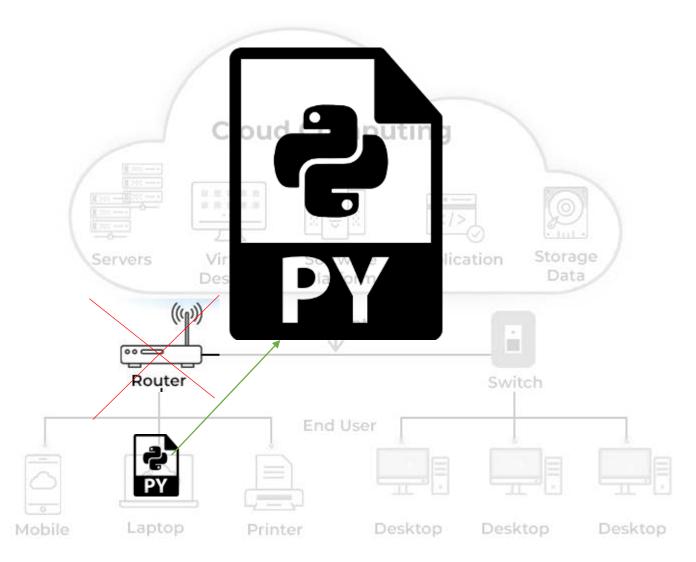












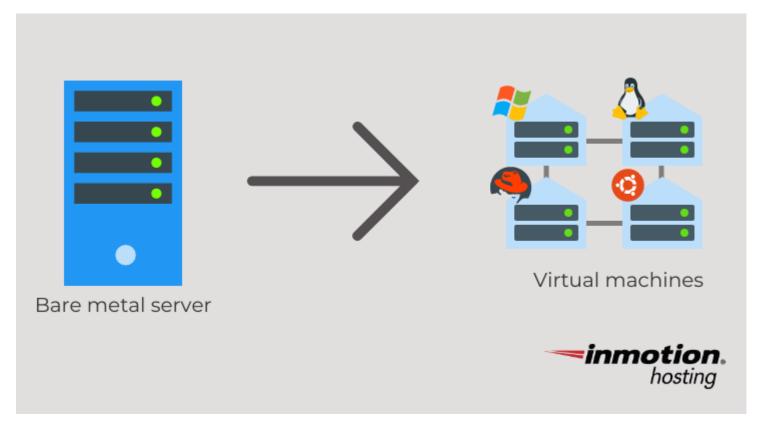


# Create VM Instance (Free VPS)

# Google Cloud Platform

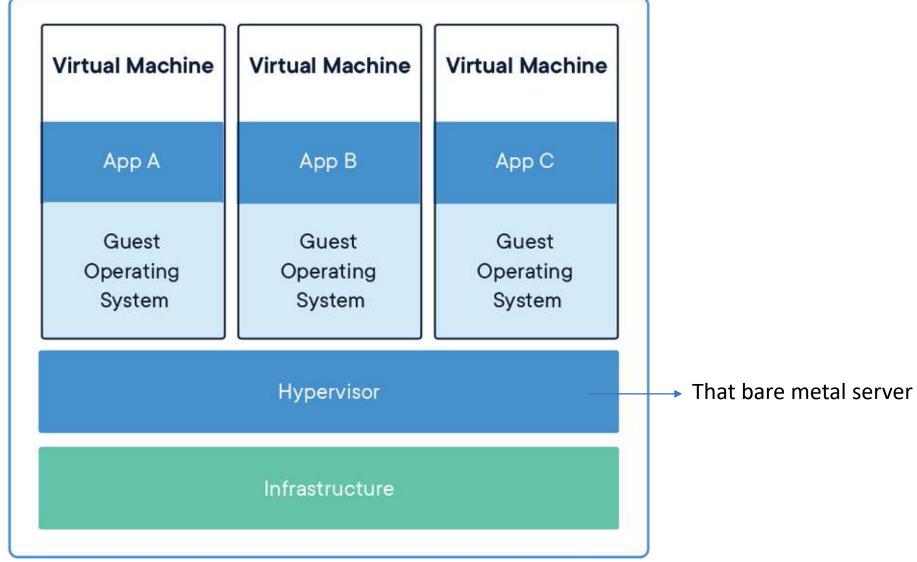






A physical server that creates and manages virtual machines is called a hypervisor. A hypervisor can slice (or, "partition") a portion of drive space and allocate memory so that, in essence, a separate computer can run within a computer.







SSH-in-browser

Linux bitkubbot 5.10.0-16-cloud-amd64 #1 SMP Debian 5.10.127-1 (2022-06-30) x86 64

The programs included with the Debian GNU/Linux system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/\*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

Last login: Mon Jul 11 05:20:10 2022 from 35.235.243.160

sitsakul portfolio@bitkubbot:~\$

