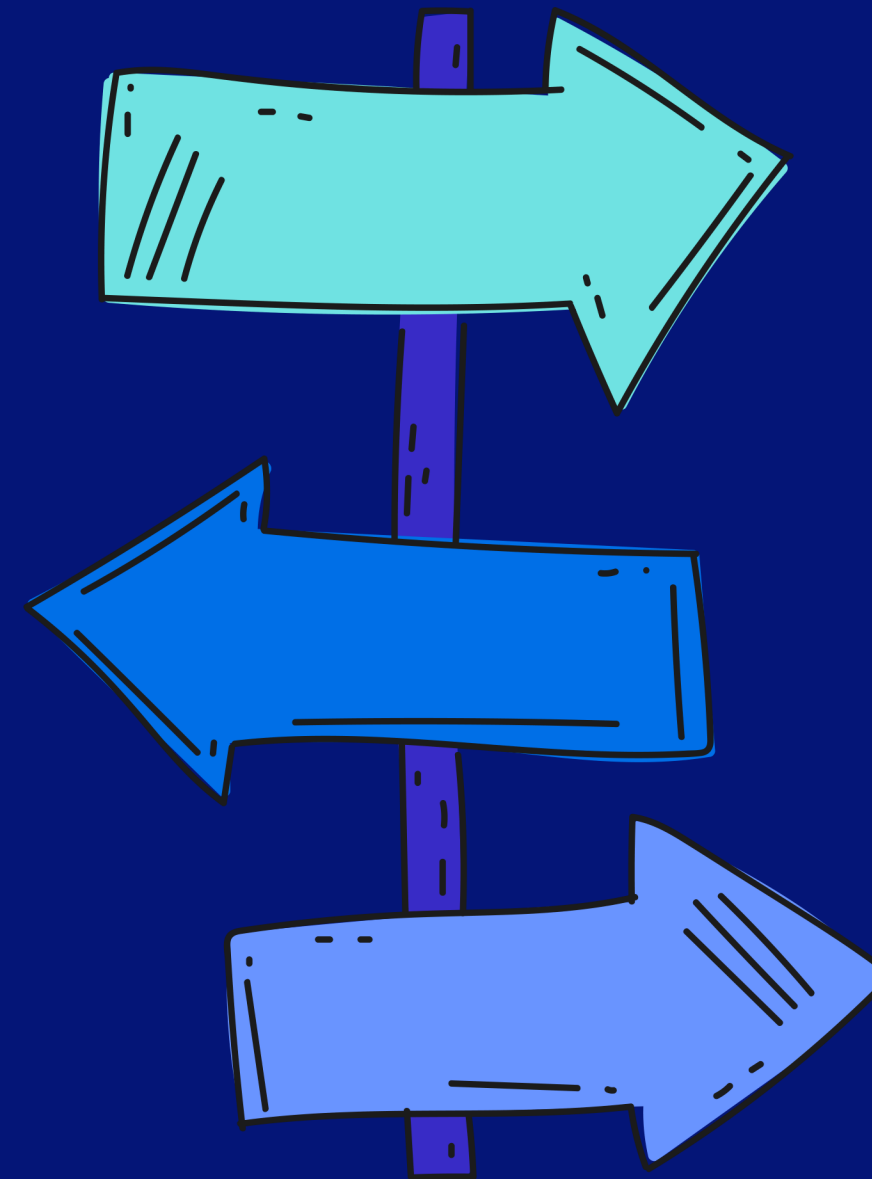


TABLE OF CONTENT

HERE IS A SUMMERY OF WHAT YOU WILL FIND IN THIS PDF. CLICK ON EACH TOPIC YOU WOULD LIKE TO LEARN ABOUT.

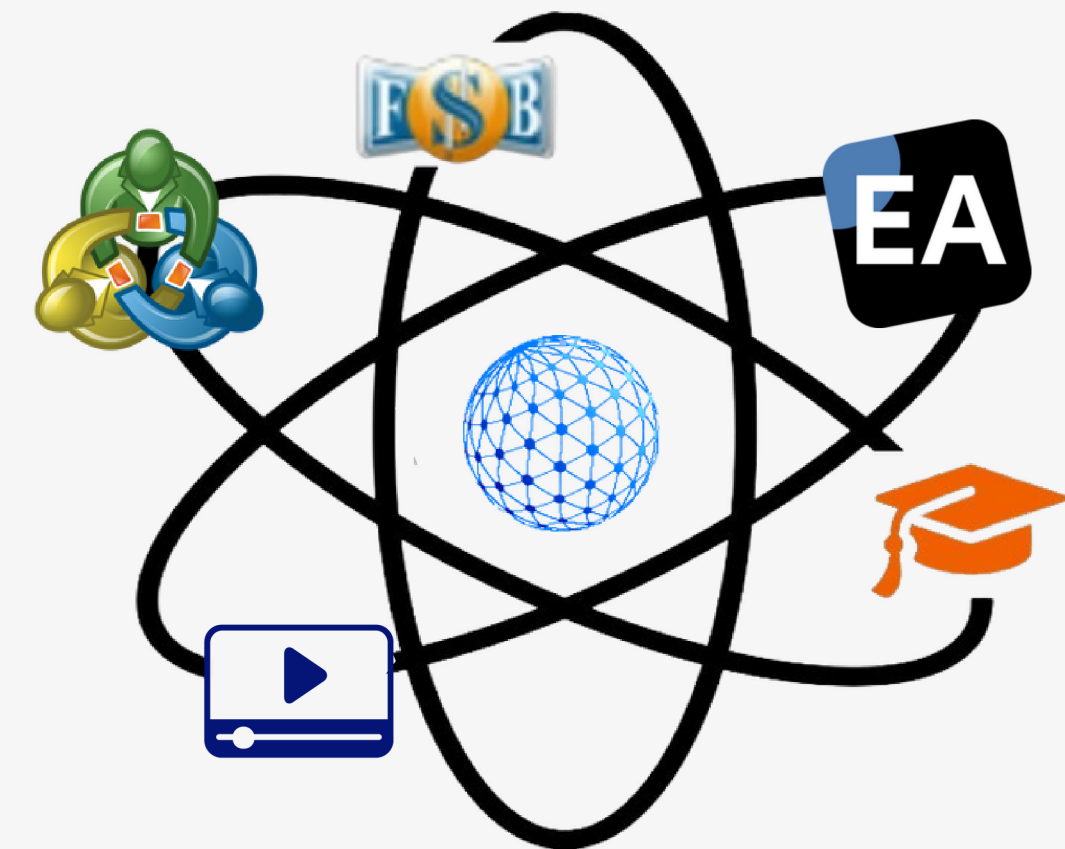
1. WHY EA TRADING ACADEMY
2. WHY DO WE TRADE FOREX WITH EAS
3. HOW TO SELECT A BROKER
 - A. THE BROKERS WE USE
 - B. REGULATIONS
4. TRADING PLATFORMS
 - A. METATRADER
 - B. A QUICK GUIDE TO MT
5. TRADING WITH EXPERT ADVISORS
 - A. HOW TO PLACE EAS ONTO MT
 - B. BACKTESTING EXPERT ADVISORS
 - C. FOLLOWING THE RESULTS
6. TESTIMONIALS
7. REFER A FRIEND



OUR MISSION IS TO PROVIDE EVERYTHING A BEGINNER NEEDS TO BECOME A TRADER

1. **Online Courses**—You don't need to go to a traditional trading school and spend Thousands of Dollars. You can watch and learn to trade from anywhere and at any time.
2. **Ready-to-use Strategies and Robots**
Many people need help on the market because they trade with emotions. We will show you the proper and correct way to use our strategies and Trading Robots.
3. **Professional Strategy Builders:** You will learn to create Trading Robots from scratch without the need for programming skills. We have integrated the best software to make our algorithmic trading easier.

WHY IS EA TRADING ACADEMY THE BEST PLACE FOR ALGO TRADING?



FOREX

WHY DO WE TRADE FOREX WITH ROBOTS?

FOREIGN EXCHANGE MARKET

The Forex Market is a global decentralized (over-the-counter) marketplace for exchanging currencies against one another.

WHY IS FOREX THE BIGGEST MARKET?

- Open 24 hours a day - from Monday to Friday, with a few trading hours on Sunday
- Multiple participants - institutions, corporations and individuals
- Currencies are important to most people around the world





WHY ALGO TRADING ON FOREX?

- Small spreads and commissions
- Ease of access with the Forex Brokers
- Huge choice of assets to be traded

80%

ALGORITHMIC TRADING

20%

MANUAL TRADING

FOREIGN EXCHANGE MARKETS THESE DAYS

CFD

Contract for difference

NO PHYSICAL DELIVERY

Trading on the value of the asset.

FOREX BROKERS

The most popular way for retail traders.

FUND AN ACCOUNT

Open a Demo or a Live account and trade on the market.



FOREX

PARTICIPANTS



Forex Brokers that We Use

| Broker | Regulator | EURUSD Spread & Commission | Pros | Cons | Rating | Open Account |
|--|------------------------|-------------------------------|--|--|--------------------------------------|------------------------------|
|  Eightcap | SCB, AFSL, FCA, CySEC | 0.1 pips + \$1/Lot commission | <ul style="list-style-type: none"> Competitive spreads Fast execution Diverse instruments | <ul style="list-style-type: none"> Limited research tools | 10/10 Read review | Open Account |
|  FXVIEW | FSCA, CySEC, FSC | 0.1 pips + \$1/Lot commission | <ul style="list-style-type: none"> Strongly Regulated Broker Wide range of assets Multiple platforms | <ul style="list-style-type: none"> Limited account options | 10/10 Read review | Open Account |
|  BlackBull | FMA, FSA | 0.8 pips + \$0/Lot commission | <ul style="list-style-type: none"> Solid Regulation/Reputation ECN-style account options Leverage up to 1:500 Free TradingView Pro Subscription | <ul style="list-style-type: none"> No 24/7 Customer Support | 10/10 Read review | Open Account |
|  darwinex | FCA, CNMV | 0.1 pips + \$6/Lot commission | <ul style="list-style-type: none"> NO Trading Restrictions (No Max DD, No Monthly Target) Monthly Darwinex Seed Capital Allocation up to 350k NO Limit Investors Capital | <ul style="list-style-type: none"> Profit Split is 15% | 10/10 | Open Account |
|  fpmarkets | FSCA, FSA, ASIC, CySEC | 0.1 pips + \$0/Lot commission | <ul style="list-style-type: none"> Leverage 500:1 in FSA, 1:30 CySEC Customer support 24/7 (multiple languages) MT4, MT5, cTrader, TradingView Copy Trading system | <ul style="list-style-type: none"> Higher CFD fees on some stocks | 10/10 Read review | Open Account |

THE BROKERS

Before you start trading, you need to select a regulated broke, to ensure your funds will be safe.

Here are a few of the brokers we use:.

1. [BlackBull Markets](#)

2. [FXView](#)

3. [Eightcap](#)

4. [FPMarkets](#)

5. [Darwinex](#)

If you want to learn more about the different regulations and features they offer, visit the [Brokers' Page](#) that we created for our students.



FOREX REGULATIONS

By Petko Aleksandrov

UNDER WHICH REGULATORY BODY IS YOUR BROKER GOVERNED?

When choosing a trading broker, there are some fundamentals to keep in mind – low spread, commissions, swap fees. But the single most important thing to be aware of is the regulation of the broker.

The Forex regulator should be clearly displayed on the broker's website. Usually, you will find it at the bottom of their homepage.

To save you time, and simplify the process, we have prepared a list with the Top 5 Regulatory bodies:

WHICH ARE THE TOP 5 REGULATORY BODIES?

**COMMODITIES FUTURES TRADE
COMMISSION (CFTC)**

NATIONAL FUTURES ASSOCIATION (NFA)

**UK'S FINANCIAL CONDUCT AUTHORITY
(FCA)**

**THE SWISS FINANCIAL MARKET
SUPERVISORY AUTHORITY ('FINMA')**

**CYSEC (CYPRUS SECURITIES AND EXCHANGE
COMMISSION)**



THE LEVERAGE IS MORE LIMITED IN THE EU:

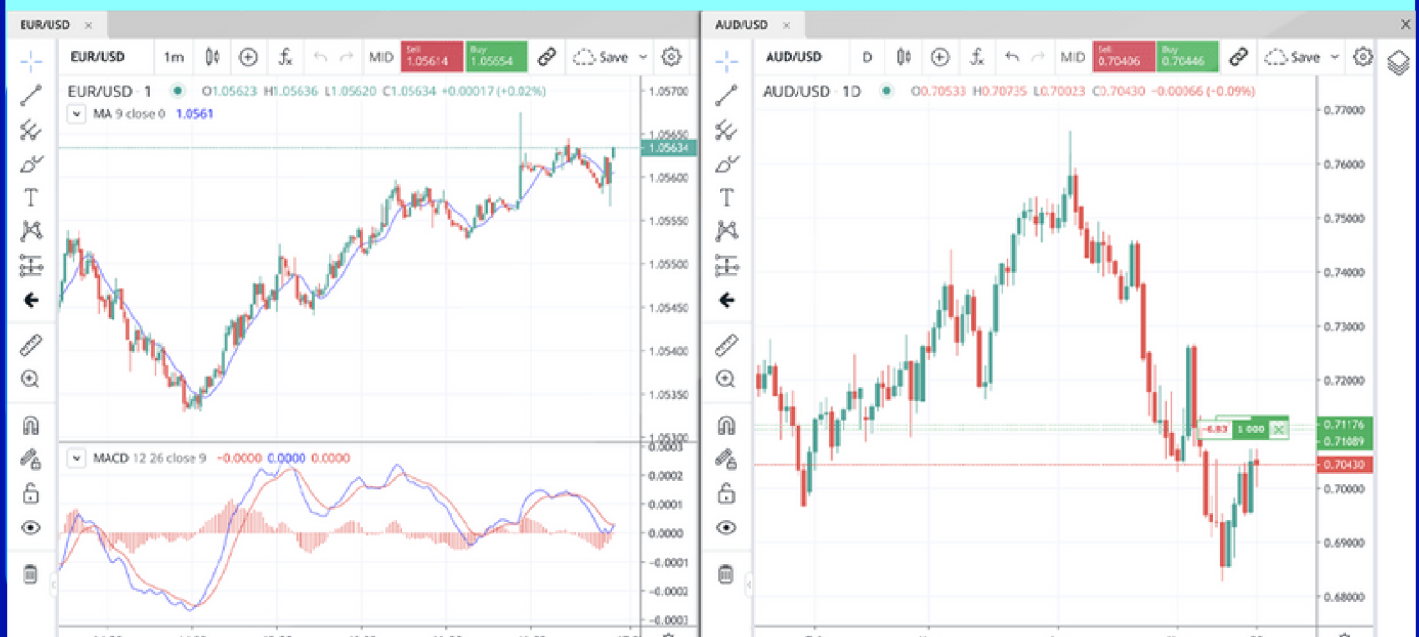


DIFFERENT PLAFROMS FOR ALGO TRADING

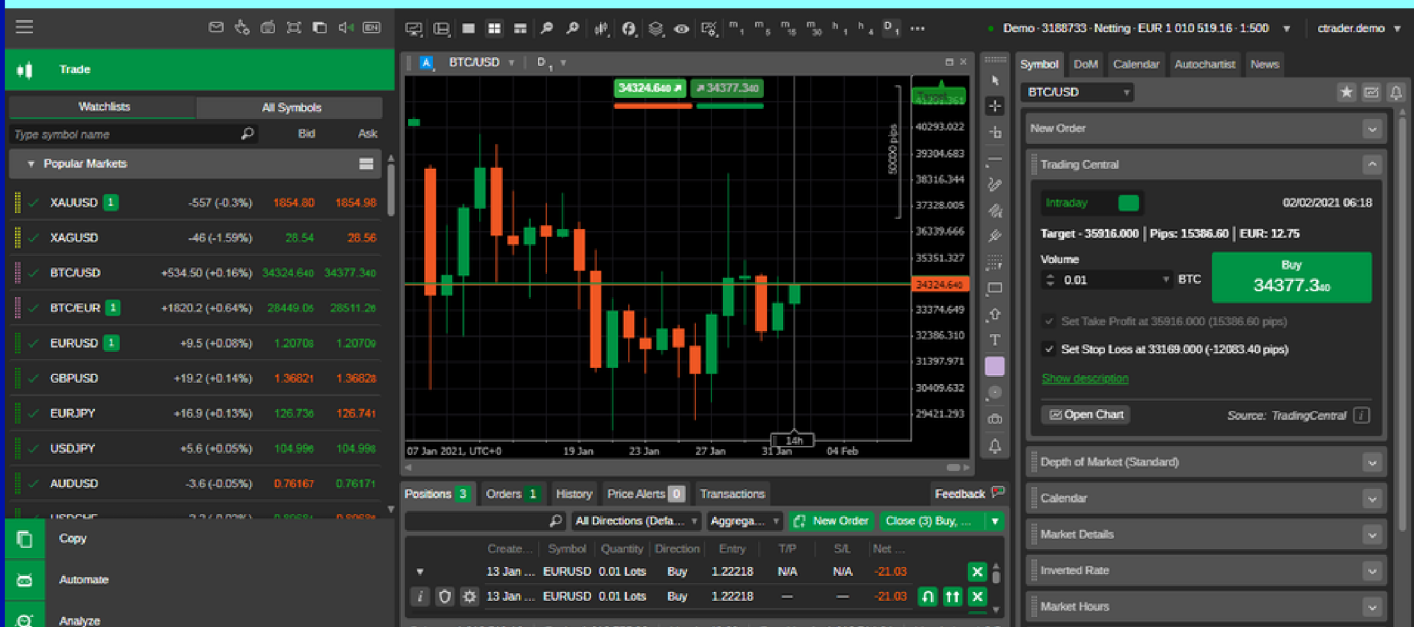
MetaTrader



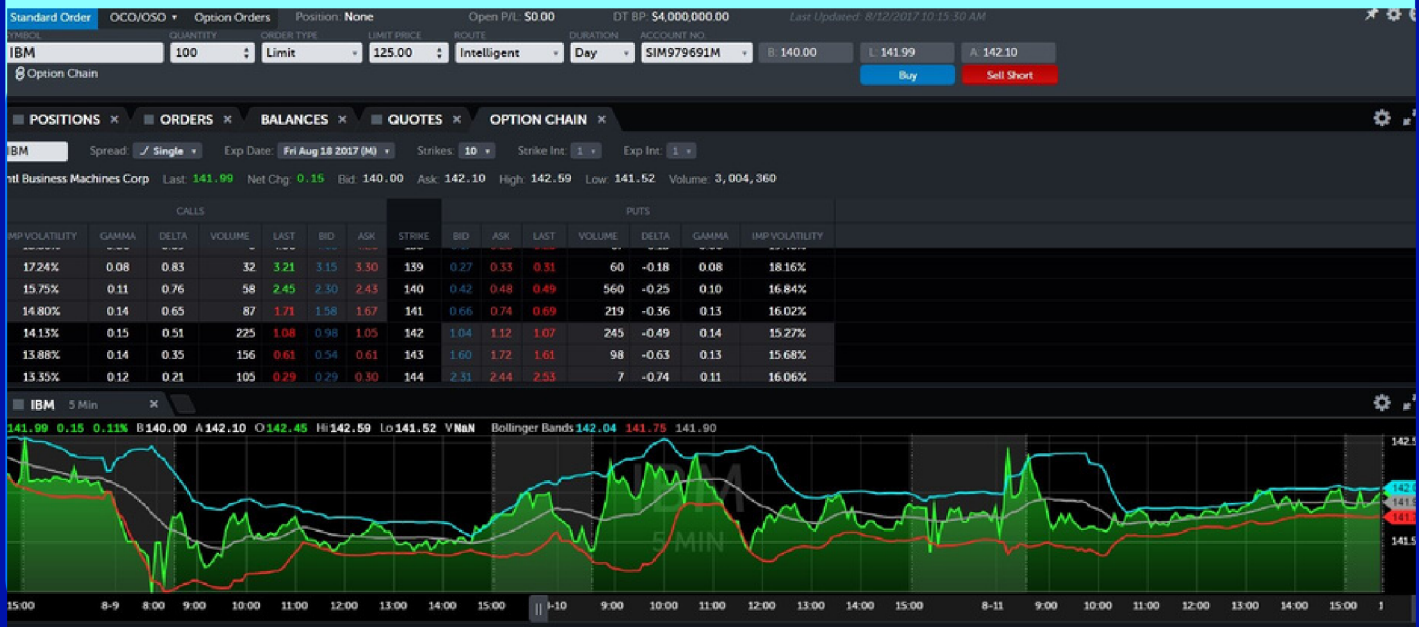
TradingView



CTrader



TradeStation



THE MOST COMMON AND TRUSTED
PLATFORM FOR ALGO TRADING
AND EXPERT ADVISORS(ROBOTS)

METATRADER



FOREX TRADING PLATFORM

By Petko Aleksandrov

Select the Broker

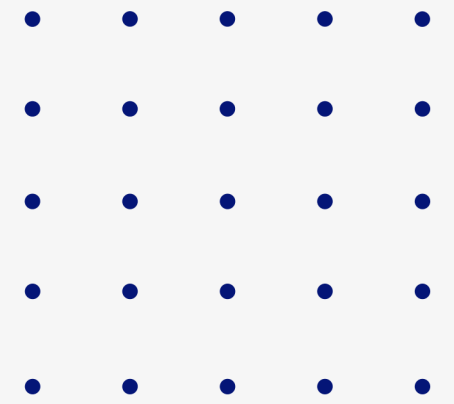
MT4 or MT5

MAC/Windows

Install

How to install MetaTrader?

Once you select the broker, visit their website/dashboard and download MT4 or MT5 according to the operating system you're running.



METATRADER 4

The MT4 system is an institutional-grade platform, perfect for all traders. With its user-friendly, highly customisable design, MT4 allows you to personalise your trading experience. MT4 is packed with features such as interactive charts, technical indicators, and more. With BlackBull Markets, MT4 is enabled for forex, index, and commodity trading.

🍏 MAC 🖥️ WINDOWS 🤖 ANDROID

INTRODUCTION

METATRADER

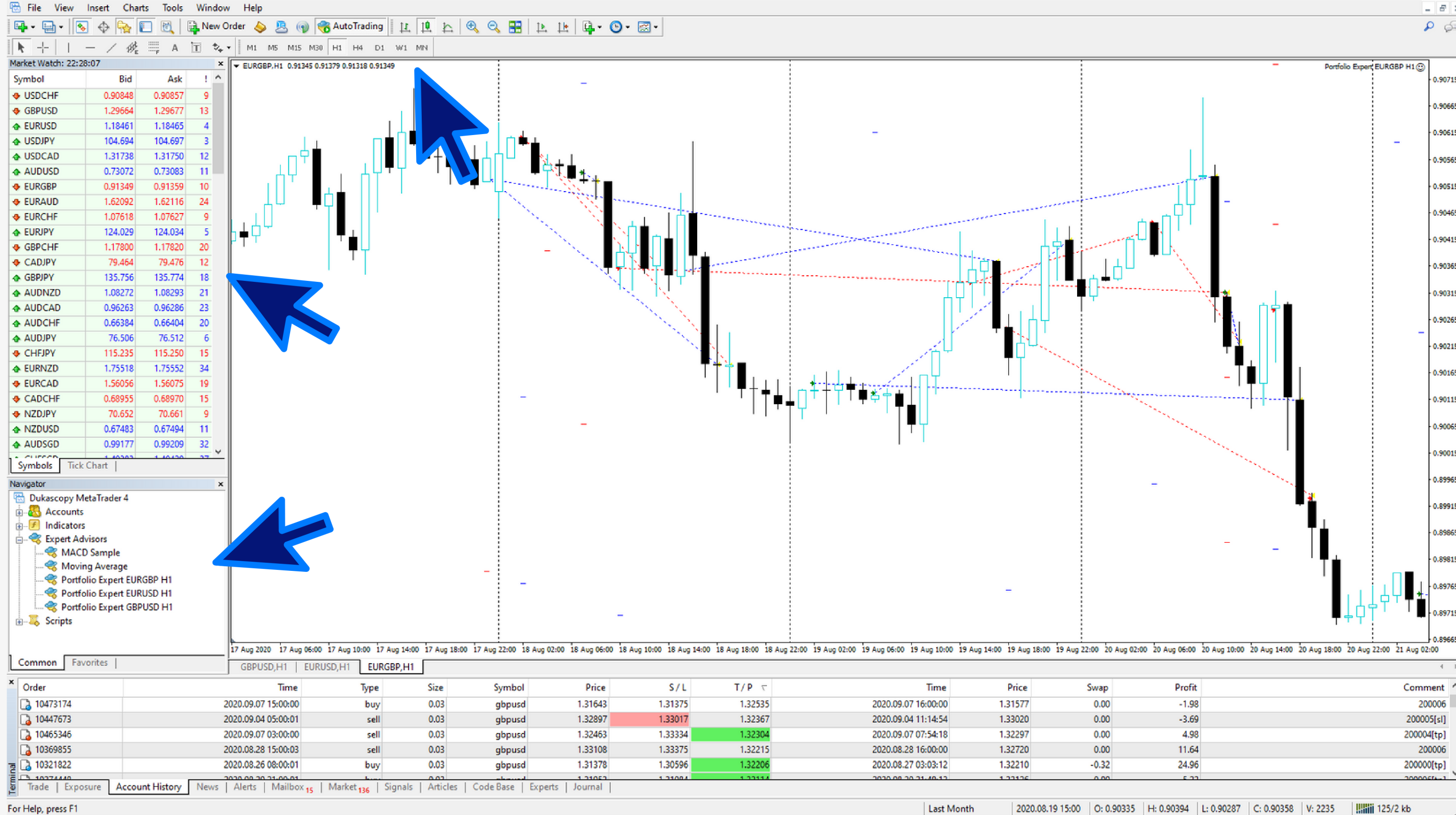
MetaTrader is the most common platform in the Forex market. It is provided by most regulated brokers, and is free for their clients.

Best of all — we can trade with Expert Advisors on them!

MetaTrader is similar to all trading platforms, so it will be easy for you to start using it.

There is a web version of the platform, but if you want to use Expert Advisors, you will need to install it on your computer, laptop or a VPS.



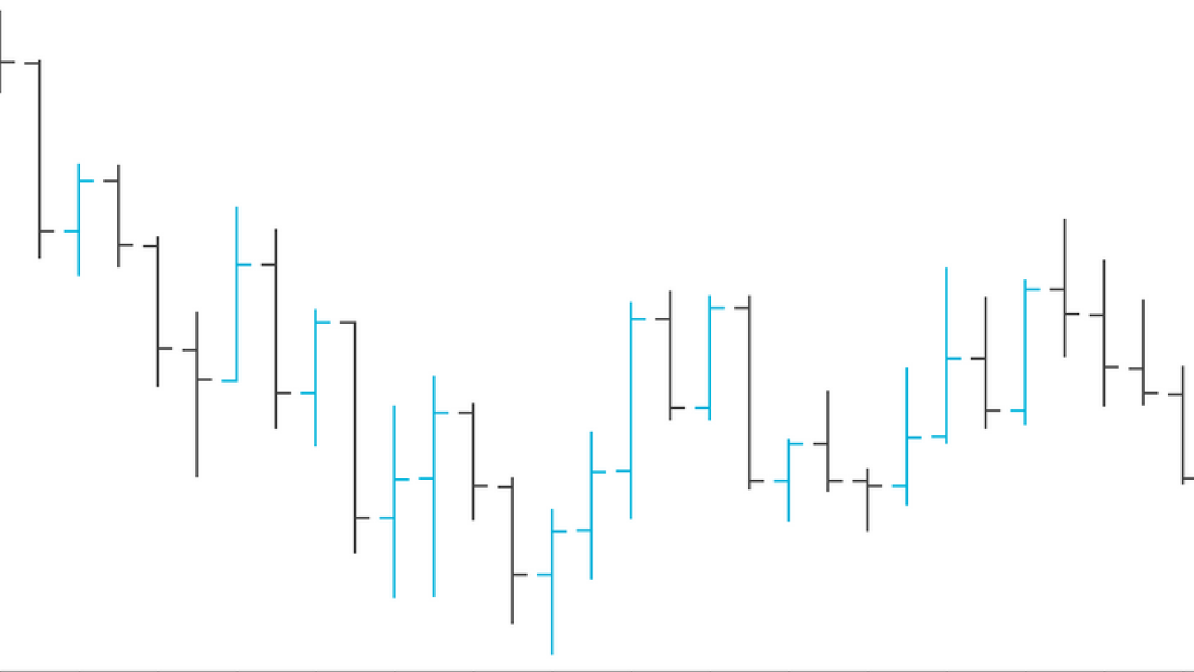


NAVIGATION

On the bar above the chart, you will find different drawing tools, time frames and chart types.

The tradeable assets are on the left side, in the box called Market Watch.

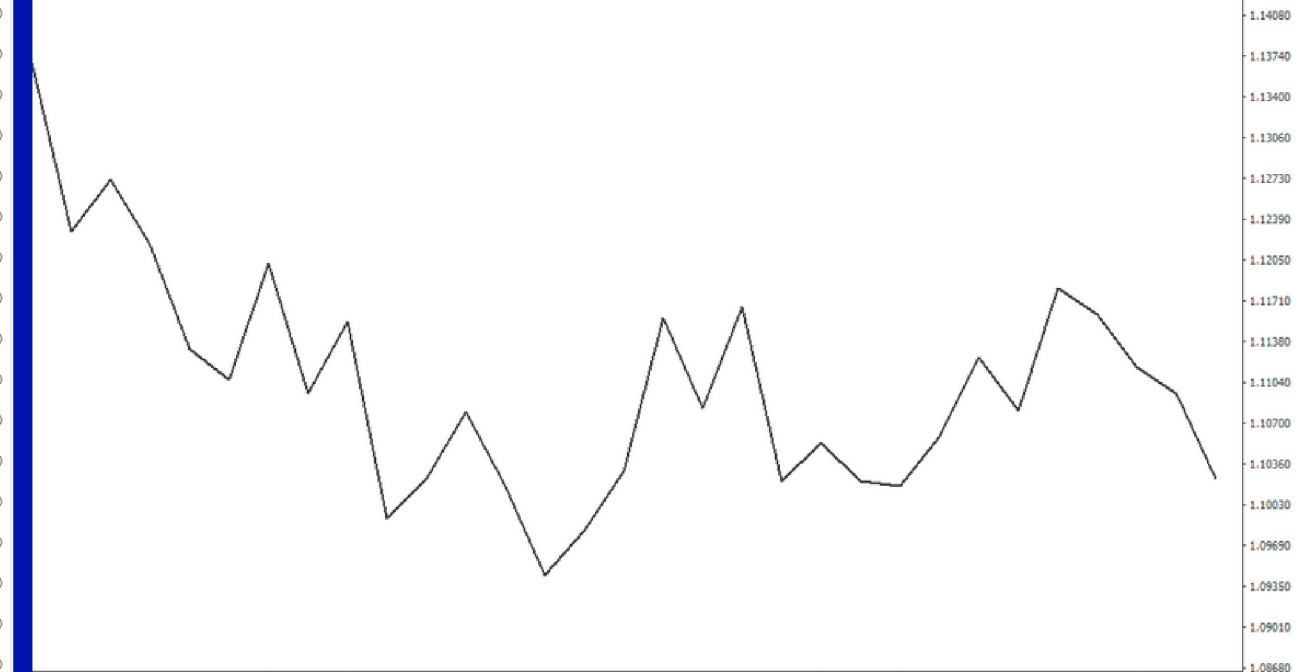
In the Navigator window, you have access to your Accounts, Expert Advisors, Indicators, and Scripts.



BARS



CANDLESTICKS



LINES

TYPES OF CHARTS

When you trade with Expert Advisors, it does not matter which chart type you use. The charts represent the price and time. When the price moves, it forms different candlesticks or bars, and each one represents a time period.

Traders use candlesticks and different pattern formations to analyze the market. The purpose is to predict price movements.

In algorithmic trading, the candlesticks form the Historical data, and this is what we use to create our strategies.



BAR CHART

The bars represent a certain period of time. If we are on the Daily time frame, one bar is 24 hours. There are four values in every bar:

High — the highest price reached during a 24 hour period

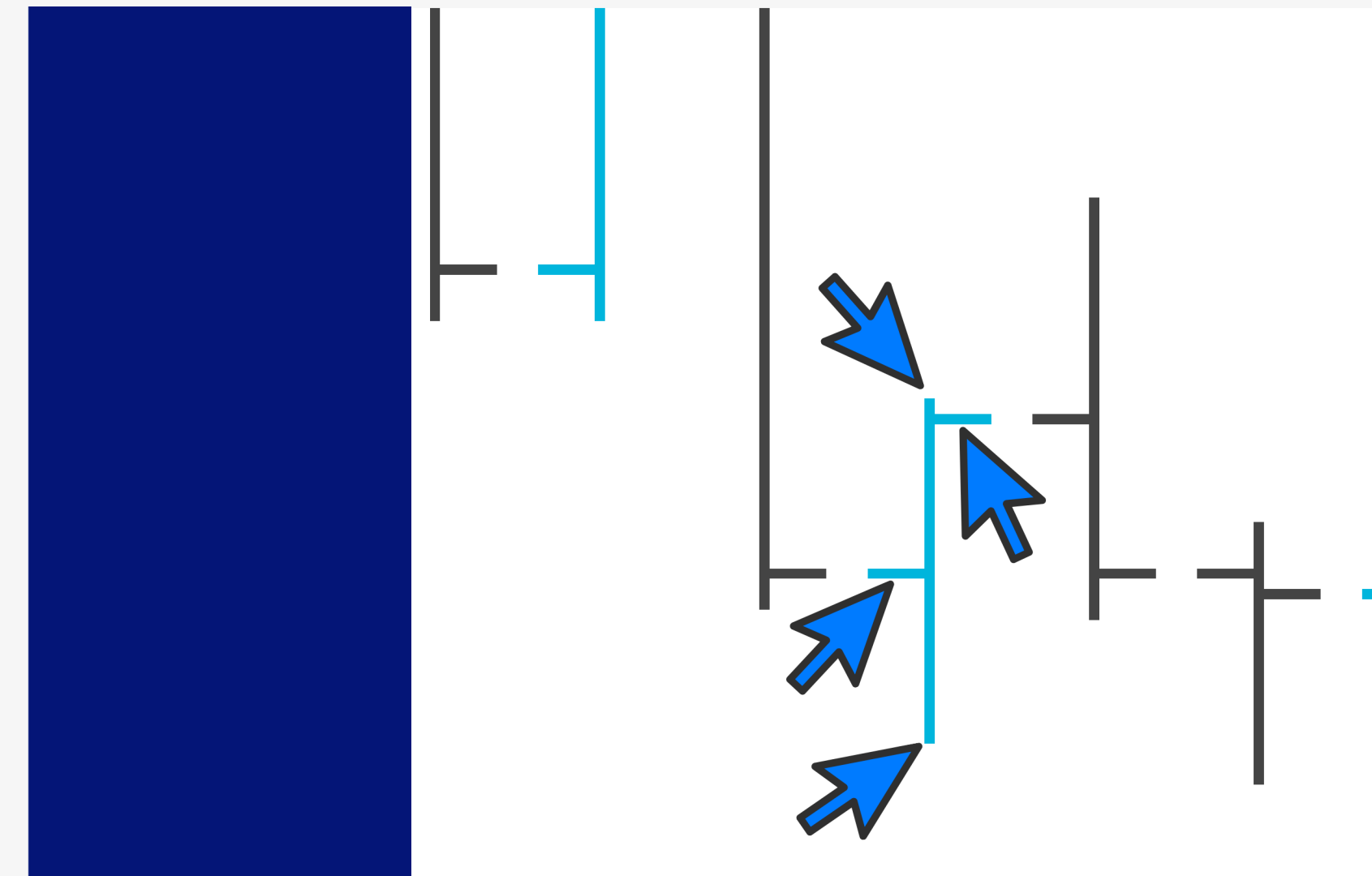
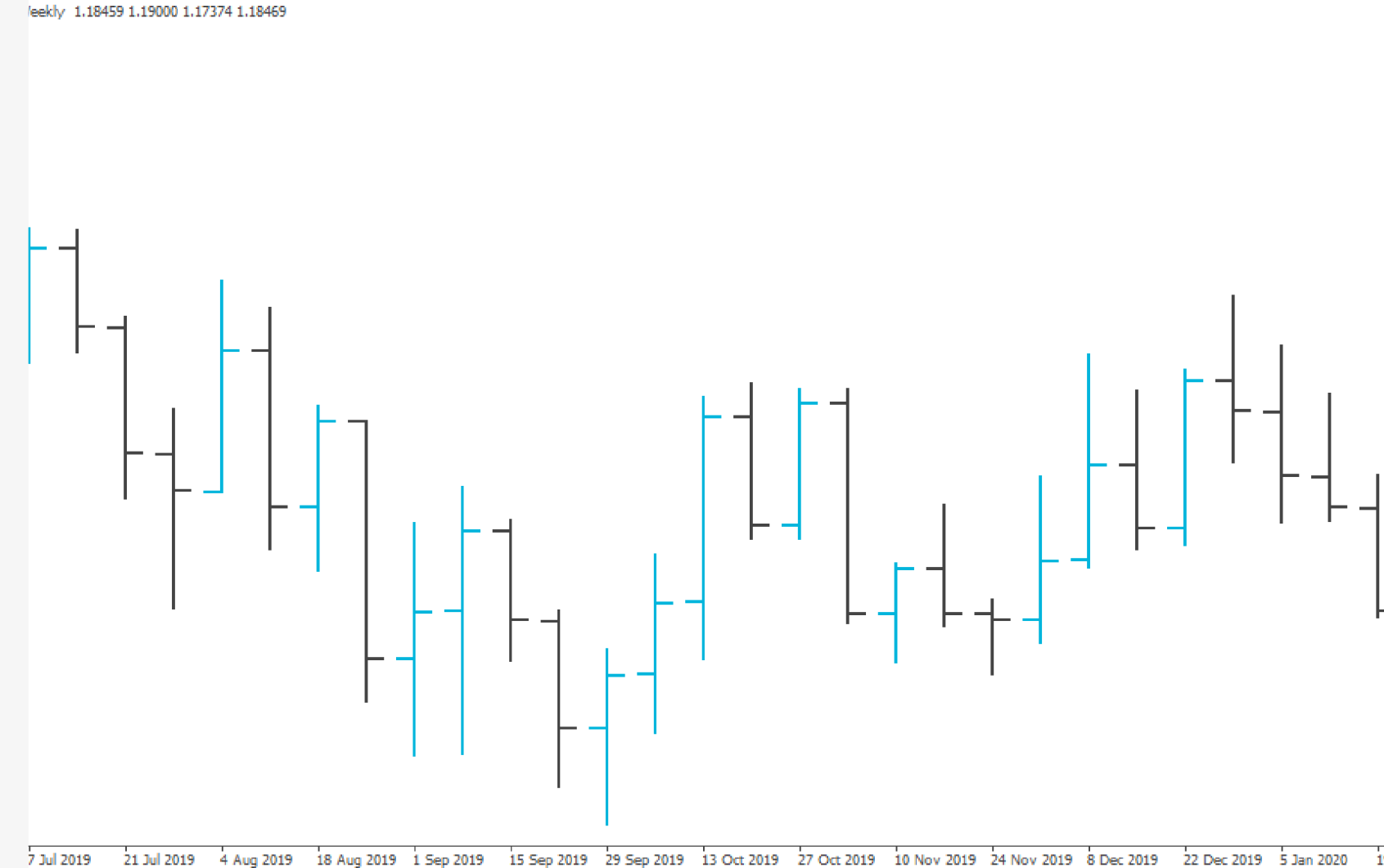
Close — the price at which the bar closed/finished

Open — the price at which the bar opened/started

Low — the lowest price reached during the 24 hour period

The bars are displayed with vertical and horizontal lines.

The vertical line illustrates "how big the bar is". This is the distance between the Low and the High. Normally this value is measured in pips. The small horizontal line on the left side shows the opening of the bar. The small horizontal line on the right side shows the closing of the bar.





CANDLESTICK CHART

Very similar to the bar chart, we have the four values - High, Close, Open, and Low, but the difference is that the distance between the Open and the Close is filled. It is called the body of the candlestick.

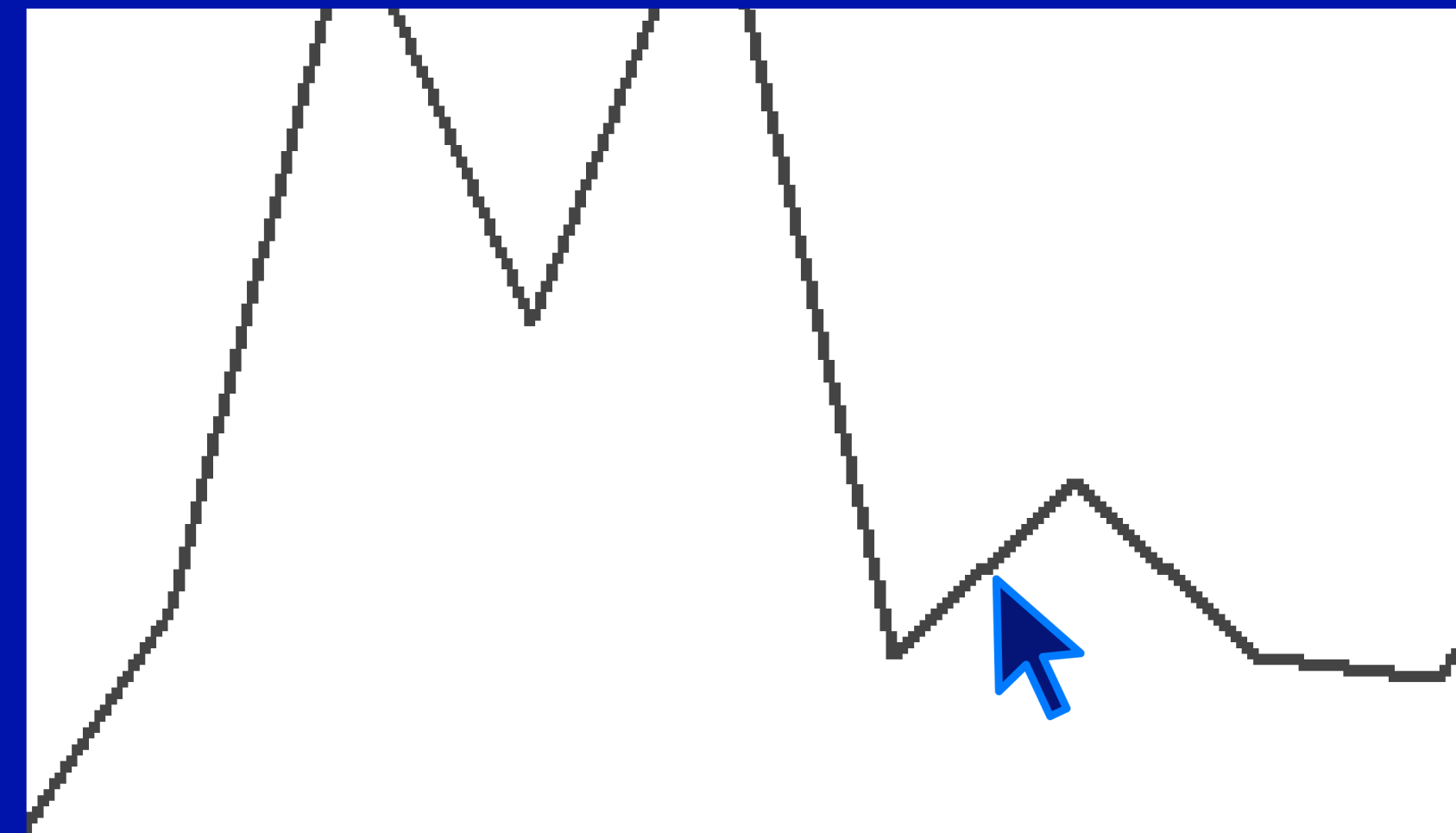
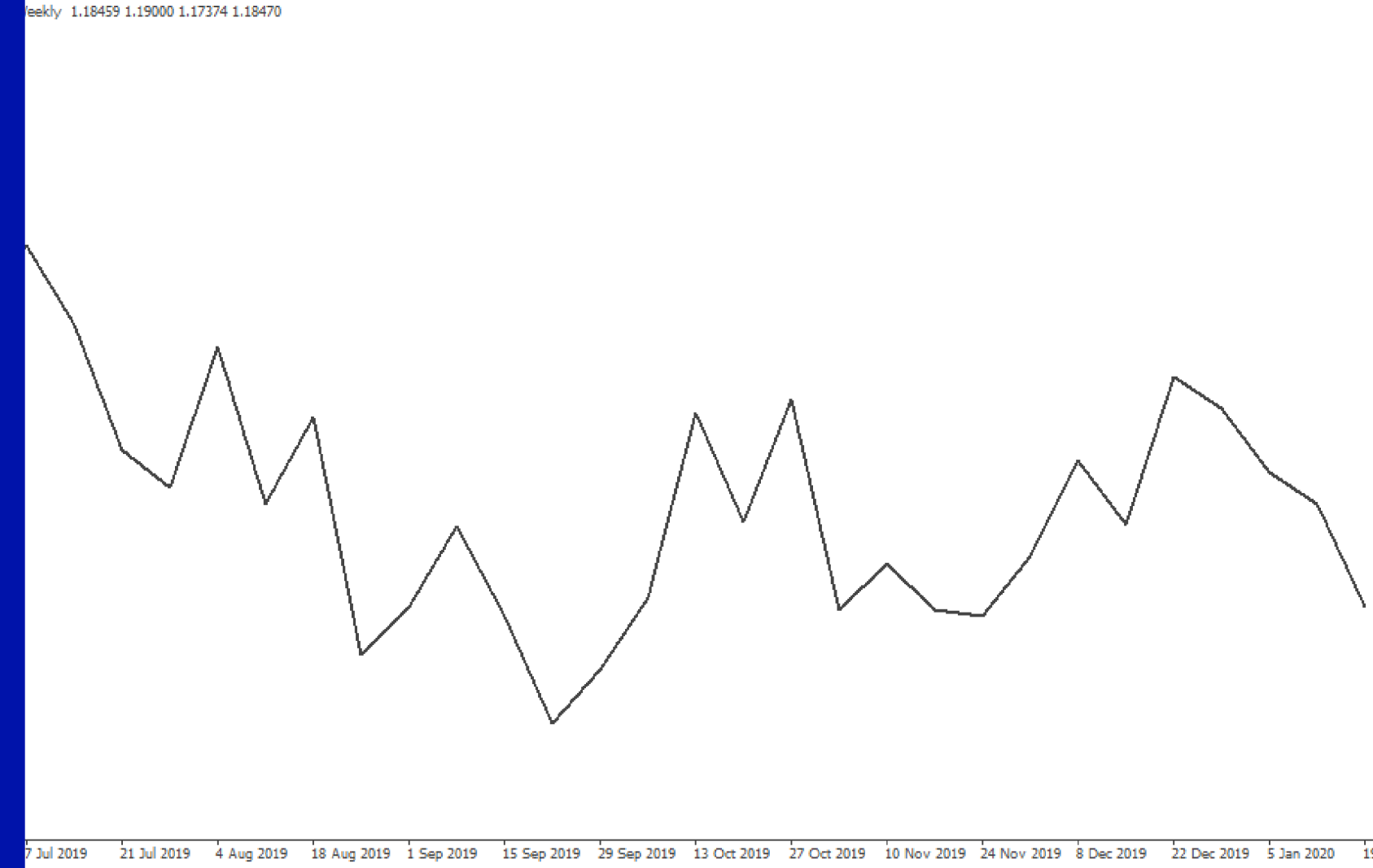
Candlesticks are most popular because they show more visually if the day is positive or negative.

You can see the exact values for the High, Close, Open, and Low by putting the mouse on the closing of the bar (without clicking). They will display in a small yellow box.

LINE CHART

The line chart is formed by connecting the Close points of every bar. It only shows the direction of the price, and it is not very useful for technical analyses.

However on a Daily chart, it gives us an idea of what the direction of the price is.



| Symbol | Bid | Ask | ! |
|-----------|---------|---------|----|
| 🔻 USDCHF | 0.90828 | 0.90838 | 10 |
| 🔼 GBPU\$D | 1.29777 | 1.29788 | 11 |
| 🔼 EURUSD | 1.18477 | 1.18482 | 5 |
| 🔻 USDJPY | 104.726 | 104.729 | 3 |
| 🔻 USDCAD | 1.31525 | 1.31537 | 12 |
| 🔻 AUDUSD | 0.73129 | 0.73139 | 10 |
| 🔻 EURGBP | 0.91283 | 0.91293 | 10 |
| 🔼 EURAUD | 1.61991 | 1.62010 | 19 |
| 🔼 EURCHF | 1.07612 | 1.07623 | 11 |
| 🔼 EURJPY | 124.081 | 124.088 | 7 |
| 🔼 GBPCHF | 1.17877 | 1.17894 | 17 |
| 🔻 CADJPY | 79.617 | 79.629 | 12 |
| 🔻 GBPJPY | 135.910 | 135.926 | 16 |
| 🔻 AUDNZD | 1.08262 | 1.08288 | 26 |
| 🔻 AUDCAD | 0.96182 | 0.96203 | 21 |
| 🔼 AUDCHF | 0.66424 | 0.66437 | 13 |
| 🔻 AUDJPY | 76.589 | 76.594 | 5 |
| 🔻 CHFJPY | 115.295 | 115.309 | 14 |
| 🔼 EURNZD | 1.75396 | 1.75429 | 33 |
| 🔼 EURCAD | 1.55827 | 1.55843 | 16 |
| 🔻 CADCHF | 0.69053 | 0.69068 | 15 |
| 🔻 NZDJPY | 70.730 | 70.740 | 10 |

MARKET WATCH

In the Market Watch, we see the assets we can trade with the broker. If you do not see many, right-click on any of the assets and select Show All.

This will show you all assets provided by the broker. Two columns are showing - the Bid and the Ask price.

When we buy an asset, we buy it on the Ask price, And when we close the position, we will close it on the Bid price. When we sell an asset, we sell in on the Bid price. And when we close the position, we will close it on the Ask price.

When selecting a trading broker, especially for algorithmic trading, look for brokers with lowest spreads for the assets.

If you want to constantly monitor the Spread, you can right-click over any asset in the Market Watch and select Spread.

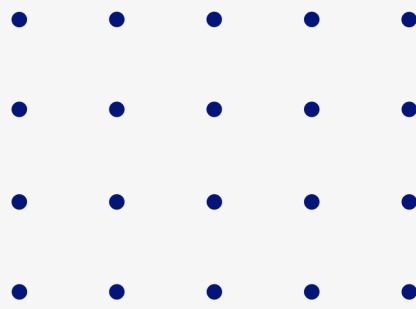
How to place the EAs onto MetaTrader

Download the zip file and unzip it.

You will find the Expert Advisor(s) with the source code.

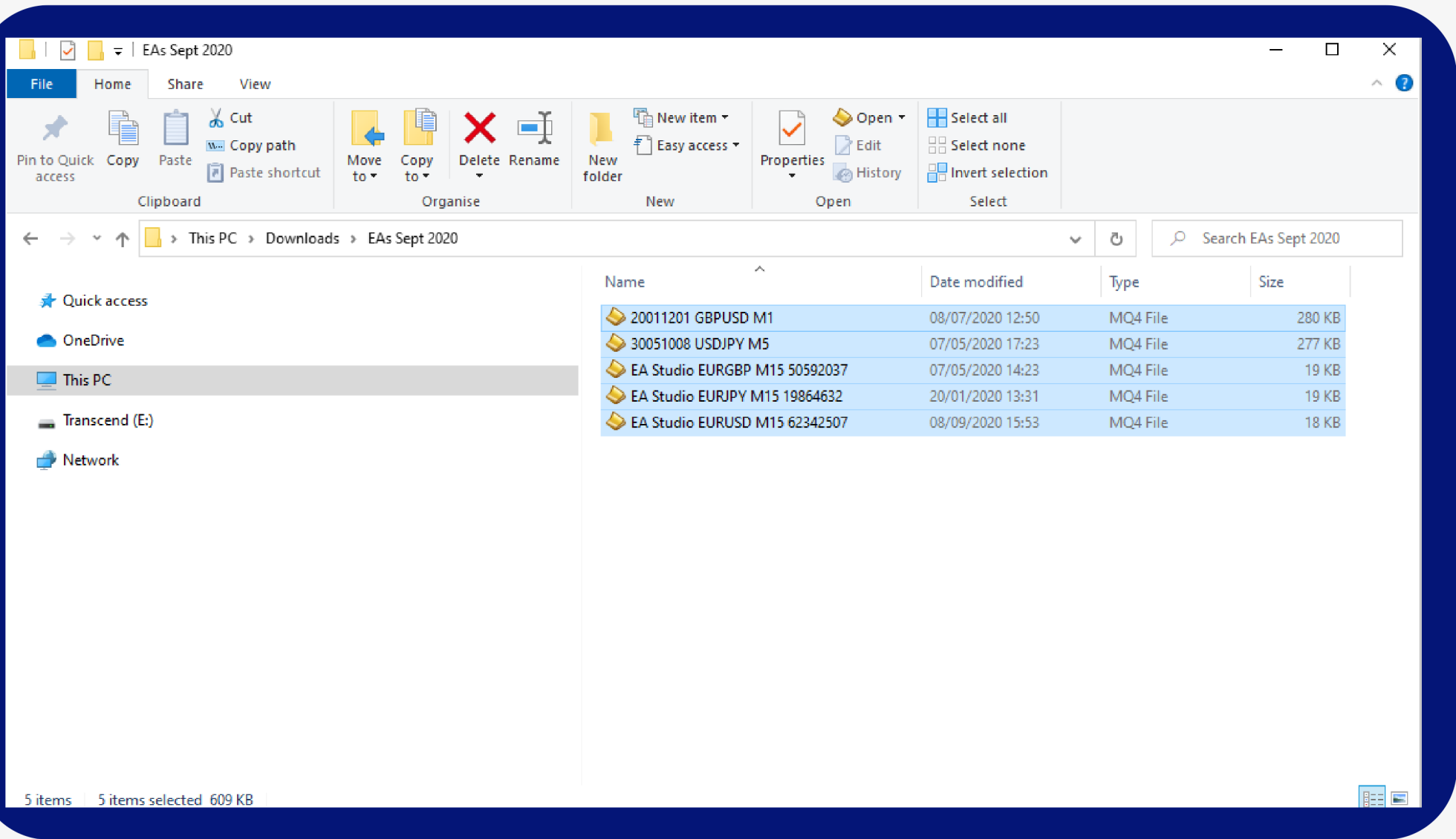
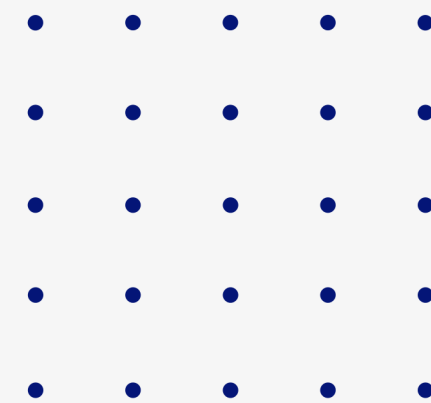
Follow the steps in the next pages to place the EAs onto your platform correctly.





Copy the EAs

If you're using MT4, you'll need to copy the EAs with MQ4 file extensions, and if you're using MT5, you'll need top the EAs with MQ5 file extensions.

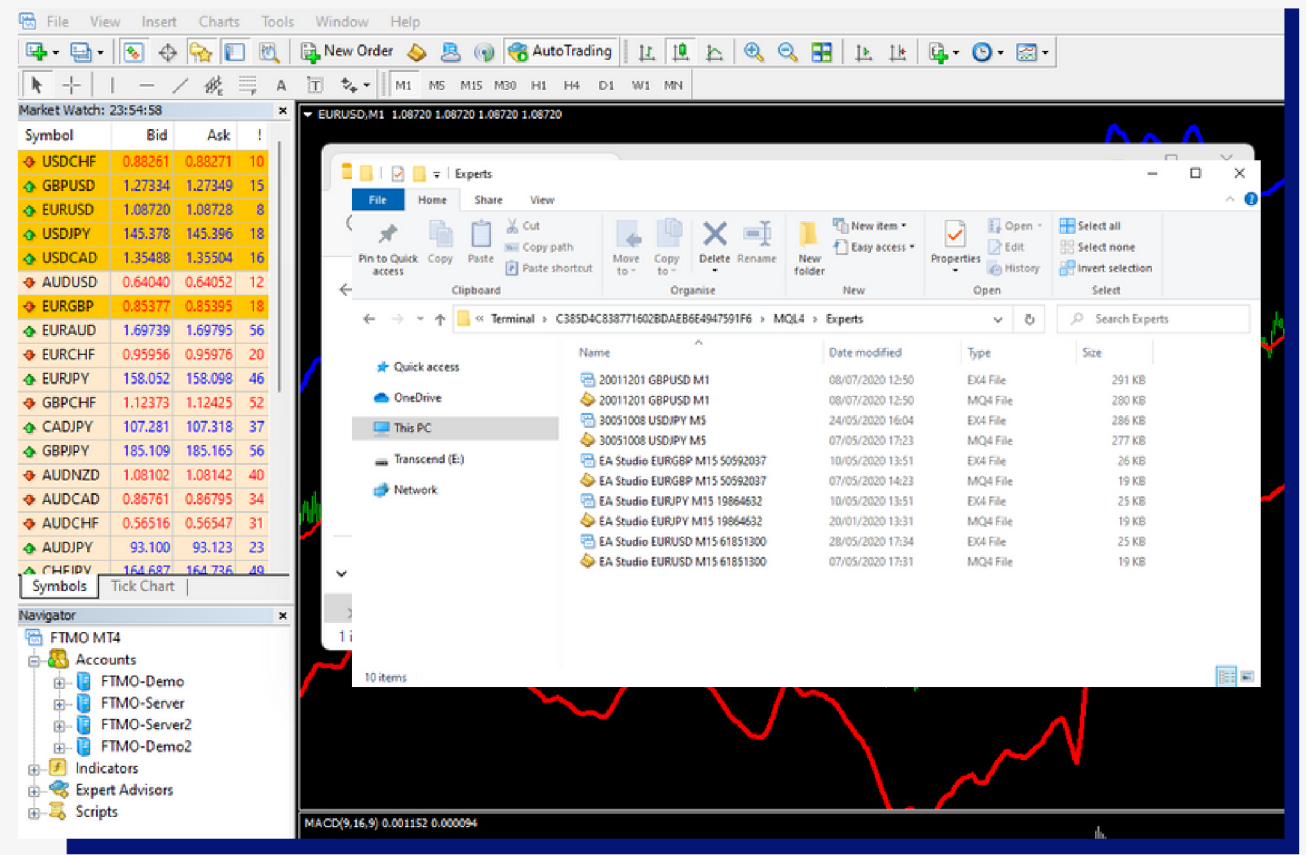
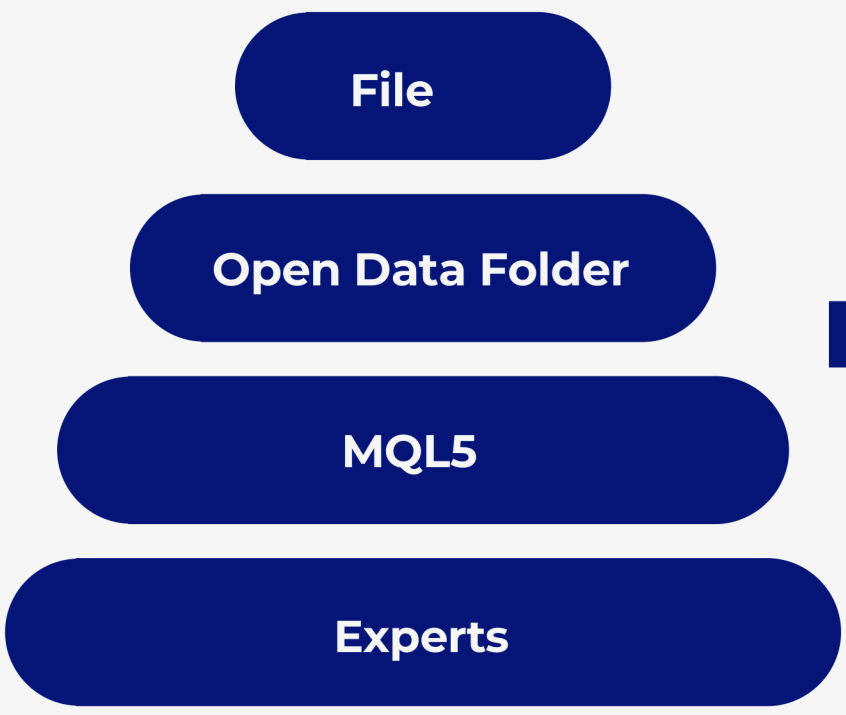
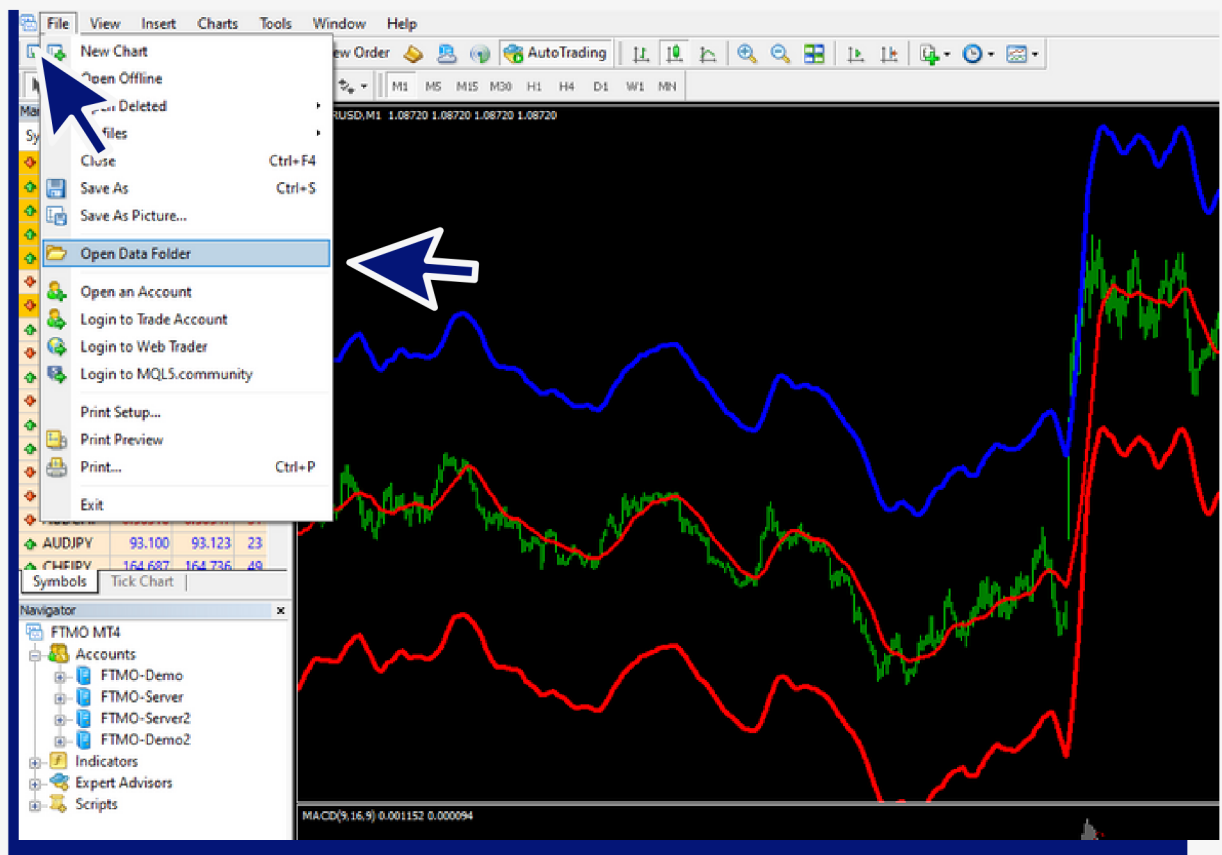
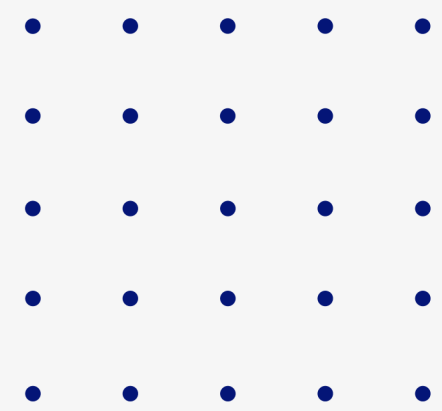


Paste the EAs on MetaTrader

On your MetaTrader platform, go to:

File -> Open Data Folder -> MQL4 -> Experts.

Paste the Expert Advisors in this folder and close it.



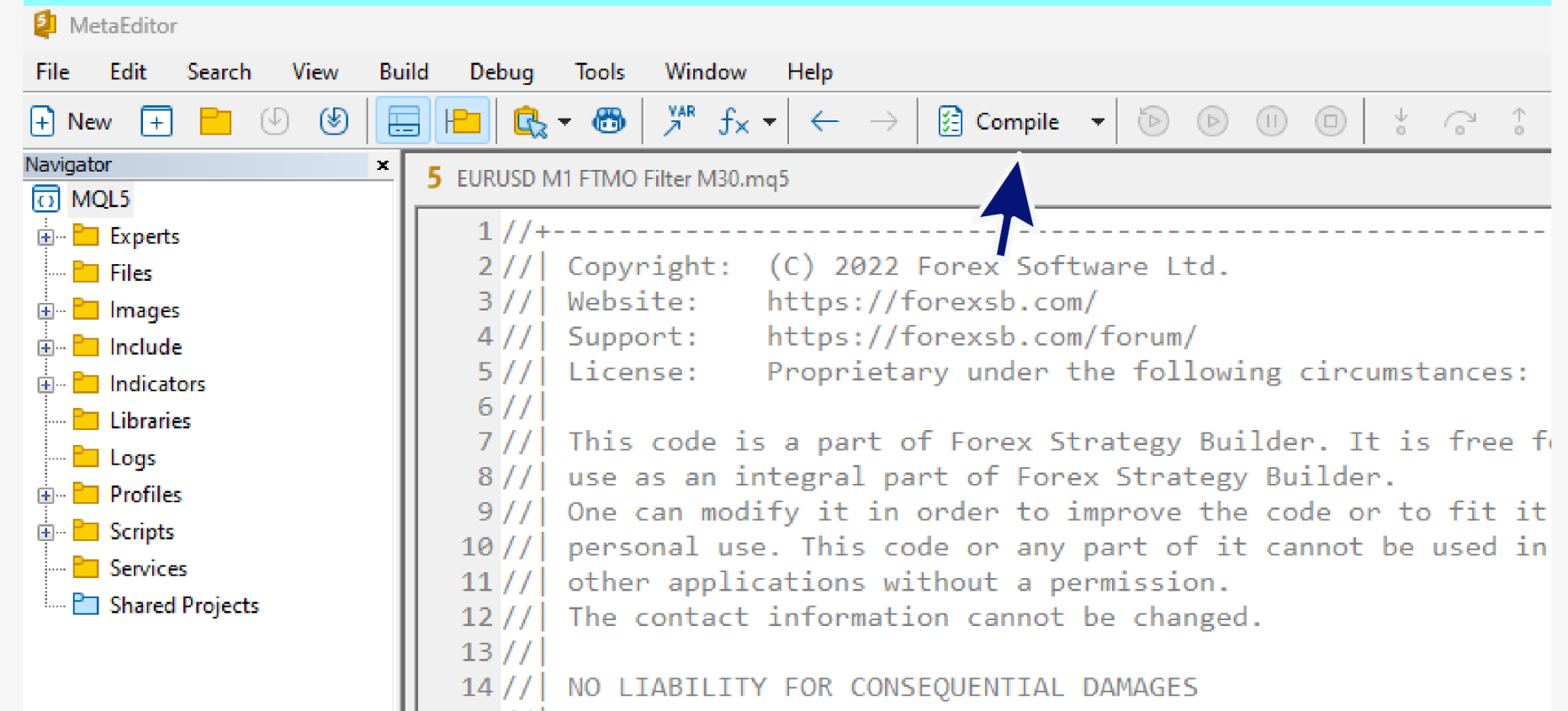
MetaTrader 4



"Refresh" trick

- Go to the Navigator (Below the Market Watch)
- Right-click over the Expert Advisors tab
- Click on Refresh
- The MT4 will compile the EAs and you will see them listed below

MetaTrader 5



Compile from MetaEditor

- Double-click each Expert Advisor in the Experts Folder
- MetaEditor will open
- Click on Compile
- The EAs will become visible in the Navigator

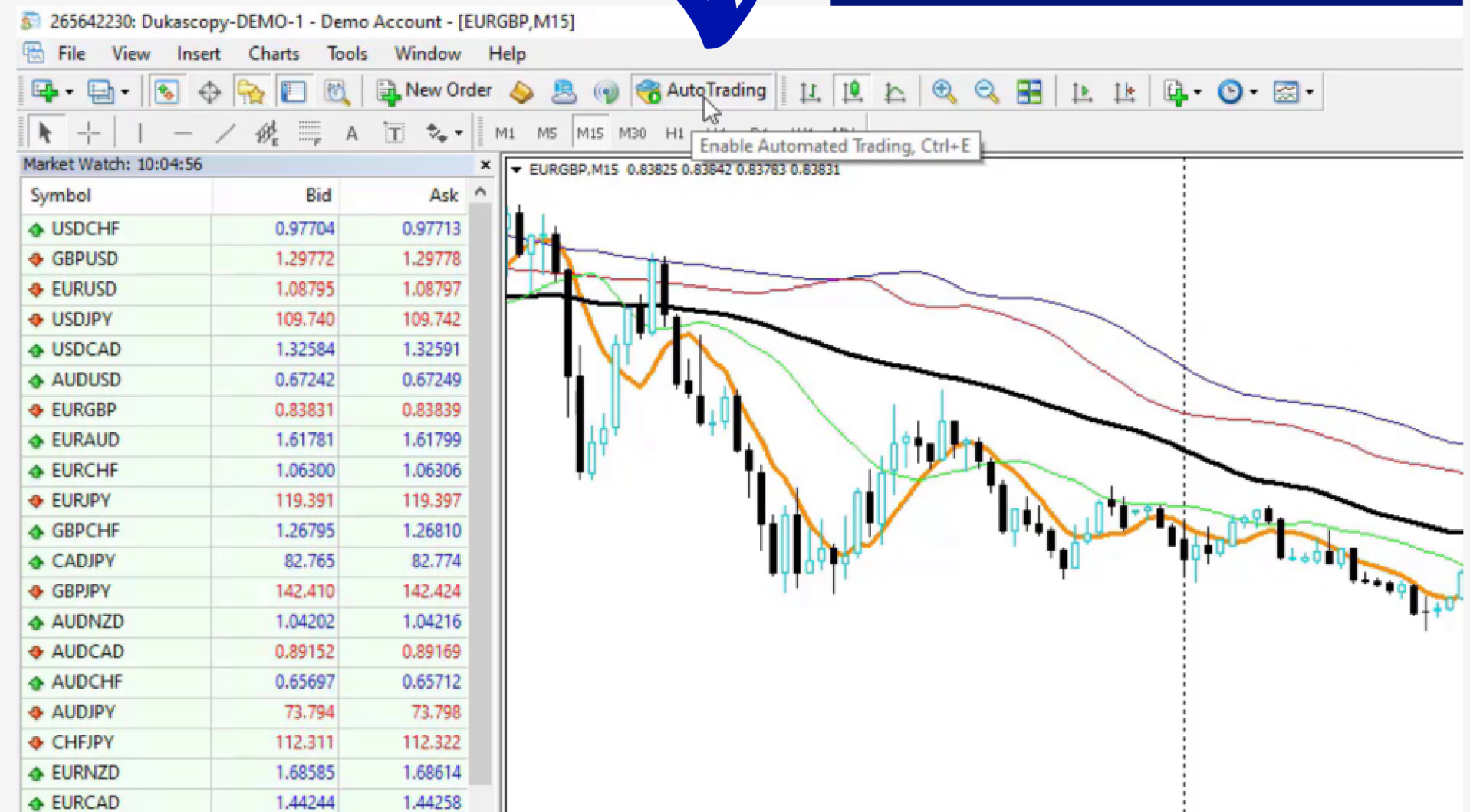
Enable AutoTrading

You must enable AutoTrading (MT4) or AlgoTrading (MT5) before placing the EAs onto the chart.

Click on the AutoTrading button to make it green

If your EAs are not opening trades, one of the most common reason is that AutoTrading was enabled **after** the EAs were attached to the chart. It won't work this way.

If you've done this, don't worry. Simply remove the EAs from the charts, enable AutoTrading, and drag them back on.



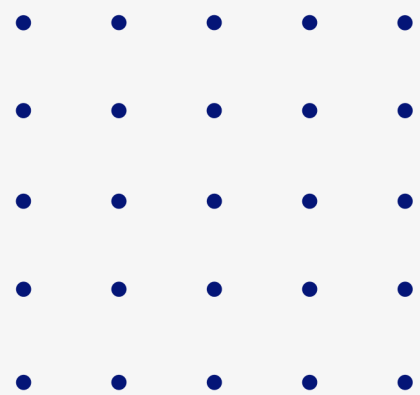
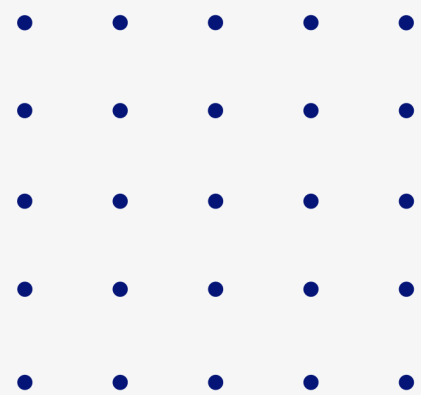
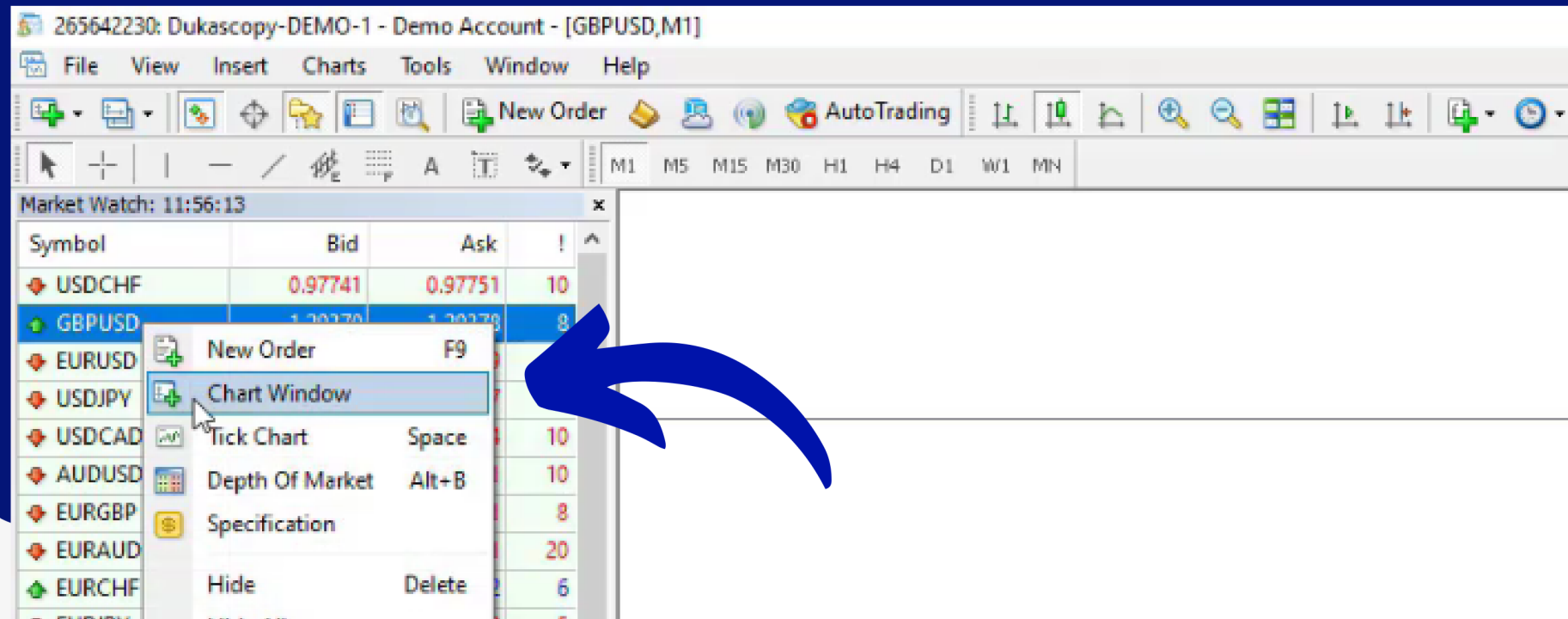
One chart, one EA

Open a new chart window for each EA

Each Expert Advisor must be placed on a separate chart window.

It is essential to place the EAs on the appropriate asset and time frame. For example, EURUSD EAs create for the M15 timeframe, must be placed on an EURUSD M15 chart.

You can open a new chart by right-clicking on the symbol in the Market Watch window and selecting Chart Window.



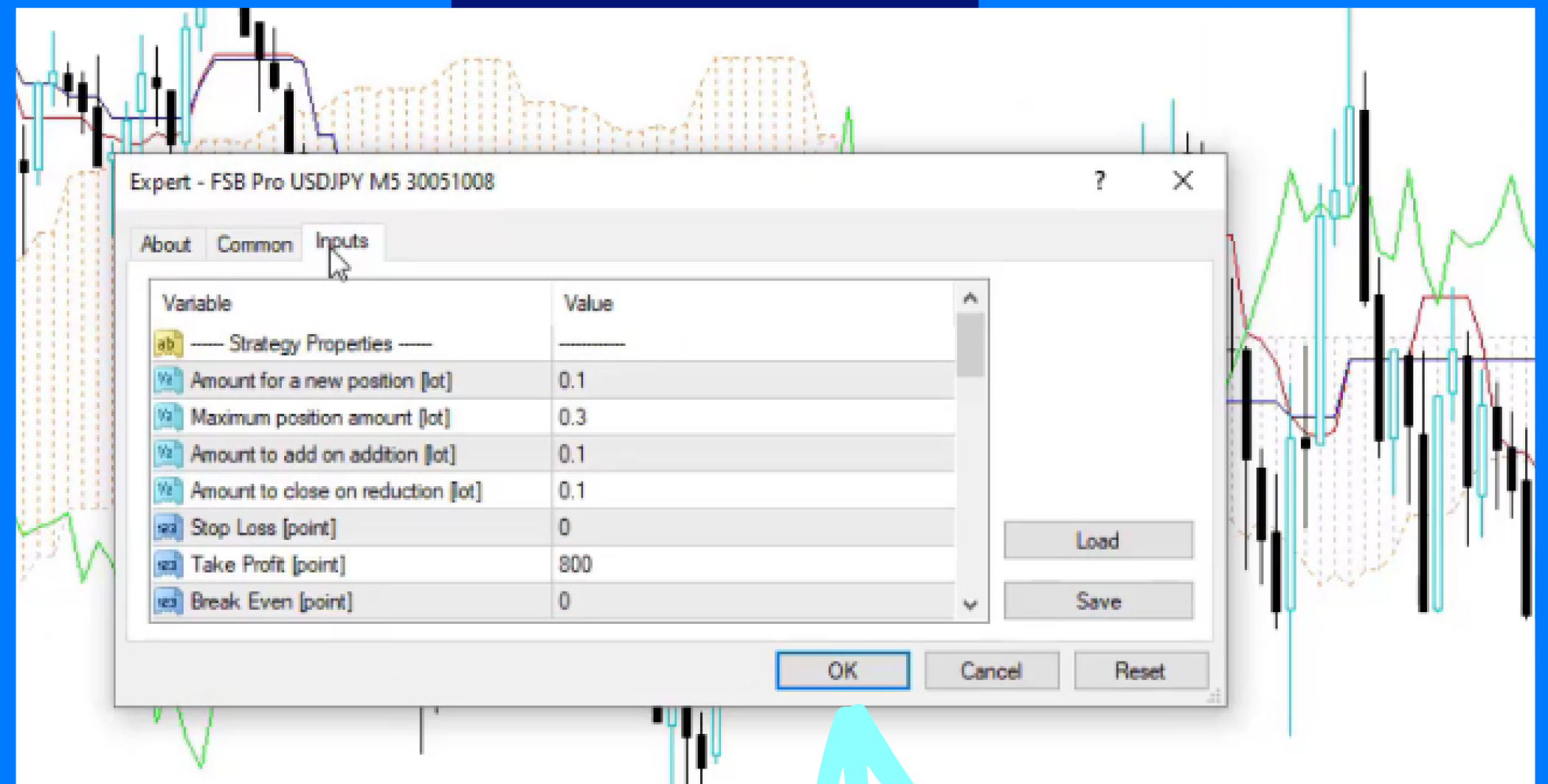
Attach the EAs

There are two ways to attach your EAs to the charts

From your Navigator Window:

- Drag the EA onto the chart
- Double-click on the EA

An EA window will pop up onto your chart. Click on OK and the Expert Advisor will be attached to the chart.



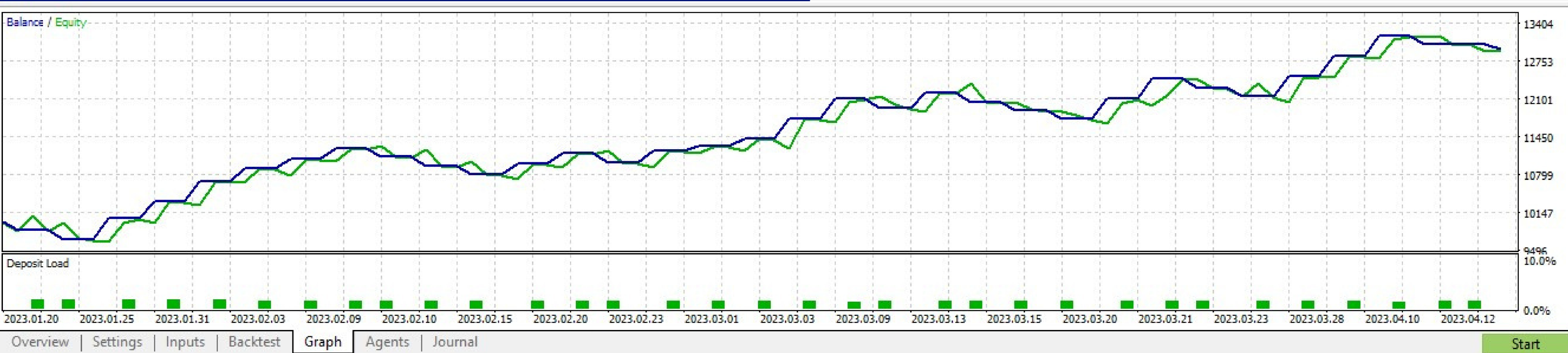
Ensure your EA is working

Look for the smiley face (MT4) or the Top hat (MT5) in the top right-hand corner

If you see a smiley face or top hat, your EA is working. And if it is a sad face, your EA is not working. If it's not working, make sure AutoTrading is enabled (before placing the EAs onto the chart.)



BACKTESTING EAs



**THE FIRST IMPORTANT STEP
IN ALGO TRADING**

The 65k limitation

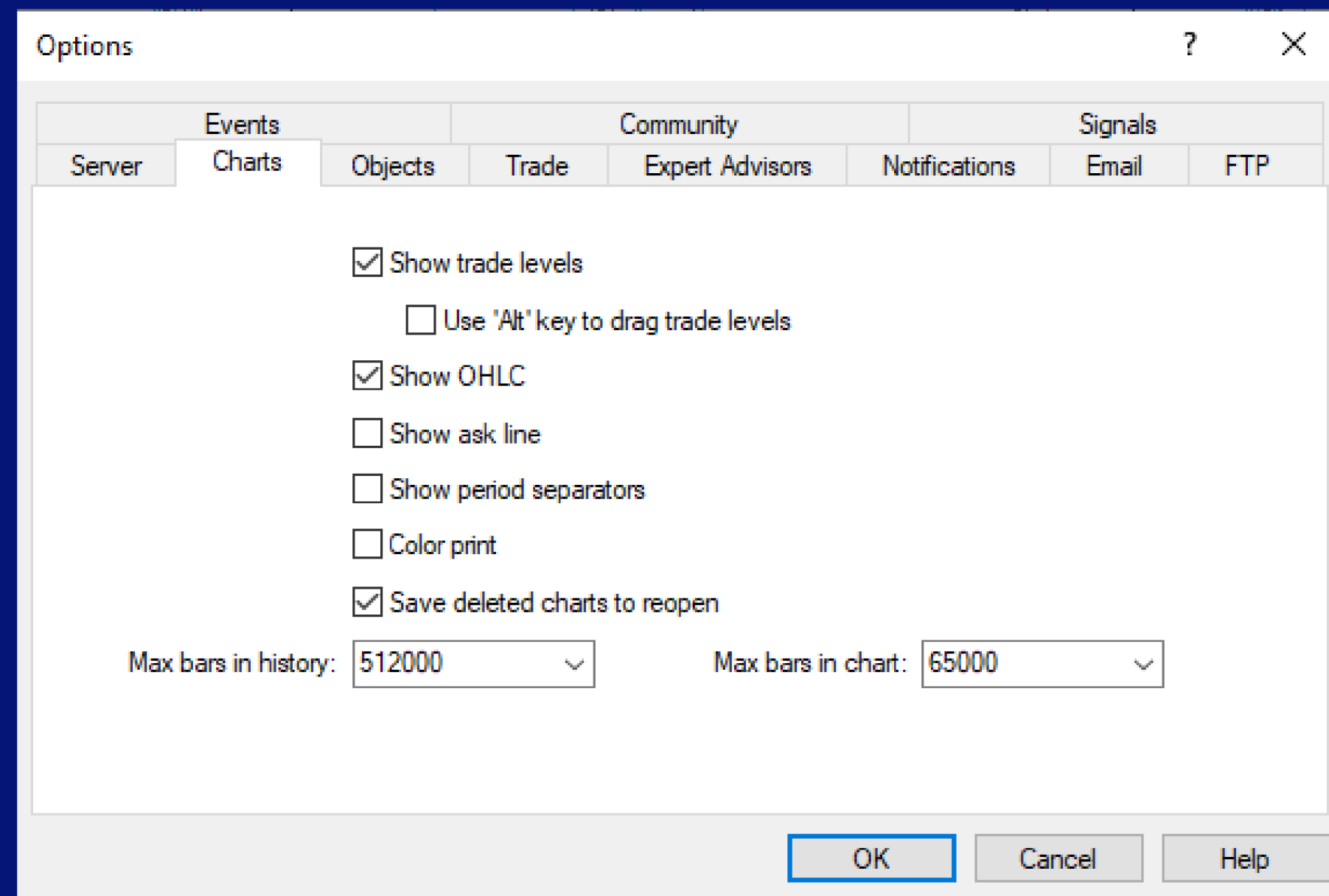
If you install the platform for the first time, you will, by default have a 65k limitation for the bars.

Go to **Tools — Options — Charts**

Change the Max bars in history & Max bars in chart to 999999999999999, and press OK.

Press the **Home key** one more time to load the bars beyond that 65k.

If you repeat that process every month, for example, and you do this for all assets and time frames you trade, and press the Home key to load the most recent Historical data, you will always have the maximum available historical data for the asset



WHAT MATTERS WHEN BACKTESTING EAS

The Asset and the period

Select the symbol and the timeframe.

Backtest the Expert Advisors for as long as your broker's data allows (Entire History). The recent performance is the most important.

Modelling

Open prices only - if the EA works on the opening of the bar (EA Studio strategies)

Control points - the EA opens trades during the bar (FSB Pro strategies)

Every tick - use this model only if the broker provides tick data

Expert: IDE

Symbol:

Date:

Forward:

Delays: select a delay to emulate slippage and requotes during trade execution

Modelling: ☐ profit in pips for faster calculations

Deposit: leverage

BACKTEST RESULTS

| | | | | | | | |
|------------------|----------------|----------------------------|----------------|--------------------------|----------------|---------|-------|
| History Quality | 100% | <div></div> | | | | | |
| Bars | 1332 | Ticks | 5272 | Symbols | 1 | | |
| Initial Deposit | 10 000.00 | | | | | | |
| Total Net Profit | 2 975.30 | Balance Drawdown Absolute | 302.60 | Equity Drawdown Absolute | 326.90 | | |
| Gross Profit | 5 012.80 | Balance Drawdown Maximal | 453.70 (3.72%) | Equity Drawdown Maximal | 700.20 (5.65%) | | |
| Gross Loss | -2 037.50 | Balance Drawdown Relative | 4.03% (453.60) | Equity Drawdown Relative | 5.65% (700.20) | | |
| | | | | | | | |
| Profit Factor | 2.46 | Expected Payoff | 90.16 | Margin Level | 4978.95% | | |
| Recovery Factor | 4.25 | Sharpe Ratio | 4.34 | Z-Score | -1.31 (80.98%) | | |
| AHPR | 1.0081 (0.81%) | LR Correlation | 0.96 | OnTester result | 0 | | |
| GHPR | 1.0079 (0.79%) | LR Standard Error | 259.87 | | | | |
| | | | | | | | |
| Total Trades | 33 | Short Trades (won %) | 16 (50.00%) | Long Trades (won %) | 17 (64.71%) | | |
| Total Deals | 66 | Profit Trades (% of total) | 19 (57.58%) | Loss Trades (% of total) | 14 (42.42%) | | |
| | Largest | profit trade | 348.80 | loss trade | -151.40 | | |
| | Average | profit trade | 263.83 | loss trade | -145.54 | | |
| | Maximum | consecutive wins (\$) | 6 (1 563.00) | consecutive losses (\$) | 3 (-453.70) | | |
| | Maximal | consecutive profit (count) | 1 563.00 (6) | consecutive loss (count) | -453.70 (3) | | |
| | Average | consecutive wins | 3 | consecutive losses | 2 | | |
| | | | | | | | |
| Overview | Settings | Inputs | Backtest | Graph | Agents | Journal | Start |

Total Net Profit

(Gross Profit + Gross Loss)

The results depend on the amount you trade. The bigger the lot size, the bigger the profits and risk.

Balance Drawdown

The biggest loss

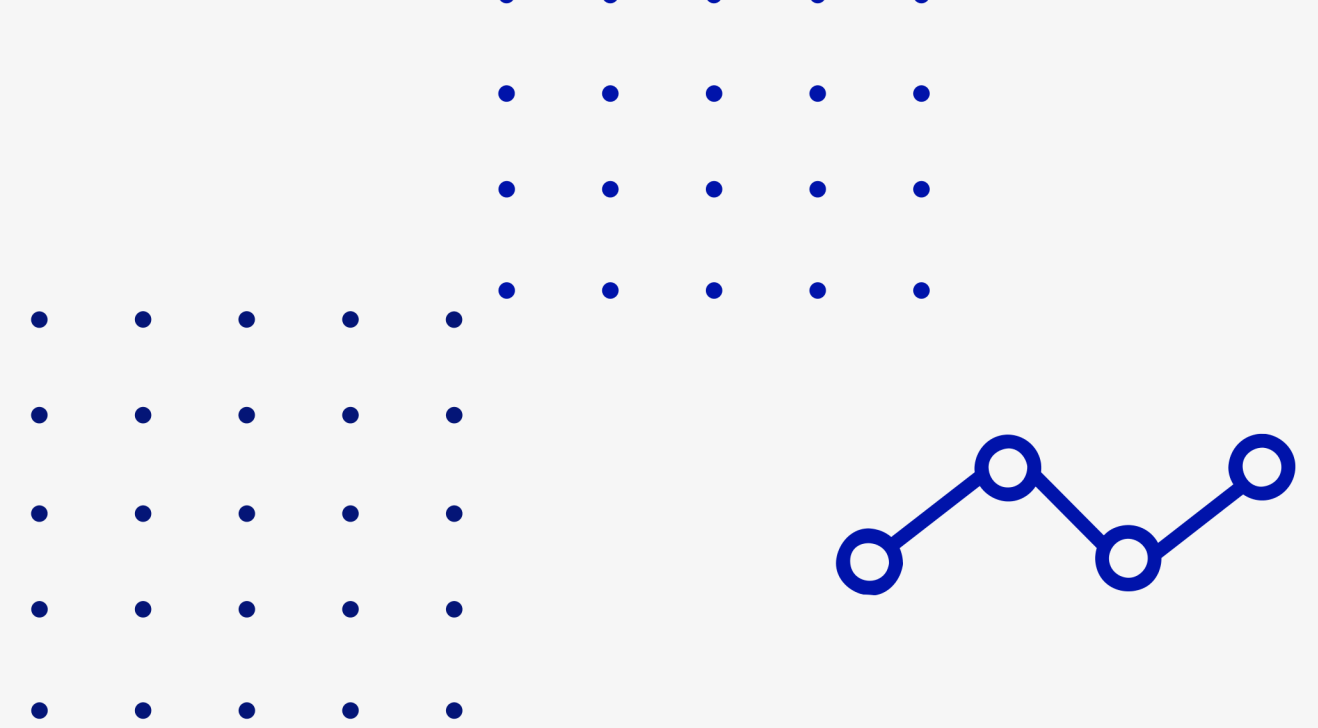
The Drawdown in the backtest does not guarantee that the EA will not have bigger losses in the future.

Equity Drawdown

Balance + Open Trades

It gives an idea if the EA is suitable for Prop firm challenges where we have a max allowed daily drawdown.

HOW TO FOLLOW THE RESULTS



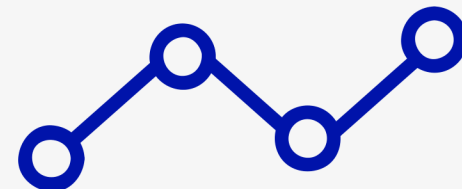
BY PETKO ALEKSANDROV

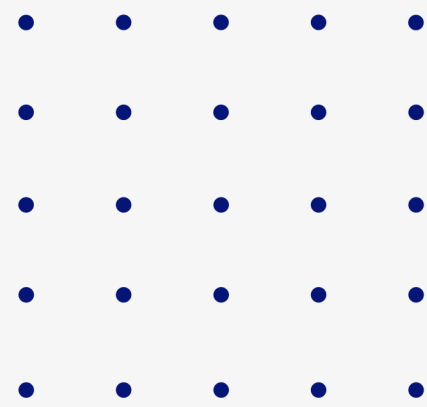
Start with a Demo account

After you downloaded the Expert Advisors and attached them to MetaTrader, it is time for some tests.

Make sure to do all the testing on Demo accounts to ensure you will not be risking any real capital while practicing.

If you test more than one EA on MetaTrader, this is what you should do...





Connect the MT account to FX Blue

Go to <https://www.fxblue.com> and click on FX Blue Live.

Register your account according to the platform you use:.











Please enter your username and password:

User name:

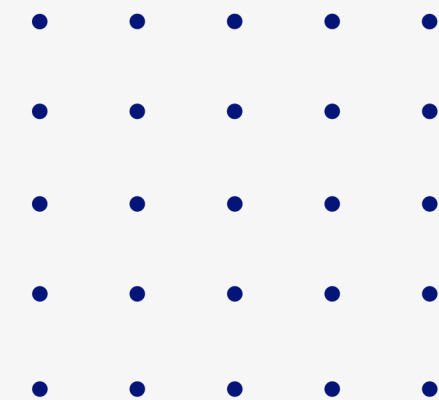
Password:

Register with FX Blue Live

Click on a tick to set up your account

| | Account sync <small>We collect your account history for you</small> | Publisher app/EA <small>You publish using an app on your own computer</small> |
|-----------|---|---|
| MT4 |  <input type="button" value="REGISTER"/> |  <input type="button" value="REGISTER"/> |
| MT5 |  <input type="button" value="REGISTER"/> |  <input type="button" value="REGISTER"/> |
| cTrader |  <input type="button" value="REGISTER"/> |  <input type="button" value="REGISTER"/> |
| xOpenHub |  |  <input type="button" value="REGISTER"/> |
| Vertex FX |  |  <input type="button" value="REGISTER"/> |

**Note: EA Trading Academy is not connected to this website, you can use any other statistical website for Expert Advisors.*



Follow the steps and fill in the information required

Broker Server

Account Number

Read-only password

| Overview | Charts | Open/Closed | Symbol | Direction | Sym+dir | Month | Week | Day | Hour | DoW | Strategy | MAE/MFE |
|--|--------|--------------|------------|------------|---------------|---------|---------|--------|------|-----|----------|---------|
| (Closed trades only) Strategy tags Download Print Filtered chart Bespoke chart Clear grid filter | | | | | | | | | | | | |
| Magic #/Comment | Trades | Gross profit | Gross loss | Net profit | Profit factor | Winners | Winner% | Losers | | | | |
| #100003 | 5 | 15.24 | -0.77 | 14.47 | 19.79 | 4 | 80.0 | 1 | | | | |
| #100008 | 5 | 15.33 | -1.70 | 13.63 | 9.02 | 4 | 80.0 | 1 | | | | |
| #100004 | 2 | 3.55 | 0.00 | 3.55 | - | 2 | 100.0 | 0 | | | | |
| #100009 | 2 | 1.74 | 0.00 | 1.74 | - | 2 | 100.0 | 0 | | | | |
| #100000 | 4 | 14.09 | -13.09 | 1.00 | 1.08 | 2 | 50.0 | 2 | | | | |
| #100005 | 8 | 8.43 | -8.06 | 0.37 | 1.05 | 4 | 50.0 | 4 | | | | |
| #100007 | 3 | 6.45 | -6.67 | -0.22 | 0.97 | 2 | 67.0 | 1 | | | | |
| #100001 | 2 | 5.04 | -6.29 | -1.25 | 0.80 | 1 | 50.0 | 1 | | | | |
| #100002 | 3 | 2.51 | -9.03 | -6.52 | 0.28 | 2 | 67.0 | 1 | | | | |
| #100006 | 4 | 10.99 | -18.67 | -7.68 | 0.59 | 2 | 50.0 | 2 | | | | |

Simulate real trading

The best way to perform the test safely is to **open a second demo** account, which you will consider as a live account.

Now, follow the results of the Expert Advisors on the first Demo account and place the Top EAs that are most profitable for you onto the second Demo account, by following the steps described earlier.

Here are example rules

- Min 3 trades + 1.2 Profit Factor
- Min 1 week + Min 50pips
- Min 5 trades + Min 1 week + Min 50pips + 1.2 PF

You can create your own rules that fit your trading style.

When you decide which rules you will use, make sure to follow them strictly!

WHAT OUR STUDENTS SAY ABOUT EA TRADING ACADEMY:

Pro Trading Strategies + 5 EAs


 **Keagan F.**
★★★★★

Very informative and easy to understand. Allows anyone to start trading with a useful arsenal of skills and the documents and strategies provided. Great course! however, i would recommend that you have some basic knowledge on the forex trading before starting.

FTMO Course

 **Frederic P.**
★★★★★

Simple but effective M1 scalping strategy, good tool indicator and management ideas... Really easy to understand and use! Petko did it again, thumbs up!

 **Vadim L.**
★★★★★

This comprehensive FTMO challenge training stands out for its easy-to-understand content, a unique blend of manual trading and automation strategies, and ready-to-use money management approaches. The course is accessible to traders of all levels, providing valuable insights into FTMO rules and objectives, as well as practical risk management techniques. A game-changer for aspiring traders, this training is highly recommended for anyone looking to pass the FTMO challenge and advance their trading career.

Gold Trading Strategy for beginners

 **Joe T.**
★★★★★

Another excellent by Petko. Petko's courses are always very informative, very well structured and easy to understand. I thoroughly enjoyed this course.

 **Florian B.**
★★★★★

Best course on the internet EVER, high quality

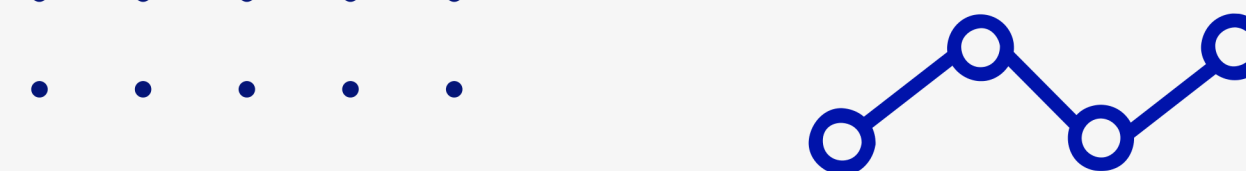
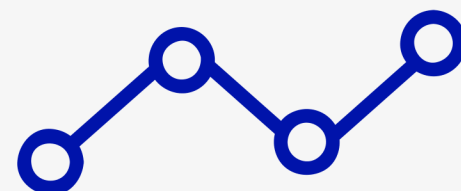
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BY PETKO ALEKSANDROV

