

TRADE LIKE A BOSS!

HOW TO TRADE LIKE A BOSS

A man in a dark suit and tie is shown from the chest down, holding a tablet with his left hand and pointing at the screen with his right index finger. The background is a composite image featuring a city skyline at night, a world map with blue dots, and various financial line graphs and bar charts. The overall color scheme is dominated by blues and greys, with a bright light source creating a lens flare effect behind the man's hand.

BRYAN DOWNING

MY BACKGROUND

I'm Bryan Downing, well known as a YouTube partner in the automated trading niche. I have a LinkedIn profile that's in the top 1% viewed most profiles on the entire site. I have over 8,000 members in one of Facebook's fastest growing groups for trading software knowledge. Also, as the creator of quantlabs.net, I've been researching high speed trading platform technologies and trading strategies for the last six years.

RETAIL TRADING TRUTHS

Let's talk about the classic retail trading trap known as the 90/90/90 club. Basically what it means is that 90% of retail traders will lose 90% of their entire capital within 90 days. There's a number of reasons for that. First is the concept of technical analysis.

Basically what you're doing is when you're using technical analysis, which is very popular among retail traders, they download it, they look at it via popular blogs or YouTube channels or whatever, but basically what you're doing you're just chasing after past data or continuous data, which is present. Your real job as a trader is to forecast maximum return potential at the

lowest risk. You cannot forecast off of historical data since everything in the market is pretty well based off of random walk theory. You also cannot predict patterns unless you have powerful real-time software that can highly scale on very expensive computer hardware.

FUNDAMENTAL ANALYSIS

Now, fundamental analysis is based on simple supply and demand. For example, in commodities as in the low pricing environment of oil within the market glut that with the supply and demand in dynamic markets, these are what the fundamental elements of pricing is based off of. What you need to remember is that supply and

demand has worked for many decades in open cry pits before electronic trading came into place. The markets dynamically move exactly with the same concept today, but this concept of fundamental analysis primarily works around supply and demand which seems to have been forgotten.

DAY TRADING

Another popular way of trading is day trading, which does not work for all market regimes. You may get 20% of an opportunity to day trade when pretty well the markets go into some kind of profitable momentum mode. Another way of saying that is that the market is just

basically going up. Most of the time, you will spend managing your portfolio to measure risk for maximum return. You will need to figure your trading performance. For example, you would use Kelly Criterion or also use position sizing to achieve optimal portfolio balance. Basically, no human trader can accomplish this without software.

HOW RETAIL BROKERS SCREW YOU

Now, another big thing is how do retail brokers screw you. These are basically for forex trading offshore brokers, but there's a lot of traditional retail brokers that will try to screw you as well. There are

about 11 different ways. The big one, if you're in forex is that Metatrader (MT4) software is definitely a big red flag. If they're not based in primary countries like USA, they're usually based in strange countries like Cyprus or the Caribbean. Also, for these type of brokers over 30% of their entire operational budget is basically marketing their services because about a very high percentage of their clients will blow out their accounts, so they need to replenish those clients as they drop off. Also, these brokers offer a lot of leverage of 100 times, so when you lose, you need to pony up those losing trades. Now, obviously brokers will have some form of a credit facility, so what

they'll do is they'll take large bets on the losing end, where they want you to lose. The more risk you take on, the more risk they take on so they make more. They also obviously make traditional dollars through commission fees.

Other misconceptions include the higher the spread, the more they want you to leverage. Now, for forex, a lot of these brokers will promote popular cross pairs, for example the Euro against the US dollar or the British pound against the US dollar, where there is very little or low volatility moves. You need to focus on more exotic volatile pairs. Also, these brokers want to confuse you with a measure of pips versus small units

of percentage of change or basis points, which are easier to convert and measure. Also, what you need to do as a customer, you should try to look for their carry or their rollover, which is listed from your broker. Legally, they need to list this publicly.

Basically, if you don't know it, you will lose money for no reason due to not being aware of this. You should Google these topics.

Now, another thing is a lot of the founders of brokers are usually shoddy. A good example is if you look at the Wikipedia posting on FXCM, you'll see some pretty well known lawsuits the founders have gone through,

who are pretty well the largest retail forex brokers out there.

SOLUTIONS?

Now, what are the solutions? A general good broker is Interactive Brokers. They support many or various programming languages and other technologies. You can test using a paper account without needing to register with them. Their Trader Workstation Software (TWS) is not too bad to start from if you're starting out.

METATRADER 4

I wanted to give you an example of one horror story involving Metatrader 4 which is posted on my website FAQ section, also known as MT4 and just to give you what they sent me as an example of what these forex retail brokers do. Basically, the customer of the broker says:

“Great read Bryan. Totally agree. I was approached by a pro retail trader who wanted me to program some MT4 algorithms he had in mind. He had little FX experience and I had none. We used several brokers over five years and I literally wrote hundreds of experts or basically known as expert advisors or auto trading MT4 scripts

and algorithms. Many would make a good profit to start, but something would always happen, many times a spike that did not occur on my demo accounts with the same broker. Of course, this can be explained. Sometimes, one big profit was actually one that went through my stop by many thousands in high-volume.” The broker said, “You would only pay me up to the stop and the rest was a technical error.”

I'll be had that the stop-loss been crossed in high-volume, he would have told me that it was too bad and he can't guarantee the price in high volume, which is part of their agreement. For sure, MT4 brokers are a scam.”

The question is what can you do about that and what are some of the seven tips that I like to give for, if you want to consistently profit.

7 STEPS TO CONSTANTLY PROFIT

The seven steps, the seven tips I can give you is you're dealing with an asset or a barrier.

What you need to do is you need to overcome the technology, so that it works for you.

Number two, you must challenge what I call your inner scaredy cat.

Number three, how not to waste your time, I've had virtually had a \$30,000 mistake.

Four, don't get ripped off. Apparently, there's four easy steps to avoid trouble.

Raise your confidence. Here are four fastest ways that I know.

The last step, tap into wealthy insiders who know how help with top industry secrets.

The first step is asset or barrier, how to overcome technology so that it works for you. Basically, what you're doing is the key idea is that you want to make sure you're not going down some set of rabbit holes to emerge with nothing to show for your efforts. Yes, rabbit holes includes so-called industry great

technologies. From my experience, from a technology point of view, if you are interested in going down the automation route, I would stick with Python as a programming language and/or Swift to learn the development skills, which are taught for kids, just so you know if you ever wanted to get into quant analysis research, over 90% of these high paying jobs involves coding. That is a real industry fact.

The second tip is why you must challenge your inner scaredy-cat, what you need to make sure is you have a form of structure. You need a road map and sense of

direction. You also need a sense of community as in people with common goals to help you see your lucrative trading opportunities. Obviously, these can be harder to find than you think because typical weaknesses are in most trading forums. The problem with lot of these trading forums, even though they're free, there's a lot of negative and rude members, sometimes digging to discover real information takes a lot of time. Also, a lot of these forums have sponsors and reps who just lurk and pump up their service at every opportunity. Then you wonder is this really objective advice that you're getting.

Another tip that I can give is how not to waste your time. The first thing is you want to reduce the hidden costs of open source because sometimes if you're going to use a programming language like R, you're going to get a lot of incompatible packages. If you're going to stick with trading, you want to make sure that those trading scripts are going to work five years from now or 10 years from now. You want to work with something that's going to enable those scripts to be future-proof, very important.

Now, the rest of these tips I'm going to give you will help give you trading edge. This is really also important. The next tip is you want to make sure you're not getting ripped off, so here's four easy ways to avoid the trouble. The first tip is obviously follow generous people on YouTube. You can get a lot of good ideas out there. To narrow it down, the second tip, you want to follow innovative ideas. A good example is our dear friend Dr. Ernie Chan, who comes top-of-mind for that. The third tip is watch over the shoulder for multi-millionaire insider-traders with special access. That's pretty hard to get, but sometimes you may be needing to pay for that. Another thing is you want to

try to be influenced by the early adopters. Now, if you can get news on people like James Simmons of RenTech, Renaissance Technology and remember this guy is making billions of dollars personally every year even though he is retired. He's still an innovator and an early adopter, so if you can follow those kind high volume traders, algorithmic based or automated traders, this is just one resource or one tip I can give you.

Another tip is you want to make sure you're not going to get ripped off. The first thing you need to make sure is you're accumulating the right knowledge and

obviously using the best software and platforms that you can get access to because what you want to do is to save a lot of money. Now, the thing I learned from a lot of the so-called multi-millionaire insider professional traders who run hedge funds is the consistent pattern I'm getting is that simple is best. The idea here is you want to make sure that it can help you focus on that right now if you can. The big tip is that over the long run, there's a lot of this so-called advanced or PhD level math. Now, if you can and you're like me, you want to try to figure a way to actually reduce it to more of a preschool level to understand it. You want it to be a lot simpler, so you're not

worrying about it right now. One tip I can give is you want to make sure you use easy-to-understand online resources. The ones that I like are Khan Academy and/or Bionic Turtle on YouTube.

A second are technical books that are really easy to understand as mentioned earlier. Python is a great resource for it, but a lot of these resources I'm about to give you are pretty well game changers, are very popular for their own reasons. This is obviously focusing on automated trading. The two resources I can give you are QuantStart and Dr. Yves Hipflisch. I hope I

get that right, which is obviously done in Python. The fourth tip I can give is you want to make sure you're using tools to simplify your math. I'm not expecting people to know Matlab, but Matlab's Mupad is quite good for that or if you want open source and free, the Jupyter project in Python is quite good for that as well, same functionality.

Now, another big step for consistent profit is you need to somehow raise your confidence. Over the years, these are the fastest ways that I know how to do this. If you can somewhere out there, you want to make sure you're

going to be introduced to capital providers through a few, however means. Some people might think it's a step too far. When you think about it, it's not really, but it gets kind of exciting when you do get them and you could show them some form of a road map, where the profits will really come from. From that you want to showcase and focus on a potential trading strategy or trading model. You want to focus on which instrument and what frequency you want to trade at. From that a roadmap is what you get and develop, you will be able to obviously raise your confidence.

Now, the last big tip to get consistent profit is there's four ways to tap into the wealthy insiders. Once you do it, this is where it gets really interesting. If you can, you can tap into expert level knowledge immediately. You need to know where to look. You want to find those who are willing to share the top industry secrets. There's a lot of thousands of blogs out there, but the ones that are probably good starting points are Wilmott.com and QuantNet.com because they got popular forums. A second method you could find these so-called wealthy insiders is through hundreds of videos that these various people that you look up to may post. Some may actually post hundreds of videos.

That's another way to network with the proper traders that are top dogs and obviously hopefully are wealthy enough for you to be inspired with.

A third method to find these people is make sure if you go to a resource like GitHub that there is countless software, open source code out there and there's a lot of projects that they may recommend or you can contribute to or even comment on. Look for those kind of projects. Lastly, which I really like is if you go through LinkedIn groups, you can find a lot of banking and hedge fund executives and then you can connect

through those groups through them and introduce yourself if you start to prove yourself on your trading ideas. Hopefully, this will be good for people who are starting from the retail world, wanting to move into the algorithmic world on top of seven sets of ways to consistently profit and build your empire or wealth.

TRADE LIKE A BOSS HINTS

NOTE: The following section is a private video you can accompany this with. *Just remember the following is a **direct** transcription from this helpful video.* Check it out at:

“Trade like a boss for forex signal and stock markets like India NSE”

<https://www.youtube.com/watch?v=GVq1ncStNkQ>

What I'm going to do is I want to show you a variety of examples so that you can basically know how to trade like a boss. Now, this could be both for Forex, as well as stocks any where in the world. Depending upon your budget and your availability of data there's many options that you have.

JSTOCK

The first program I want to show you is a Java open-source program called JStock. What it is, I've shown a series of videos on this. If you go onto my YouTube channel, [youtube.com/quantlabs](https://www.youtube.com/quantlabs) here ...

You'll notice I have a variety of things. The big one that will effect you for what I'm about to show you, if you go to JStock, right here you'll get a few videos here. This is really a stock scanner, and this is what I'm about to show you. You can get some, obviously, videos here just as a breakdown on how to set up the software. As I said you can download it pretty well for any operating system, be it Windows, Linux, Mac OS X, and of course there's the source code repository here on their site. Just let it load up. You can see it is

in Java. You can obviously download that source code if you want if you know what you're doing.

Let me show you the program itself. Here's JStock when you download it. Right now you can see that it's scanning for Forex as well as, I believe, you could probably put in Nifty as well. All these alerts that you're seeing are basically stock gainers. This software is really awesome because essentially you can set up screeners based upon different things. Here I've set up the stock gainers for today with the highest change. You can see here there's some interesting

stocks being traded with ... I guess these are penny stocks. 900%, 100%, 50%, 25% moves, these are tiny little penny stocks somebody's obviously knowing how to manipulate with a volume of, gee, a million, so these are clearly manipulated. Hold on to your hats you Tim Sykes fans.

We got mine. You can easily figure out who the best performers are for the day. You can also run this in real time. Now, it does take a lot of time to load nippt it Just depends upon the country, but you can see here you have all the different countries. South

America, Brazil, Argentina, Canada, US, throughout Asia, Australia, and Europe. It's a very good program and again, it's free. The big one I would always use is the percentage gainers, obviously the percent. I just wanted to show this to you. Let's see if I can ... It's going to re-scan the stock list, I guess. We have a stock indicator here so if you come under options, I believe. So stock indicators, this is what I was looking for. We get 3 stock indicators. You can also manipulate all the different data points and all this data comes from Yahoo Finance, which is free and I just want you to be aware of that.

We have here the different top gainers, as I've mentioned. I'm not going to get into the editing of this, but as you see here you can create alerts based on logical or arithmetic rules. Here's an arithmetic icon function, constant value, a whole series of different ways to calculate this. I guess this is the alert. So you can easily create your own indicators from this. It's pretty powerful. So here we have moving average, we don't care about that. Divergence MACD, we have RSI, and you can obviously include any of your own indicators. If I go back to the site here for JStock and look up indicators here, you can see here we also

have CCI, which is essentially considered similar to Bollinger, but guys, this is very powerful. I think I've seen some other custom indicators that you can buy. There's risk-reversal ones I've seen you can get on YouTube.

Knowing all of that, we've shown you a portfolio you can put in. The cool thing is when you go into, in our case we are looking for stock scanner. I know if you do a right click, you can automate it to buy and sell.

That's when you do a discretionary, meaning manual or like a human ... Obviously if you know the source code

you can somehow program it to automatically buy, if you know Java, to create that. Maybe there are versions of JStock that does that so that'd be pretty cool if there was. Also you can add to your own watch list and of course you can add your own portfolio here so I don't know, let's say if I do a buy on this one, not sure why ... Let me see. Again, if know the programmatic ways to do it, you definitely are able to have full control of the outcome of this software. If I add this to my stock watch list, boom, there you go.

As you can tell here, you can have this program run in multiple sessions and we have here all the different stocks. The big one obviously, while the markets are still open, I'm going to look up ... Maybe Canada might be a better one because it's smaller than the US but everything's the same functionality. I can't remember how this is done but ... To show all the ... Here we have the TSX, that's the index value, so we do a scan here. Press the stop indicator once you get the result, Yahoo will block you from accessing stock data if you're in it for too long of a period. I've talked about that in the past where it will block you if you let the scan run too long. Eg. 15 minutes

Let's say we're going to do, I don't know, let's stick with the top gainers. We want to scan based on TSX ...

Let's just keep the equity. Let's just see what it comes up with. I think Yahoo maybe already blocking me because it's stuck here at 12%. I'm not sure but this is one of the reasons why you don't want to use Yahoo because of the abuse that comes from it. You're better off to use a better data provider like IQFeed or Interactive Brokers.

I've shown you JStock. I've shown you the source code.

There is opportunity with this software for sure. It's a decent piece of software so I just wanted to show you that. Let me show you another one. Going back to my YouTube channel, if I take you to the playlist list, if you look, IQFeed.

XLQ

I'm going to show you something called XLQ, which is this. You will get other more detailed videos of XLQ in my Quantlabs YouTube channel video playlist. Also in here you may find another piece of software called QCollector, which is quite good but I'm just going to show you the Excel version of XLQ. So here I've already

got it preloaded, which is XLQ. Before I do this I want to show you the website. The site is qmatix.com, as you can see here. qmatix.com/xls.html. I'm going to highlight the software, so I'll just show you the purchase price, there's 2 versions actually. There is the standard version, I think it's called the plus version. The XLQ Plus, \$150, US. The Lite version just includes less technical indicators. Before I'm about to show you, you definitely want the Plus.

Okay, so let me show you that. This is a demo spreadsheet that you get with XLQ. Here we have a

little license icon running on my Windows tray so you have to have a valid paid license to make this work, obviously. In the qmatix directory, when you install it, you have this piece of software to run that connects into the vendor's server. We have here a few other software programs. This one is a spreadsheet I'm going to actually show you in Excel. This is on the XLQ demo. There's this one, which is for some kind of database, which I don't know if people actually use. Then there's this one, the companion. I think if you stick with this one, XLQ Demo XL, you'll be okay. The version of Excel I'm using is from Office 2013.

Here's the interesting part. You see here we have 5 different data provider sources. The ones I'll be probably using are Interactive Brokers, IQFeed, MSN, and Yahoo. I'm not going to get into Yahoo, but I have confirmed for the NSE stuff you can do quite a lot, with the Indian markets. MSN I don't think is a wise option, just stick with Yahoo if you want free. Now if you want full functionality definitely IQFeed's is your best one. If you use Interactive Brokers, you're with a broker, that's fine, let me show you what you get for that data provider. Also you have TD Ameritrade, which

I don't really use but I'm not sure if that's compatible with ThinkOrSwim.

We have 3 examples. Microsoft from MSN as a data source, which obviously right here doesn't work, that's why I'm not saying use it. We also have the same Microsoft from Yahoo as a data source. We also have IQFeed. Let me show you the IQFeed first which is the paid service. You can see here I have IQFeed running, the connection manager that connects my IQFeed into, obviously, their servers. It's a commercial paid service. If you want more information on that from my

end of all my demos, visit my IQFeed video channel playlist on YouTube.

Here's the data for Apple from IQFeed. You'll see here, which is beautiful, all this movement during the markets are open here, 3:05, Eastern Standard Time so this an active market. You can see each one of these is a tick and these are the different prices of those ticks as they come in live, in real time. You can see we've got bid, ask, store it now. Here under Yahoo we don't get that. Because I'm paying for this service with IQFeed I can run this all day, all night, as long as I'm paying for it for that month, I'm all good. That's the nice thing.

You can store this in a database if you want to create your own databases but that may be beyond the scope of this document for most people. The nice thing about this, as I mentioned here in the JStock, you get source code with the Java. Here you don't need to be a programmer. It's just Excel. As long as you can run Excel, you can do some very powerful things with it. Just for data visualization, simple stuff, and some of the most huge lists of technical indicators so let's go through them.

Here we get our bid and ask, which is really good. We get our change, which I showed earlier. Open, close, all that stuff. Now here's the fundamentals. The two week high, last update, but here's the killer part.

Price per earnings, earnings per share, yield, market cap, short ratio, price per sale, blah, blah, blah. If you know me and you've been following me, I'll give you a hint. This one right here is earnings per share is very important because as an indicator, because this indicator is forward looking data to do forecasting.

This money right here is very powerful if you're looking at opportunities for a weak player, which we

can short, and also a strong player, for long. Now that's pair trading of course.

When you have a certain industry/sector, for instance, let's say Software or information technology, Apple, Microsoft would be actually 2 good comparisons, you may get a better player in the IT market sector. For example, if it's at a \$20 or higher earnings per share you want to go with the higher one. There's a few other indicators you may want to look for in terms of market cap as right here. Here's your market cap. The market cap is really important because that indicates

liquidity of a company. If it's a small company under, let's say, a billion or half a billion market cap, you usually don't want to play it. There is not going to be a lot of liquidity with this. These two indicators are very powerful so if you have a high EPS and a low EPS, those are strong indicators for longing and shorting in the same sector. That will work in any market. NSE, India, or US, whatever. Obviously the more stocks you have to play with, the better.

The other thing is you only want to play stocks that list their earnings per share. You don't want to list

or put money on stocks or companies that don't list their EPS, their earnings per share. The reason is because if they don't list it, that means, and that's basically from a company's standpoint, going into the next quarter, it shows how they feel about their outcome, their guidance. So if in this case it looks like I can't say if Microsoft will not put their EPS out there. It could be the source, I could verify that pretty quickly. If they don't have an EPS, you don't want to play that either. Just due to the fact that if they're not going to list their guidance it means they don't have confidence in their outlook, which means you shouldn't trade that stock. Just two separate tips.

So let me just verify that. We've got Apple, I'm going to change this to Microsoft and see what their EPS would be. So their EPS is earnings per share, 212. So they do list the guidance. So they do list EPS, which is good. Now in terms of the market cap, that's very strange where ... Well, actually, here's the market cap, \$450 billion, which is a good measurement of liquidity.

All right so we've looked at the price per share and liquidity in market cap. Just 2 simple indicators that you can use. There's other things that you could also use. Here in blue are the ones that is only available in the XLQ Plus version. Some of this may be useful for people. Beta is a good one. Again you can only get this from IQFeed, I believe. That one is only available from IQFeed as a data source. In terms of the data, bid/ask is also useful from IQFeed as well.

Volatility, I believe this is implied, which is very good. It's very hard to get that somewhere. With

calculating it yourself can be a real pain so here it is from IQFeed. Dividend, all this stuff, here is another beta, right there. That's really good because beta can be very useful for comparison against the S & P 500. The higher the beta, the better. If it's over 1 that's considered good, so as you can see here, the beta for Microsoft is quite good. Let's see what Apple is just as another comparison. Beta is 1.55 so that means that that stock may have a higher performance than Microsoft. Just as an example.

I have here some ratios, all that fun stuff. Open interests. Now if I had, I believe, level 2 data access through IQFeed, you would get all this. Open interest is really good for those that like to watch options. With open interest that gives you the ability to see what the professional traders are doing on the options side. I mean, there's 2 ways to trade, not just the stock, but the option. When you dig into the option side you have a lot more data to work with for calculation so I'm not going to get into that here, I'm just keeping everything really simple ...

Also you want to compare against your performance.

Against high week low, I'm sure you know all that. Here is some intraday stuff. Interesting. You can get this real time again. Total volume, bid ask, the size of each tick, and the open high low close. So again, the SMA will return. I'm not sure about this, all this fancy stuff. I think this stuff is for Interactive Brokers.

Let's check out some of the historical stuff. This is the power of XLQ. It's all calculated on the fly for you, for \$150 is awesome. Again, you don't have to be a

programmer, but if you know Excel, you can do really well with it and do a lot of cool stuff if you trade stocks. Again we've talked about all this stuff. Here's just the Bollinger. I wish to arrange, which I absolutely love. Some of the moving averages here. Very cool. Directional movement, etc.

You'd pretty well get everything you could ask for.

Again, these are things that I don't really use a lot.

Some of the fundamental maybe helpful. The Bollinger, very nice. Stochastic can be useful. RSI which I really like. Here there's a better worksheet for this, for RSI, for relative strength index. Those are within the tolerable ranges.

What else do we have here? Parabolic, rate of change or rate of term which is very useful. Some of these high to low is very useful for charting standard deviation for statistical purposes. You can see your max draw down. That's good for back testing purposes. Draw down from the highest. Draw down from the highest percentage. Very useful stuff. Again we got some of the averages right here. You can easily build your signals around this. I'm going to give you an idea if you're an advanced developer, probably from an architecture standpoint, but you can see all of the different

indicators here that it's just insane Williams R% or CCI. This is calculated right from the provider, from the source, in our case IQFeed. Of course that's all XLQ in action too calculating some of the historical data.

This is typical of what can be used as equivalent, as I like to call, a streamer. Here we're using Apple again. In this case if I use IQFeed, you can see that this will change on the fly, in real time. You can get the same thing from IB (Interactive Brokers) if they're your broker. If you can't afford to get onto IB, you

can easily pay the measly \$100 US per month to get this data because see, everything's all done in real time, it's just pretty impressive. All this data is all end of day right here, throughout, this is all for historical purposes. With IQFeed, you can go back up to 9 years with certain data, including US stock, if you want. I don't know how far back you can go with ...

What I'm showing you is really only good for US. It depends upon IQFeed or your chosen data source. I know it's a fact that obviously IQFeed will support US

markets and I do believe they just added UK markets as well.

There are the standard IQFeed fees. Standard services.

Okay, In here it says you get real time quotes. Market

level depth 2, level 2. So you have Canadian. All the

US. I thought they added UK as well, so the only thing

they have is the futures market, which is quite good if

you ask me. Of course you got the Forex in here as

well. Let me try the Euro USD on FXCM. You see the

price but it can't calculate beyond that.

Let's talk about this. Here we have our usual bar of data: Open, high low, close, all of that, volume, etc. All of that can go back as far back as 9 years. In this case what we're going back 30 days. I think this goes back each week now, and then you go back each month, so you're going back 1 year here. Of course you can get access to see how the formulas are built. When you get an XLQ Worksheet open, that is one of the XLQ functions to access, no different than as if you were to put in an average or a summary as a formula for Excel. So here with Excel XLQ, you can add in a bunch of other ones, including the technical indicators, so that's how that works. Very powerful.

Again, earlier, I mentioned about market overview.

These are your sectors that you can probably use. Here they're listed by each one these. Here is an index. You can see here I've got software. So the change as I mentioned with the JStock, there's not a lot of movements here but depending upon how the markets did today, or actually in real time, the stronger ones are obviously, in this case, brokerages. Actually, let me take that back, energy services. Energy's been moving quite a bit today, in the green. These again are the indices for that sector. You can use this as a snapshot

to get an idea of where the winners are for the day, as well as the losers, but you can see here it's previous close so that's from yesterday. That's what I'm assuming.

This one's really cool. This is a portfolio streamer.

There is a large assumption here, of this pretending to be your portfolio stock selection.

Intraday. This is where it gets very cool. XLQ can add in each tick in real time for Microsoft. You can do

that right within your spreadsheet view. Very powerful.

Volume, total volume for the day, and then the intraday

open high low close. Of course you got a date time

stamp as well. This will be the last 20 ticks, right

here, up to this point. You can do the same thing with

Intel. Very cool.

Let's talk about the currency or Forex. This is very

cool, but you can see here that the source is from

Yahoo. I haven't really figured out how to do it for

IQFeed, let's say, but it's good enough where you can

still get a view of it for these currencies.

I know I've been focusing a lot on the US markets, but in this case I know out there's going to be a big interest on India and NSE so what I did was, for today I wanted to get who was the highest gainer on the NSE, so that Gail, G-A-I-L, I have no idea what the company is. So what I did was in my Yahoo Finance I could verify that this Gail, G-A-I-L, can be found on the NSE.

Using the power of Yahoo you can do some limited sort of analysis on any stock that Yahoo tracks. This, of course, includes this one on Yahoo, so you can see you

can get an end of day analysis on your trend with these candle ... Well not candlesticks but some form of charting. Then again, of course, you have your standard bar data and your trend analysis right here. High to low. Trailing stock, etc. Very powerful information. It just goes on and on and on. Draw down from low to high. Very powerful information. Just using Excel, again. You don't need to be a programmer to figure this out.

If you know how to build your formulas like this, in using XLQ within Excel, you're fine. You don't have to be a rocket scientist to be able to generate this sort

of data. Continuing along, here's some nice stocks.

Again, this is using Gail from Yahoo so again I could

put it anywhere I want. This case is from NSE, high

low, the RSI, the ... I can't read that, MACD, that's

another indicator, DMI. You can easily build little

tables and worksheets from these technical indicators

from the data you've accessed too. Of course I could

speed up this data with the real time data using

IQFeed, but again, I can only do that using from Canada

and the US.

Let's stay with Apple. It's a very liquid, fast-moving

stock. Let's see what happens if I get the tick data,

see if we can do anything with that. If that's actually going to do anything. Actually this is end of week, I'm sure, of course, you could change it to be intraday tick with IQFeed. Why not? Once again we have that Gail, from NSE, India. You see here we have the different charting and the different indicators that you want to list here.

Let's do this same thing. See Apple. Again, this is ...

Is this end of day? Again you have to change these worksheets to get it working, to customize it. This is

just a demo of what this thing can do. I'm going to change this to IQFeed, present data source.

With IQFeed you go back and see how far back if I go ... Let me pull up a little test here. 240 days, times 6 years, let's just say. So I'm going to go back 1440 and that's 6 years of data, let's see if we can do it here. Yeah it looks like that works, so let's see if I can go back 10 years. So it would be 2400. There you go, so you can go back up to 10 years of data. Nice.

You could easily generate using Excel for all kinds of analysis for doing back testing within Excel itself and you can do it with the tick data as well. As long as you're not going to blow up Excel itself with the

amount of data that you'll download on those number of ticks, but what's stopping you from doing it?

All right so here we are doing Yahoo again. Some close analysis, RSI charting, and again I believe, this is weekly again. Or this is bi-weekly it looks like. We can change that, I'm not going to change it, it won't change between IQFeed and Yahoo. Here we're trying to do an attempt on the Forex data so I'm going to try my friend Gail.NS for NSE. That's just weekly data. You can see it goes back up to 90 days. Nice. types of data ... Gail, NS, no. Oh, there you go. Get all the simple

moving average, all that stuff from Yahoo on that particular stock, that's pretty impressive.

With the Gail on the RSI, you can see here it sells ...

You can program it in a way where it will say

overbought or undersold. That right there is just one

way of generating alerts and signals from Excel when it

meets certain conditions here, as you can see here.

With the RSI, if less 30, greater than 70, do

overbought or oversold.

Calculations exists with Standard technical indicators that we've already talked about. Again, when you hit ranges just like I showed you, you can definitely do all kinds of signals. You can go hog wild with it. Just awesome. Now, if you want to go crazy on the charts, let me see, let's do Apple again. It is loading in data, high low close for the MACD averages, you get those averages. See right here, that's what you're using, which I don't know the period it's for. MACD trigger, see you could do all kinds of signals using these kind of formulas.

I'm getting kind of crazy on this. This is pretty impressive, if you ask me. Let's see what else we could do. Let's change this now to IQFeed, see if we can get real time data. That would be pretty killer. No, again it's just weekly data. It's still nice because you can get ... Remember, this is going back 2200 08 days okay? That's what, almost 10 years of data right there. Back tested. Nice. You don't even need to do all this other fancy Python and R and all that.

CONCLUSION

There you go. You have two software programs that you can use to your hearts content to generate all kinds of crazy signals, analysis, and built-in calls. This is

the way for non-techie people. I just want to introduce that to you. Doesn't matter where you come from, doesn't matter what your trading experience is. As I said earlier, about the options data, that can be very useful for you if you're going to trade options on stock but you can get the data that you'd be interested from IQFeed if you do pay for the features or the options data as well as you can probably get the same data from Interactive Brokers as well but I haven't really tried it. I'm going to be honest, I think IQFeed's cheap enough, professional enough to give you what you want in terms of the historical back testing,

crazy periods of 5, 10 years, on top of the real time access. It's phenomenal.

So there you go. You can Trade like a Boss having this type of data and you pay next to nothing for if you want to use JStock and Yahoo, but you saw the problem we ran into. If you want to go a little professional, get this piece of software called XLQ on top of the IQFeed as well is a good option is what I would recommend. That's what I'm using, as you can see here. Hopefully that will help you out. Over and out.

TRADE LIKE A BOSS!