



Timeframes

Week 1 – Planning

Week 2 – Mindset

Week 3 – Education

Week 4 – Systems

Week 5 – Execution

Week 6 – Documentation



Course Map

Day 1 – Action

Day 2 – Timeframes

Day 3 – War Against The Dumb Machine

Day 4 – Prices & Pricing

Day 5 – Experience



Course Map

Here's what we're going to cover

Chart Basics

How Prices Change With Respect to Time

Relevant Indicators

What this can do for you

More confidence with Charts and Timeframes

Better understand market movements

Increase conviction with market actions

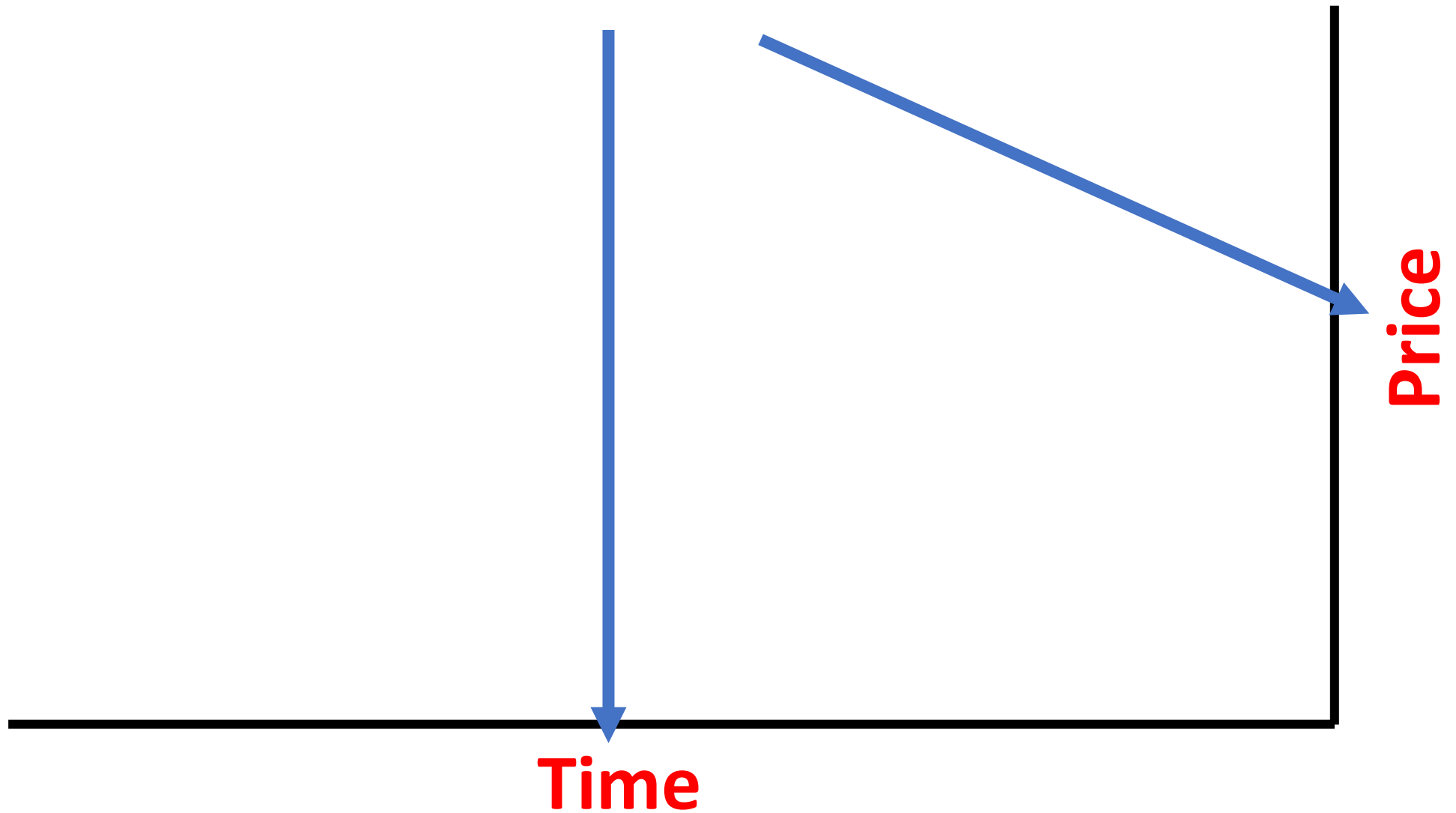
Help save timeframe related pain and frustrations

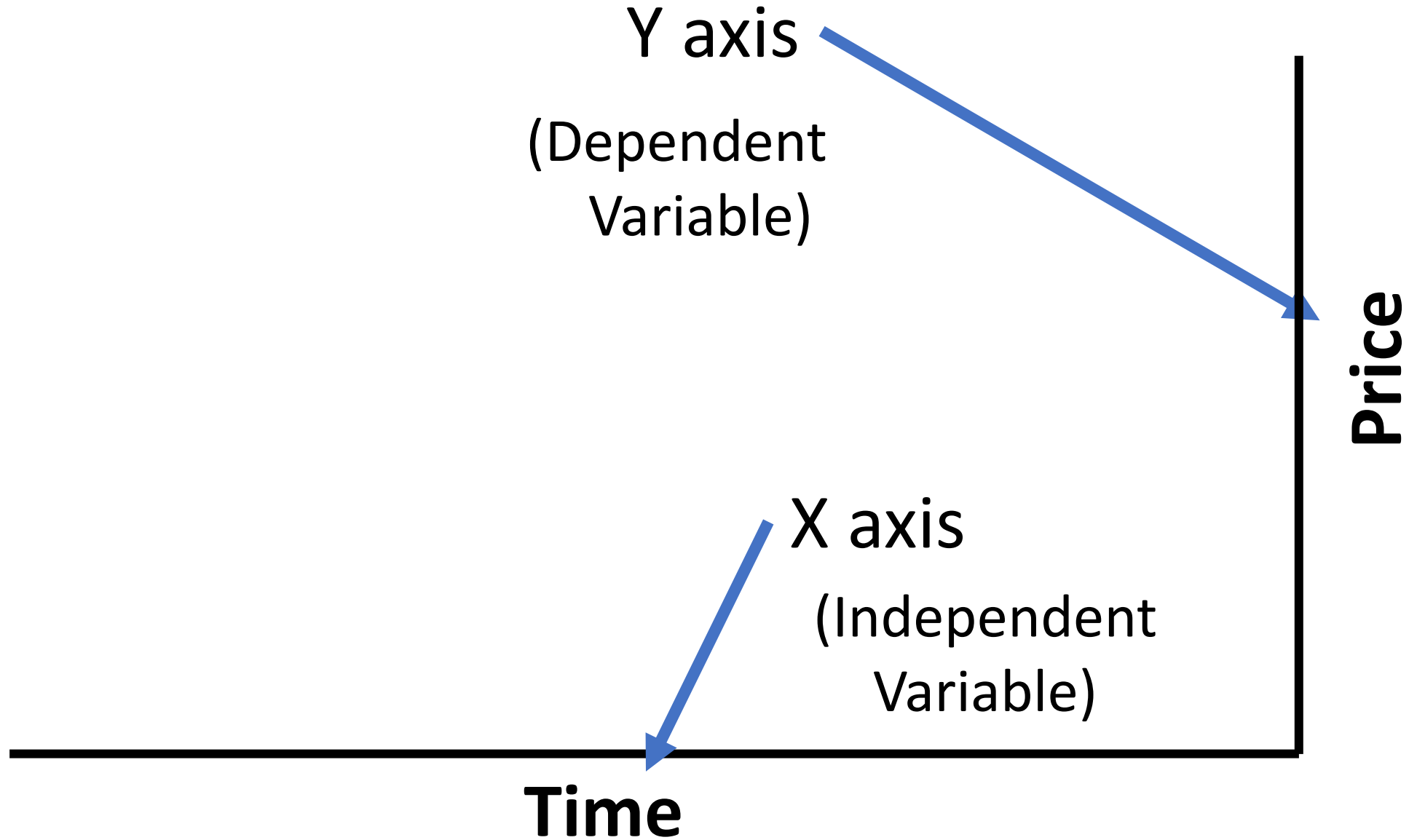
Chart Basics

How Prices Change With Respect to Time

Relevant Indicators

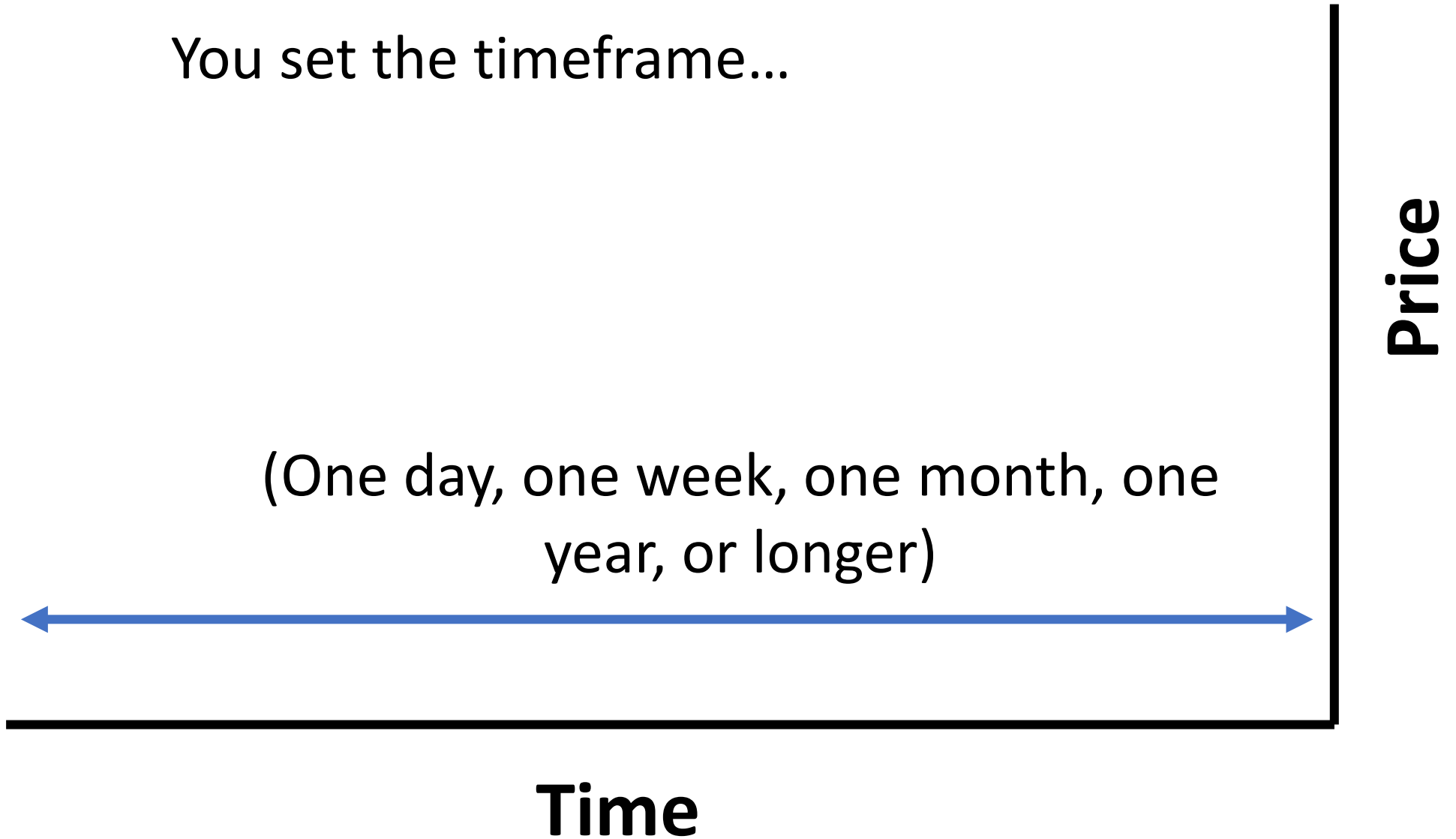
Two axis's





You set the timeframe...

(One day, one week, one month, one
year, or longer)



Zoomed all the way out (Monthly Chart)



First Magnification (Weekly Chart)

S&P 500

May 14 O:2858.50 H:2869.25 L:2799.75 C:2839.50 Vol:4.54M

SMA 20
SMA 50
SMA 200

WEEKLY



+32.50 (1.16%)

25M
20M
15M
10M
5M

A S O N D 14 F M A M J J A S O N D 15 F M A M J J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M

3000.00
2800.00
2600.00
2400.00
2200.00
2000.00
1800.00
1600.00

2839.50

Second Magnification (Daily Chart)

S&P 500

May 14 O:2806.00 H:2853.75 L:2799.75 C:2839.75 Vol:1.76M

+32.75 (1.17%)

SMA 20
SMA 50
SMA 200

DAILY

5M
4M
3M
2M
1M



Third Magnification (15-min Chart)



Fourth Magnification (5-min Chart)

S&P 500

May 14 O:2840.25 H:2840.50 L:2839.25 C:2840.25 Vol:643.00

+33.25 (1.18%)

SMA 20
SMA 50
SMA 200



5 MIN



Chart Basics

How Prices Change With Respect to Time

Relevant Indicators

How Prices Change With Respect to Time

Equity prices can REALLY move

We'll call this Zoom 1X, for perspective



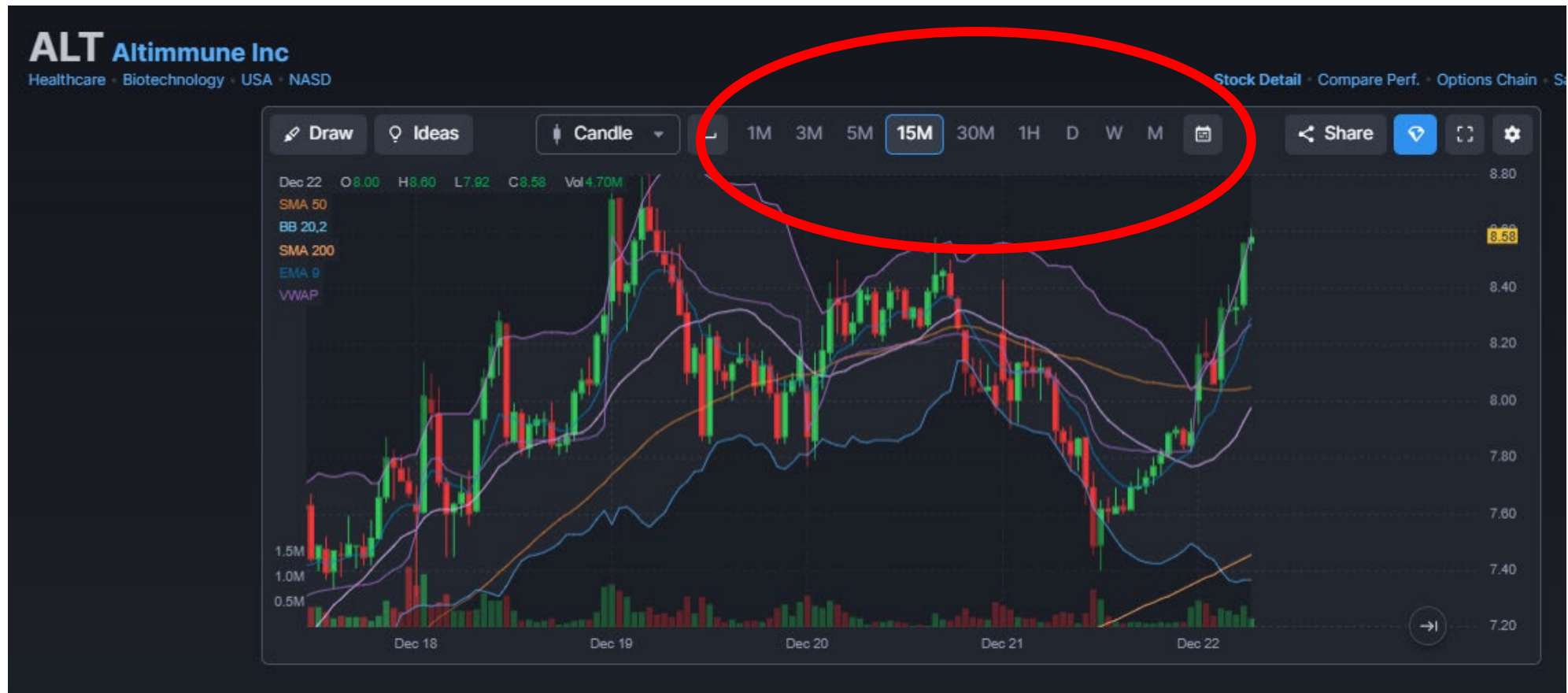
This is Zoom 26X



This is Zoom 130X



The timeframes are at the top of the chart
in Finviz



Let's jump into Finviz and see how you can
change these timeframes

That's it for how prices change with
respect to time,

Now let's get into Relevant Indicators!

Chart Basics

How Prices Change With Respect to Time

Relevant Indicators

Relevant Indicators

Bollinger Bands

Moving Averages

Average True Range (ATR)

Bollinger Bands

Moving Averages

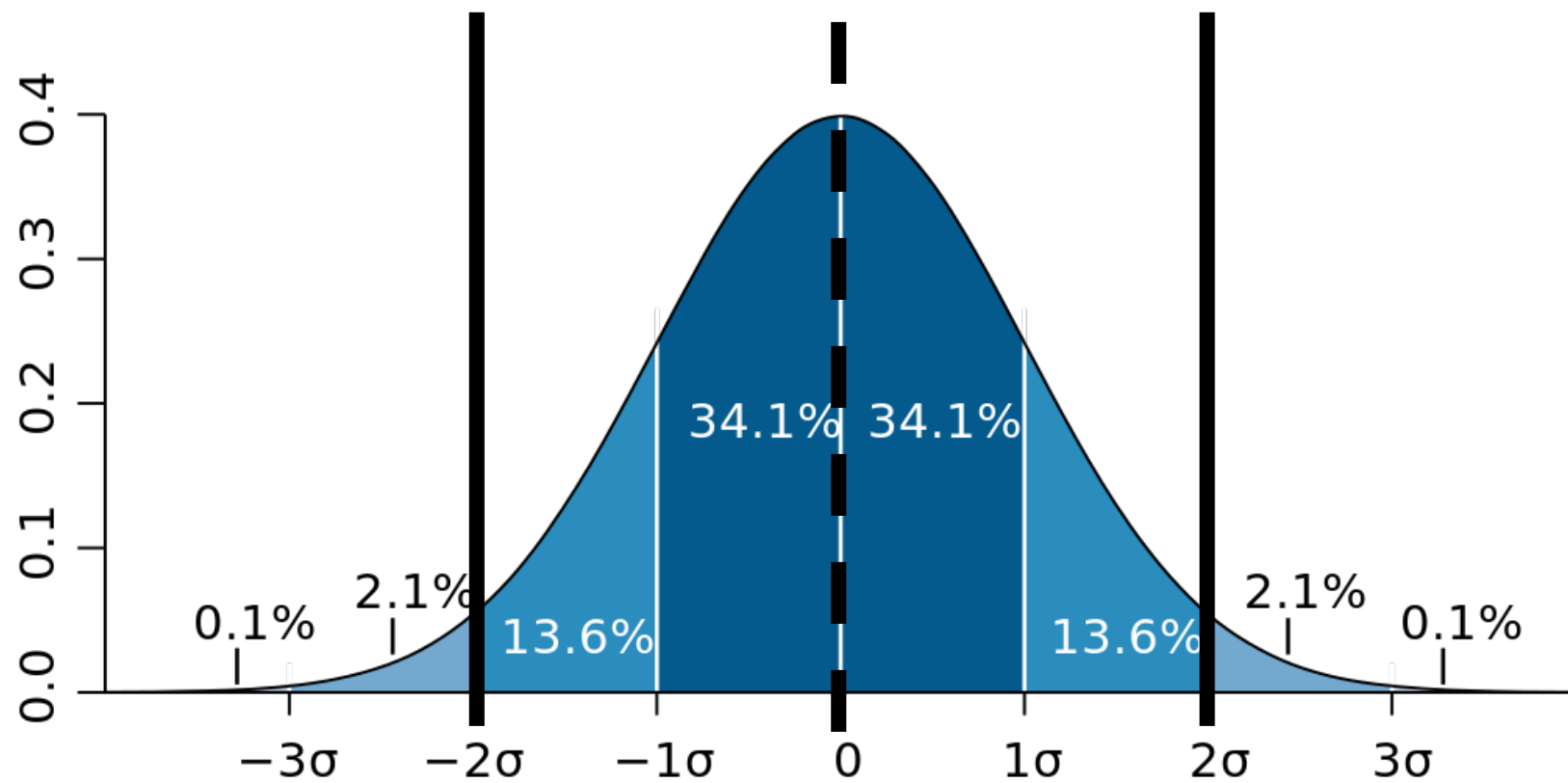
Average True Range (ATR)

Based on statistics alone,

There is roughly a 95.5% chance the close price will fall within the Bollinger Bands.

In other words, roughly 19 out of 20 times,
the close price will be within this range

Bollinger bands are based on 2 standard deviations from the 20 period MA



However, the 20 period MA changes slightly from period to period,

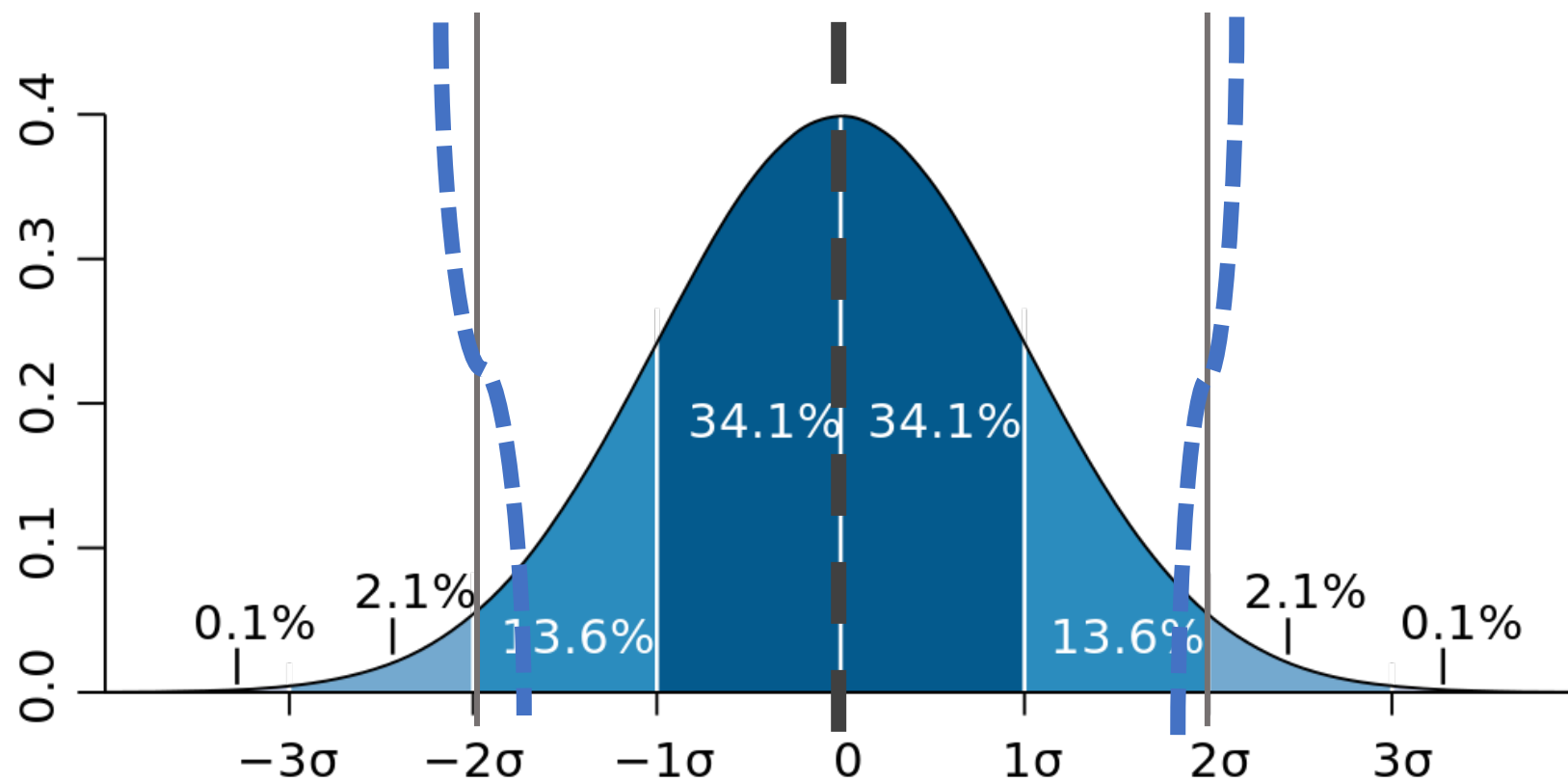
When a new close price is set,

The close price 21 periods ago is ignored,

Causing the new number to be slightly different.

That's why you see the bands moving in
what seems like waves,

Bollinger Bands



Let's look at an example...

Upper BB



Lower BB

Bollinger Bands

Moving Averages

Average True Range (ATR)

Moving Averages

The moving averages are based on the close prices of each individual period of time

The 20-period moving average is based on the close prices of the last 20 periods

The 50-period moving average is based on the close prices of the last 50 periods

The 200-period moving average is based on the close prices of the last 200 periods

The 20, 50 and 200 period moving averages can be statistically significant prices,

And the 20, 50 and 200 period MA's may offer
areas of support and/or resistance,

50 period MA

20 period MA



9 period MA

200 period MA

Let's jump into Finviz to see how you can turn
these on and off

Now, let's get into the Average True Ranges

Bollinger Bands

Moving Averages

Average True Range (ATR)

Average True Range (ATR)

The ATR is based on the average range over the last 14 periods of time

AAPL Apple Inc

Technology · Consumer Electronics · USA · NASD

194.09 -0.59↓
-0.30%

Stock Detail · Compare Perf. · Options Chain · Save to Portfolio · Create Alert



Correlation: AAPB AAPU IXN XLK IWY XLG TECL ROM MGK TCHP Inverse correlation: AAPD TECS REW FNGD SQQQ QID BERZ

Scroll to Statements ↓

Index	DJIA, NDX, S&P 500	P/E	31.67	EPS (ttm)	6.13	Insider Own	0.09%	Shs Outstand	15.55B	Perf Week	-1.75%
Market Cap	3019.11B	Forward P/E	27.27	EPS next Y	7.12	Insider Trans	-4.47%	Shs Float	15.54B	Perf Month	1.47%
Income	97.00B	PEG	5.16	EPS next Q	2.09	Inst Own	60.82%	Short Float / Ratio	0.71% / 2.03	Perf Quarter	10.25%
Sales	383.29B	P/S	7.88	EPS this Y	6.60%	Inst Trans	-0.47%	Short Interest	110.65M	Perf Half Y	4.78%
Book/sh	4.00	P/B	48.57	EPS next Y	8.95%	ROA	27.50%	Target Price	197.30	Perf Year	43.31%
Cash/sh	3.96	P/C	49.05	EPS next 5Y	6.14%	ROE	171.95%	52W Range	124.17 - 199.62	Perf YTD	49.40%
Dividend	1.01	P/FCF	30.32	EPS past 5Y	15.55%	ROI	57.50%	52W High	-2.76%	Beta	1.29
Dividend %	0.52%	Quick Ratio	0.94	Sales past 5Y	8.34%	Gross Margin	44.13%	52W Low	56.33%	ATR	2.72
Employees	161000	Current Ratio	0.99	Sales Q/Q	-0.72%	Oper. Margin	29.82%	RSI (14)	56.08	Volatility	1.14% 1.26%
Optionable	Yes	Debt/Eq	1.99	EPS Q/Q	13.94%	Profit Margin	25.31%	Rel Volume	0.70	Average True Range (14)	
Shortable	Yes	LT Debt/Eq	1.71	Earnings	Nov 02 AMC	Payout	15.32%	Avg Volume	54.49M	Price	194.12
Recom	2.00	SMA20	0.33%	SMA50	4.85%	SMA200	8.79%	Volume	10,938,628	Change	-0.29%

Recap

Chart Basics

How Prices Change With Respect to Time

Relevant Indicators

Action Item

Go into Finviz and add the nine period MA's, & ATR indicator to a chart and timeframe of your choice

Pro TIP: Use a security you're holding or thinking of buying to make it more interesting for you. Attempt to identify patterns in the MA's and ATR's



Timeframes