



Chart Analysis

(aka: *Should I have bought this stock...?*)

This workshop session will test your technical analysis knowledge and ability. We will show a price chart (hiding recent price data), then seek your input, decide whether to buy, then reveal the stock and all recent price data.

May 2025 (Updated)

Robert B Brain



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Revision: 3



Introduction

Should I have bought this ...?

- In this session we will show a price chart for a “security” (a stock, or ETF or whatever), with the last four weeks or so of price data hidden (from 5th April), and we will ask you this question:

“Should I have bought this stock?”

- In the live delivery of this presentation, you will be invited to contribute:
 - Suggest a chart indicator to include;
 - Suggest time period: daily, weekly, monthly.





About this presentation

The purpose of this session is:

- For you to test how good your stock-picking is; and
- To give you the opportunity to pick up some tips from others about technical analysis and stock picking.
- NOTE: This version 3 of the slide deck includes lots of annotations on the price charts, based on feedback from the ATAA live workshop delivery, and the BullCharts User Group meeting.

On the next slide: the stock we will be studying...

(The gist of this presentation is based on the delivery of a similar presentation/workshop to the ATAA in October 2024.)



This is the chart we will study today.
The security name/symbol is not disclosed.
Price data until 4 April 2025 is shown.



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By attending this meeting you release and discharge the ATAA from all liability loss or damage that you may suffer or sustain (the Loss) and indemnify the ATAA against the loss.



Introduction

Important Notice — No Advice!

- This presentation does not include any advice.
- For proper advice, your personal financial situation needs to be considered.
- This presentation is pure education, only for your general awareness.
- There are no recommendations to take any action, or to invest any money in any way.
- Always consult a properly licensed advisor before making investment decisions.





About... Robert Brain

Nimble Short term Investor

consultant, educator and part-time* share trader
web-based sharemarket-support business

- Many years experience as trainer, presenter, conference facilitator (*Scouts*)
- Share Market – active 20+ years* (slowly at first)
- Chartist ie. technical analyst (ATAA member and national director)
- Provide support and tuition to traders and investors
[Brainy's Share Market Toolbox](#)
- Former member Mensa
- Engineering Degree (structured thinking with an eye for charts and diagrams)
- 30+ years – professional experience (IT and management)
- **Do not hold AFS license! (Can't give advice)**
- **BullCharts software (convenor Australian BullCharts User Group and authorised reseller with special pricing)**



Conflict of interest?

* - Not yet enough capital to live off the proceeds of trading (after trading as a hobby until a career change in 2008).

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The XKO index

Pick a stock from XKO index

Firstly, let's select the stock from the XKO index – S&P/ASX 300.

But why the XKO?

- After a little research among our own network of traders and investors (done during informal ATAA and BullCharts User Group networking sessions), a significant number of these people said that they use the XKO index as their own Stock Universe.
- *“The XKO index consists of all 200 of the S&P/ASX 200 (XJO index) companies plus 100 smaller-cap companies that have market capitalisations above ~\$100 million (AUD).”*
[Source: <https://www.asx300list.com/>]





The XKO index

About the XKO: reference #2

- *“The S&P/ASX 300 (XKO) provides broad exposure to the Australian share market and contains all ASX 200 companies and approximately 100 smaller-cap shares. It accounts for ~84% of Australia's equity market (August 2024).”*

[source: <https://www.marketindex.com.au/asx300>]



The XKO index

About the XKO: reference #3

- *“The S&P/ASX 300 is designed to provide investors with broader exposure to the Australian equity market. The index is liquid and float-adjusted, and it measures up to 300 of Australia's largest securities by float-adjusted market capitalization. The S&P/ASX 300 index covers the large-cap, mid-cap, and small-cap components of the S&P/ASX Index Series. This index is designed to address investment managers' needs to benchmark against a broad opportunity set characterized by sufficient size and liquidity. Franking credit versions of the index are also available.”*

[Source:

<https://www.spglobal.com/spdji/en/indices/equity/sp-asx-300/#overview>]





About the XKO: reference #3

- More index details on a fact sheet from SPGlobal:

https://www.spglobal.com/spdji/en/idsenhancedfactsheet/file.pdf?calcFrequency=M&force_download=true&hostIdentifier=48190c8c-42c4-46af-8d1a-0cd5db894797&indexId=124612

(click here)



Are XKO stocks liquid enough?

- Many traders are interested in trading liquid stocks.
- For example, CVN (Carnarvon Energy LTD) – as at 2 October 2024, had **weekly average Value** traded for the last 5 rolling weeks: \$958,000; and **daily average Value** traded for the previous 5 days: \$239,274
- This would enable us to take a position up to about \$10,000 which would be less than 5% of the Value traded daily (a liquidity rule that many traders use).





Now, the real study...

Now, the test...

In the live presentation of this workshop,
flick across to BullCharts
to view the stock to study today,
and come back to these slides later.

If viewing these slides after the workshop,
then simply continue with the slides...



Now, the real study...

The stock revealed...

- The stock in today's study was APA Group (ASX:APA).
- The following slides show the price action in the period up to 4th April 2025, and then the few weeks after that date, with a variety of technical analysis chart indicators.
- And this version 3 of this slide deck includes annotations to help with interpretation of the technical analysis chart indicators.





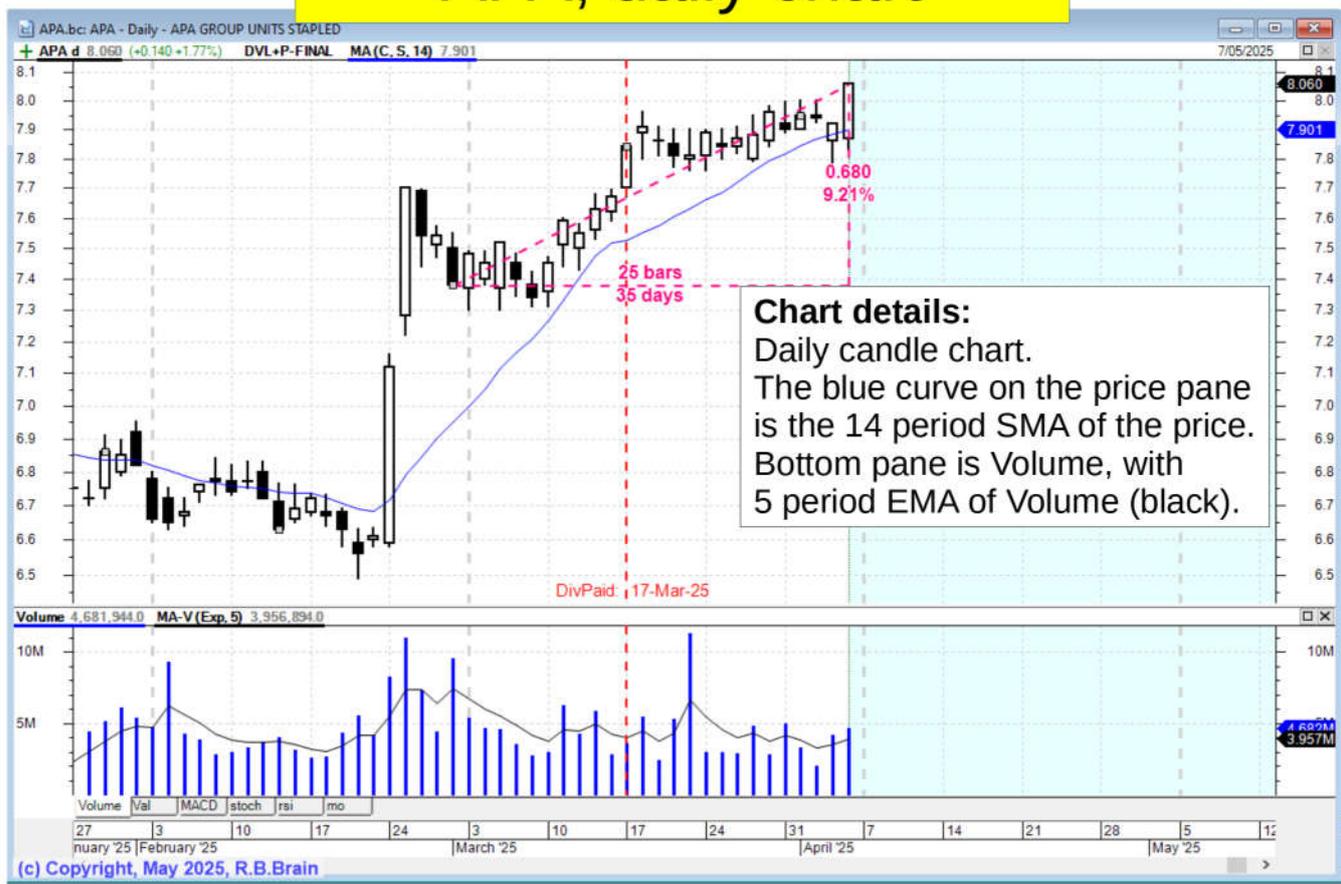
Now, the real study...

APA, daily chart



Now, the real study...

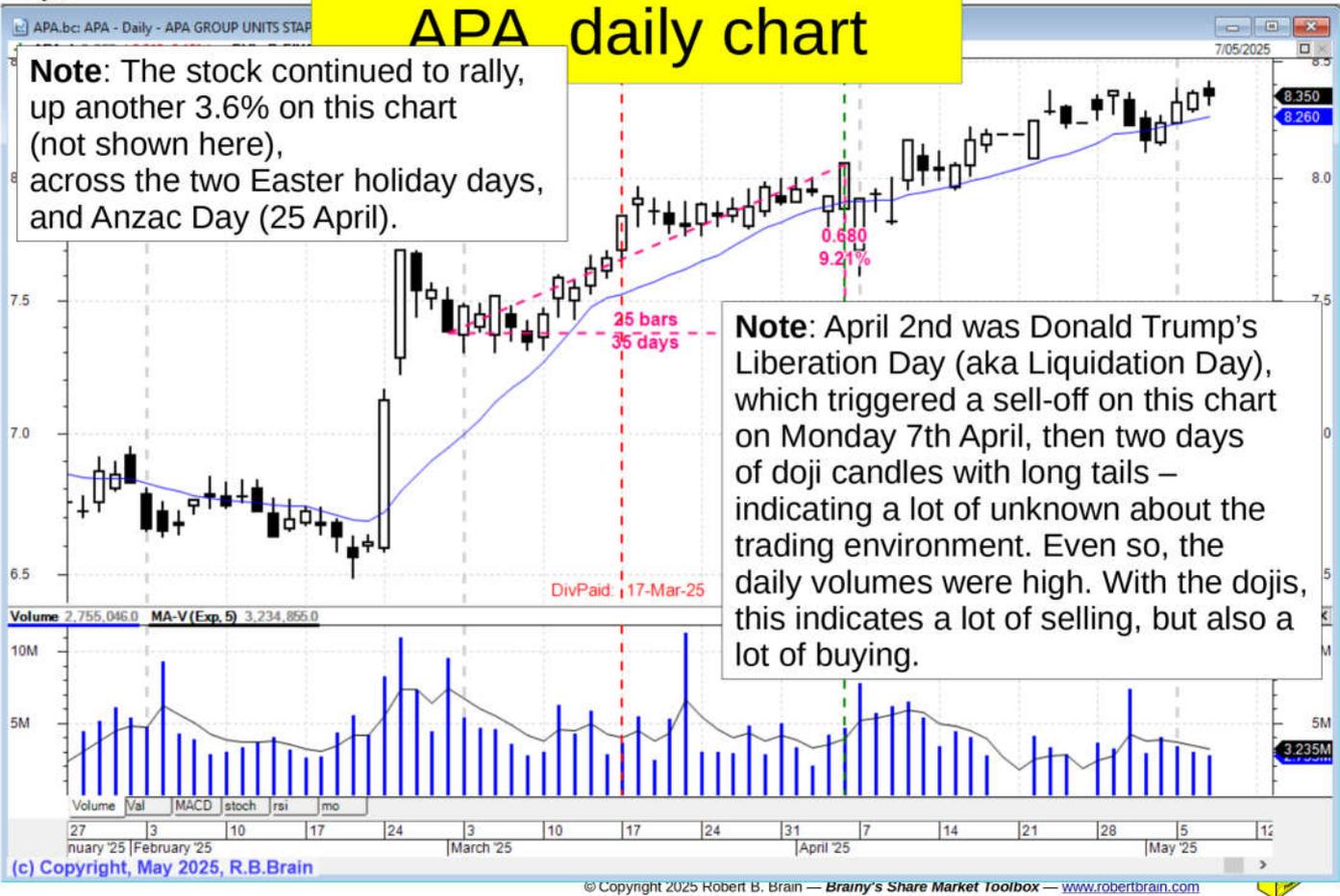
APA, daily chart





Now, the real study...

APA daily chart



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Now, the real study...

Weinstein – weekly chart

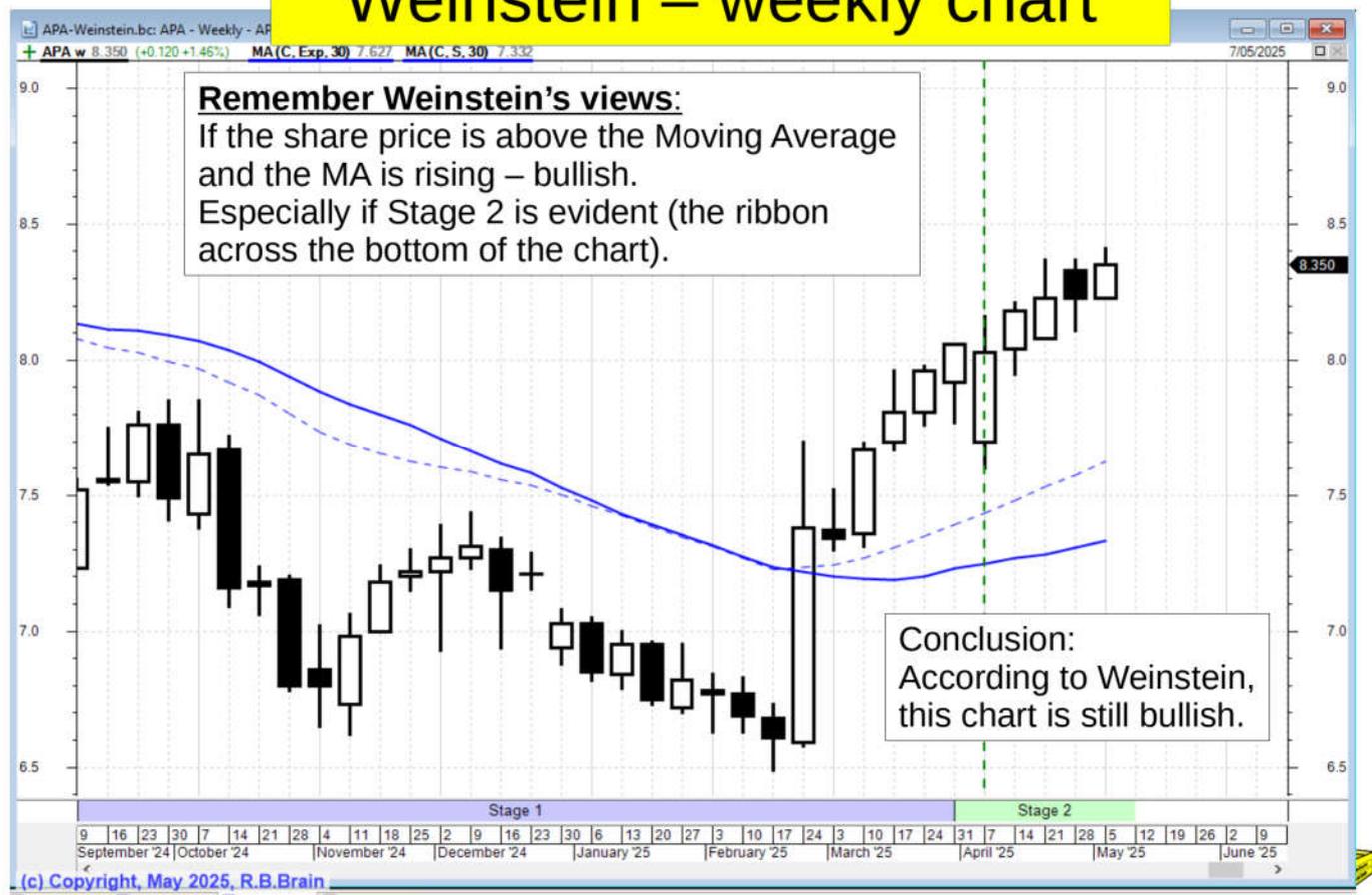


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Now, the real study...

Weinstein – weekly chart

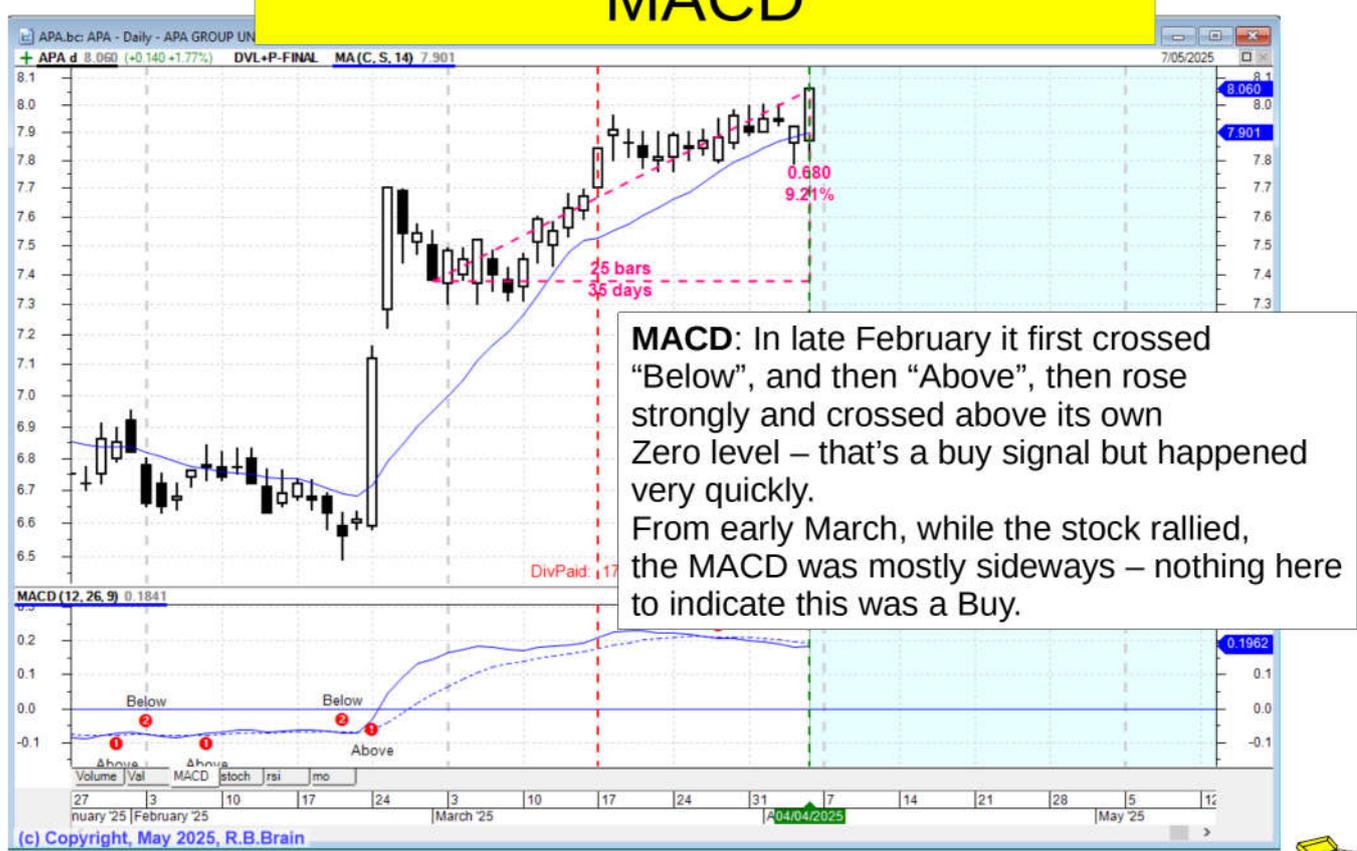


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Now, the real study...

MACD

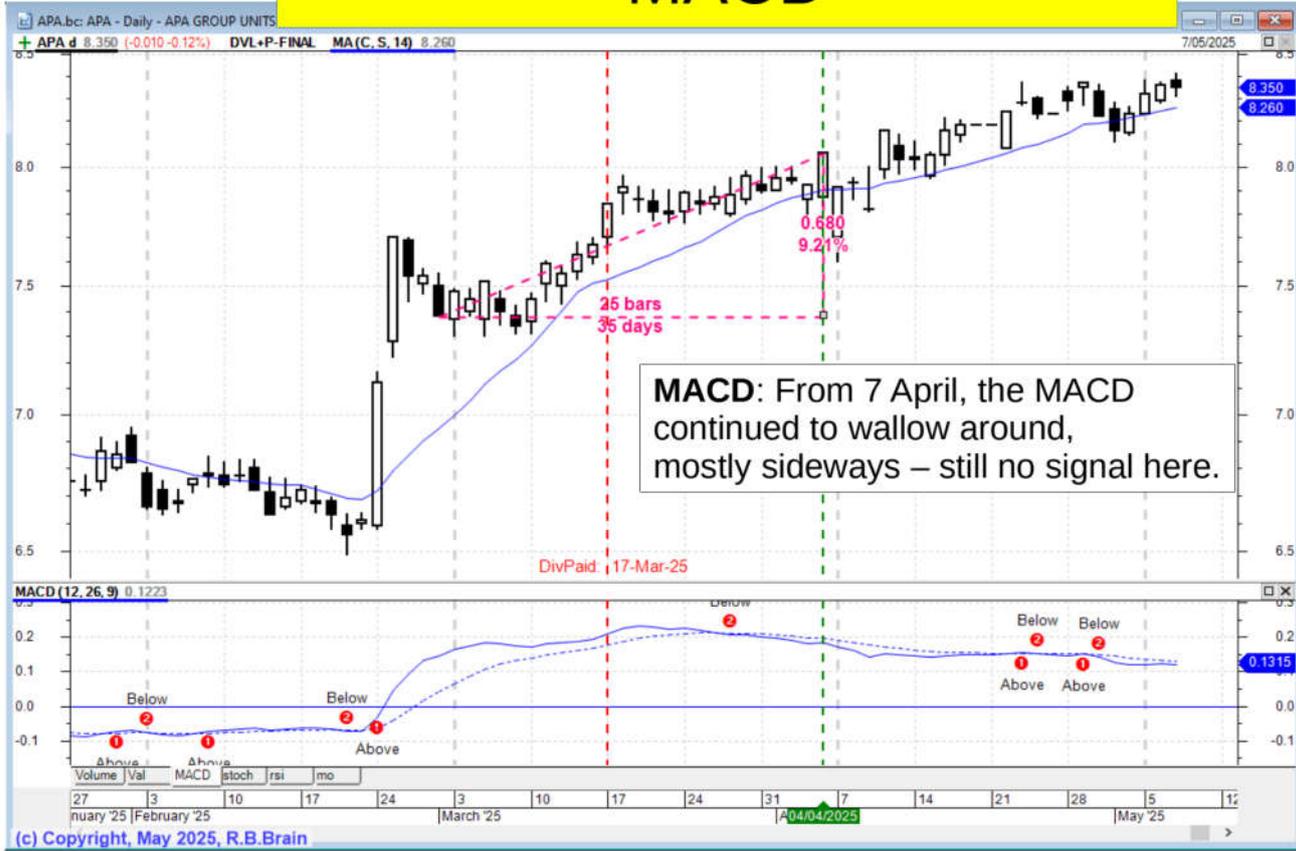


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Now, the real study...

MACD



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Now, the real study...

Stochastic





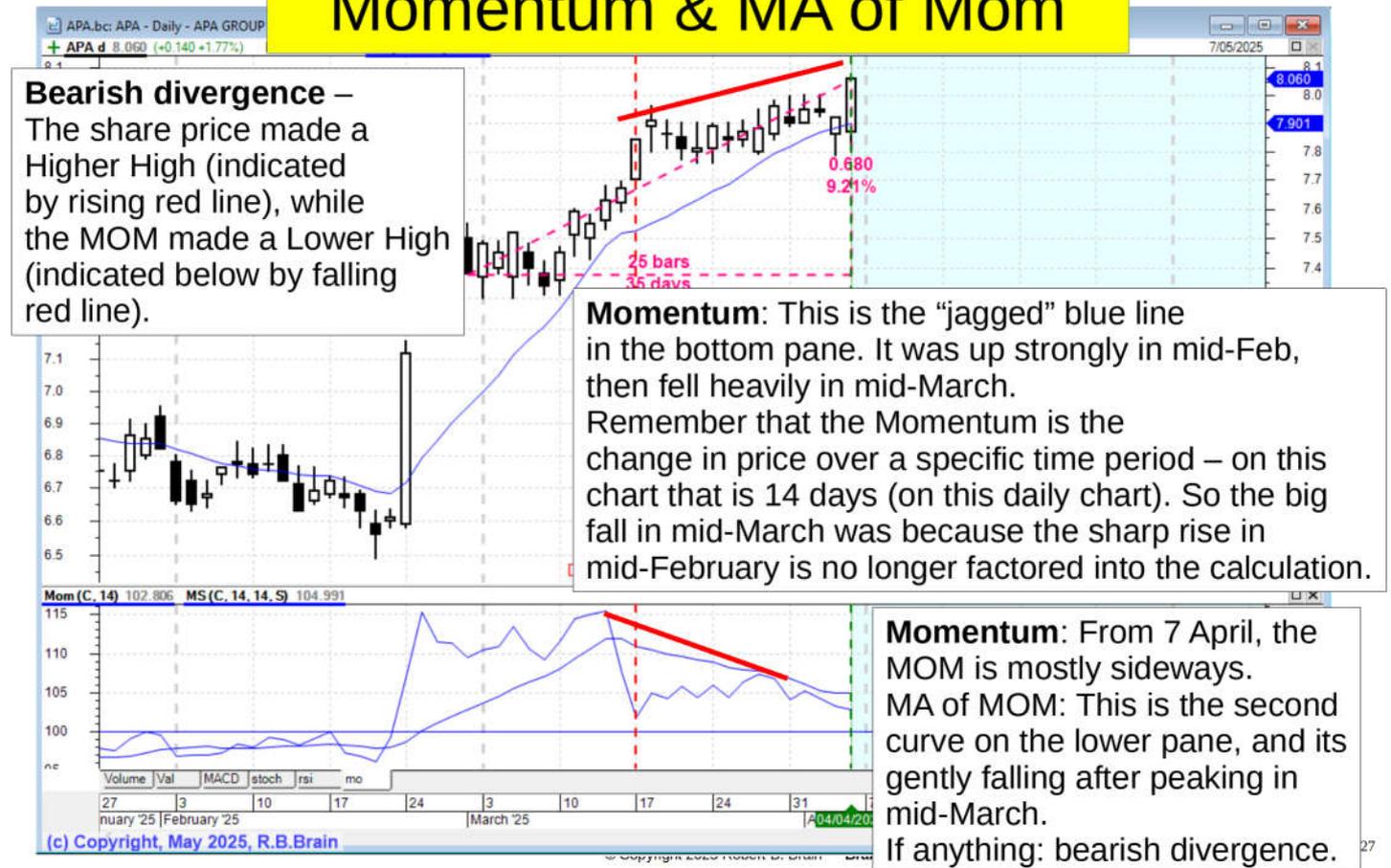
Now, the real study...

RSI



Now, the real study...

Momentum & MA of Mom





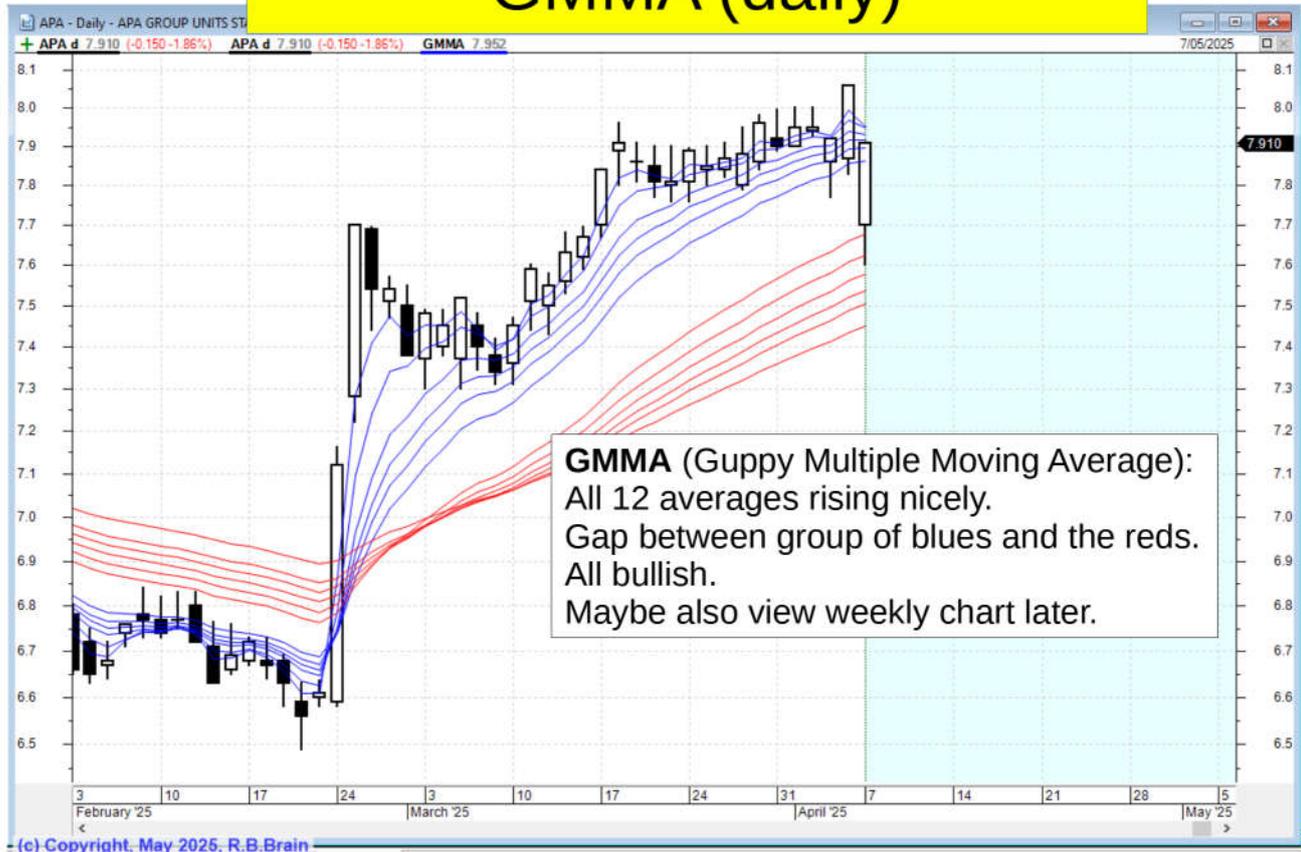
Now, the real study...

Momentum & MA of Mom



Now, the real study...

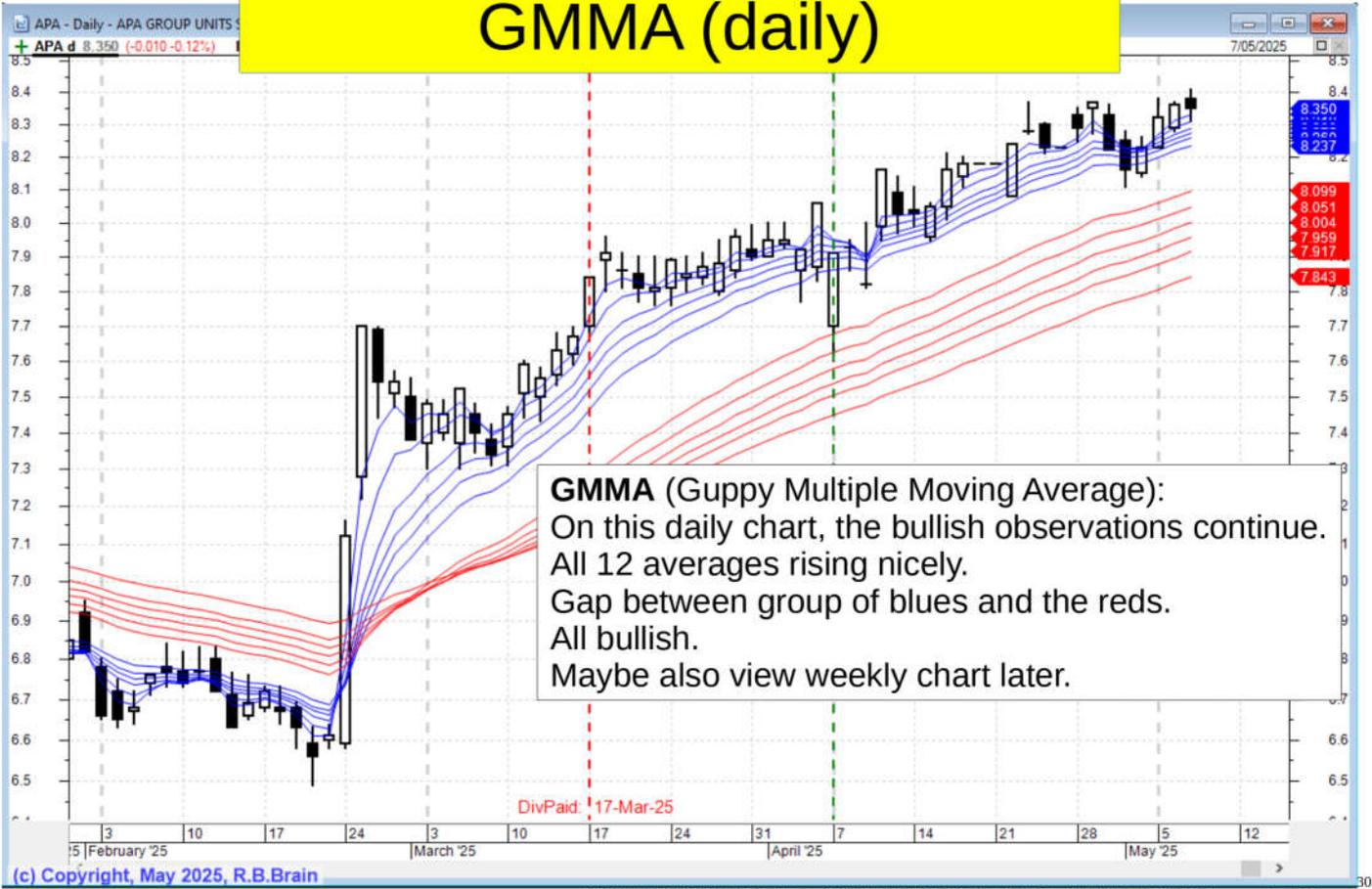
GMMA (daily)





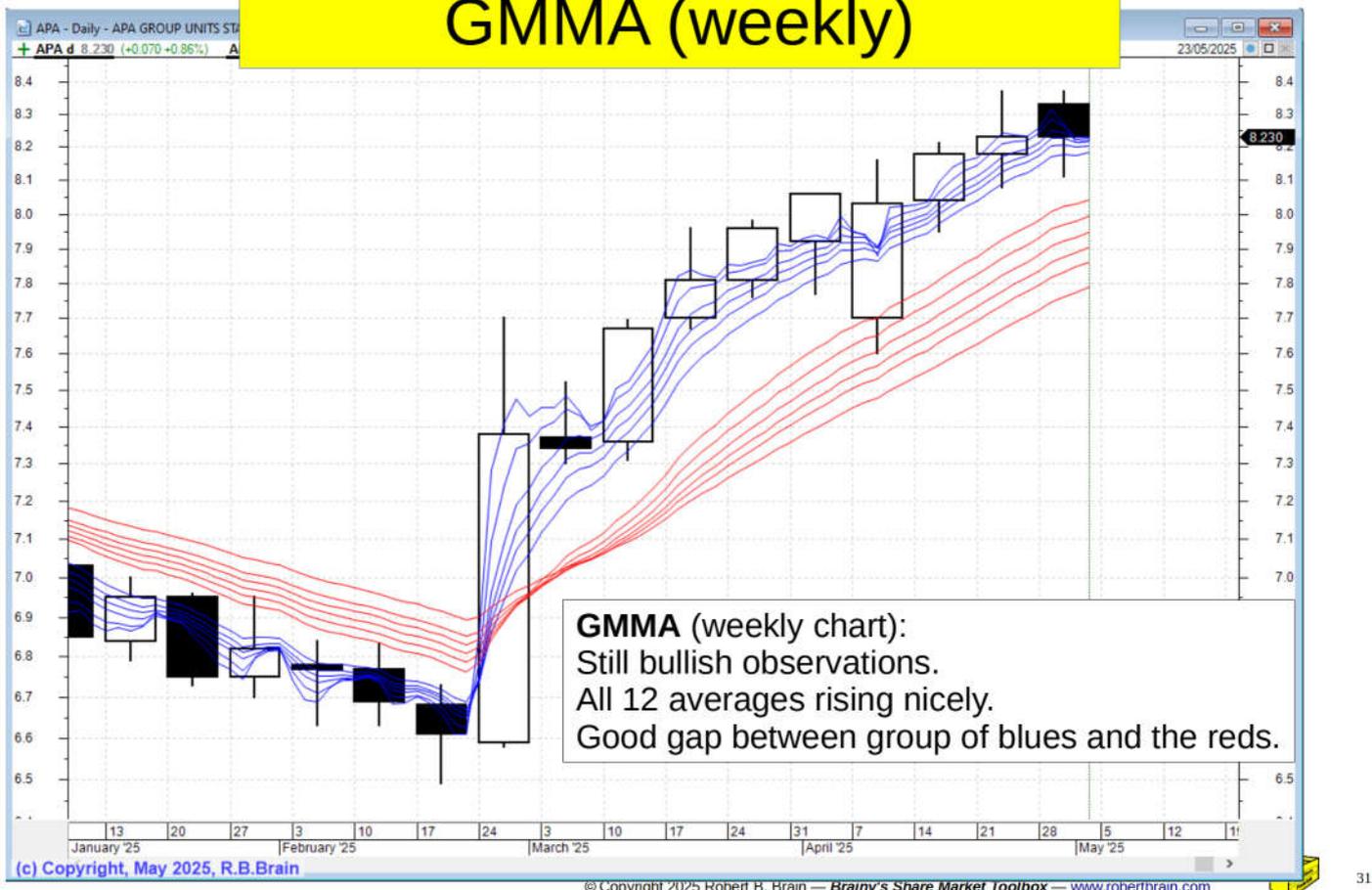
Now, the real study...

GMMA (daily)



Now, the real study...

GMMA (weekly)





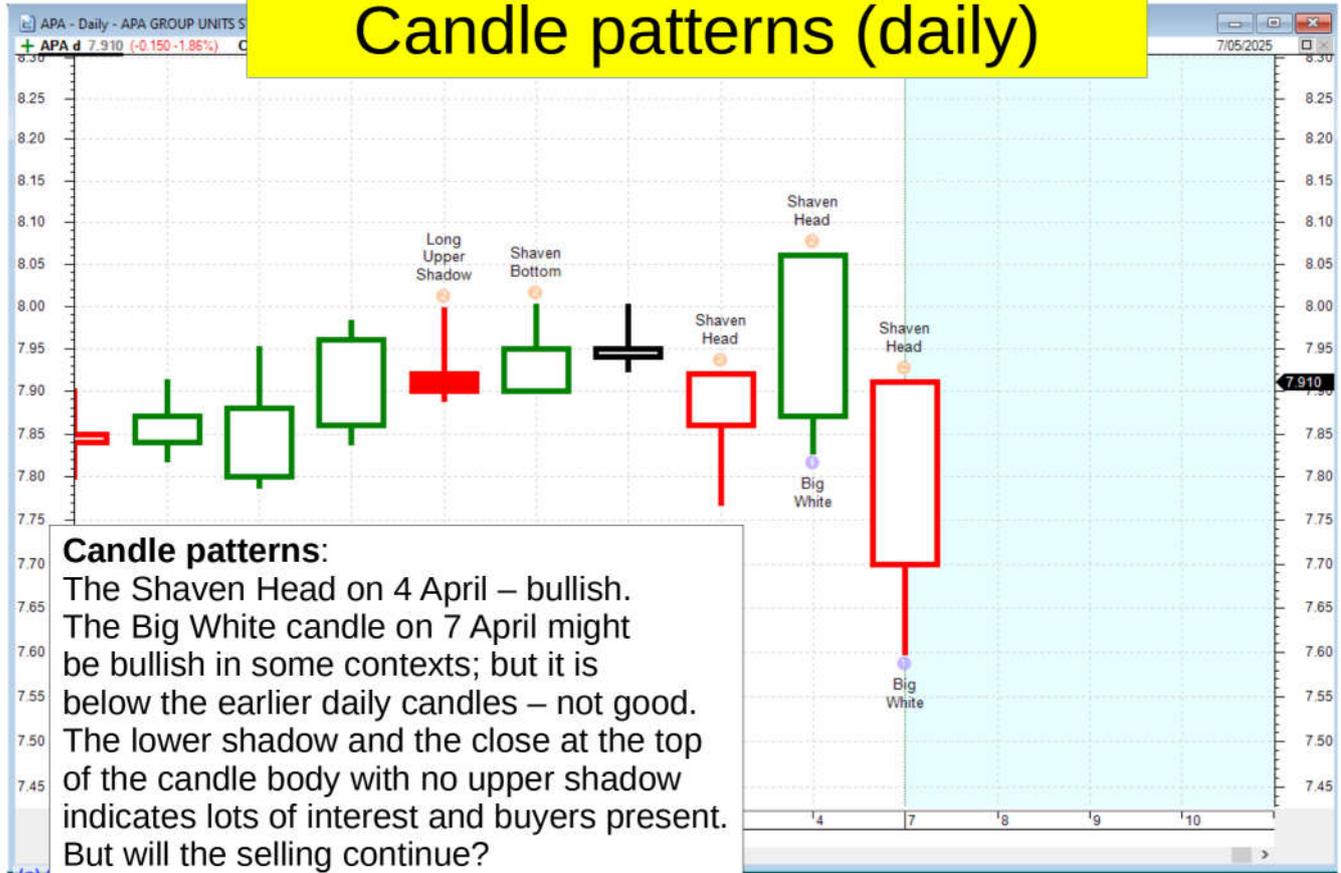
Now, the real study...

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Now, the real study...

Candle patterns (daily)



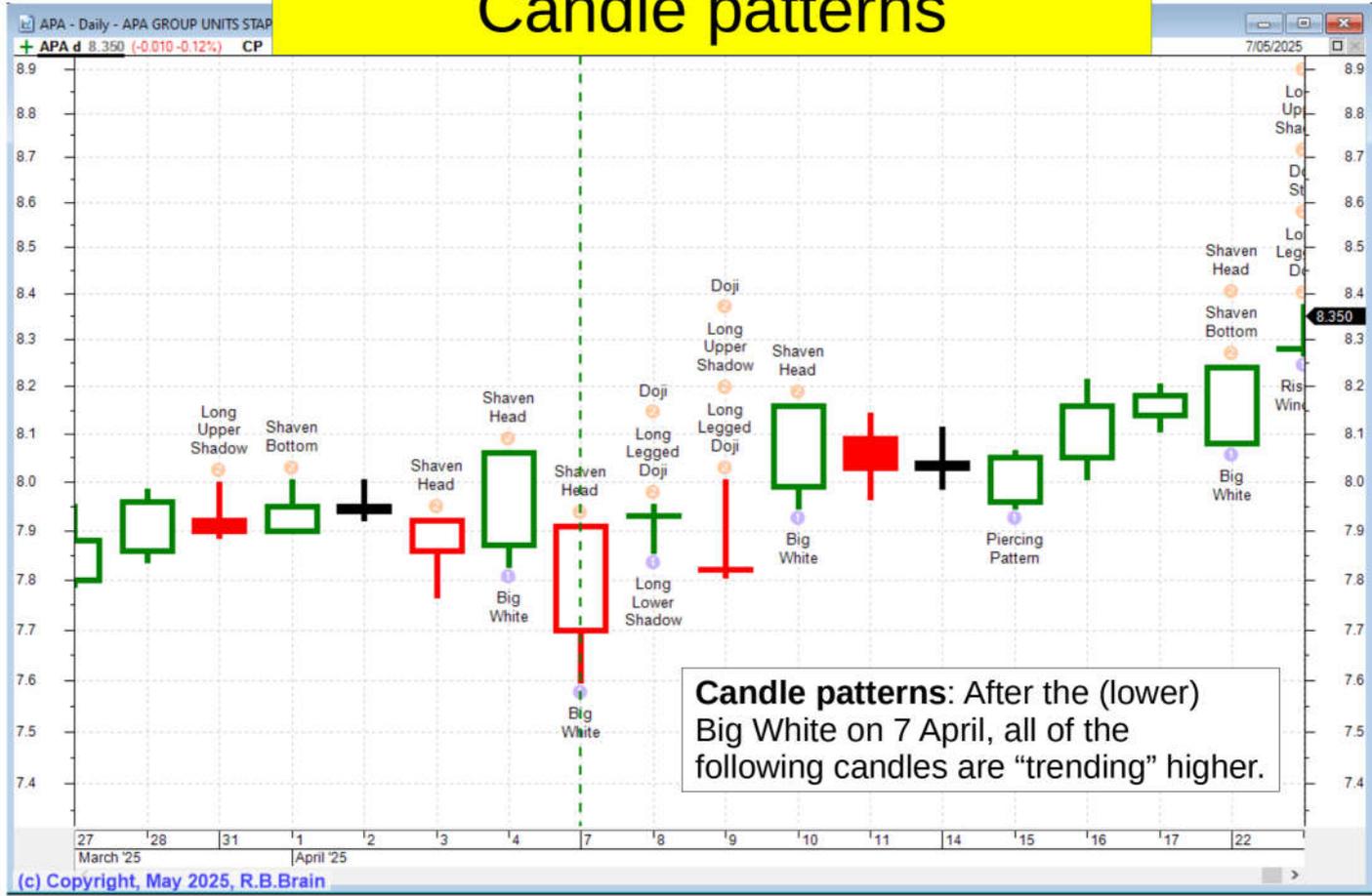
Candle patterns:
 The Shaven Head on 4 April – bullish.
 The Big White candle on 7 April might be bullish in some contexts; but it is below the earlier daily candles – not good.
 The lower shadow and the close at the top of the candle body with no upper shadow indicates lots of interest and buyers present.
 But will the selling continue?





Now, the real study...

Candle patterns

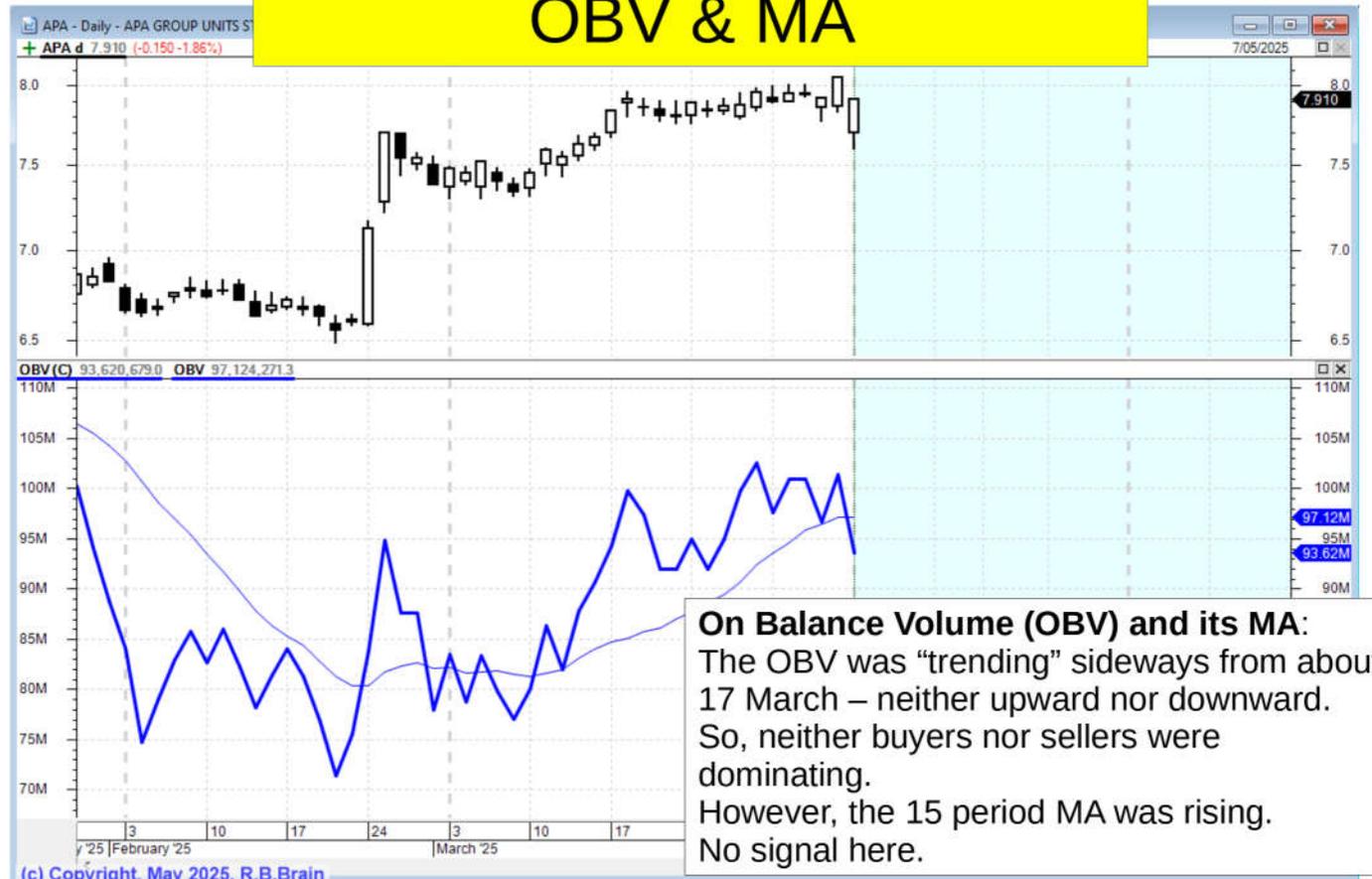


Candle patterns: After the (lower) Big White on 7 April, all of the following candles are “trending” higher.



Now, the real study...

OBV & MA



On Balance Volume (OBV) and its MA:
The OBV was “trending” sideways from about 17 March – neither upward nor downward. So, neither buyers nor sellers were dominating. However, the 15 period MA was rising. No signal here.



Now, the real study...

OBV & MA



Now, the real study...

Volume





Volume



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Summary

- How did you go?
- Did you make a decision?
- And was your decision a good one?
- Did you benefit from the discussion and the technical analysis information offered?
- **FEEDBACK?** Was this useful?
Should we repeat this session in a future meeting/webinar?



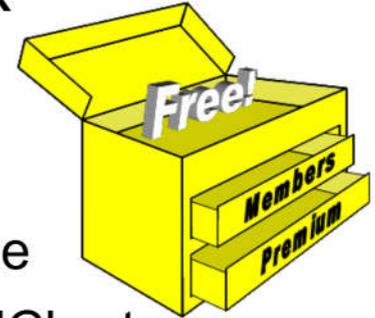
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Don't forget my Toolbox

- Brainy's **Share Market Toolbox**

- (1) www.robertbrain.com
- (2) Lots of presentations like this one
- (3) Info: share market, charting, BullCharts
- (4) Weekly Market Updates and Watch List



- Good charting software – BullCharts

www.robertbrain.com/bullcharts/

- My contact details:

web site above, or phone: 0438 355 910



- **BullCharts** - my favourite charting software.



THE END
THANK YOU



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