**Brian .**
Teacher
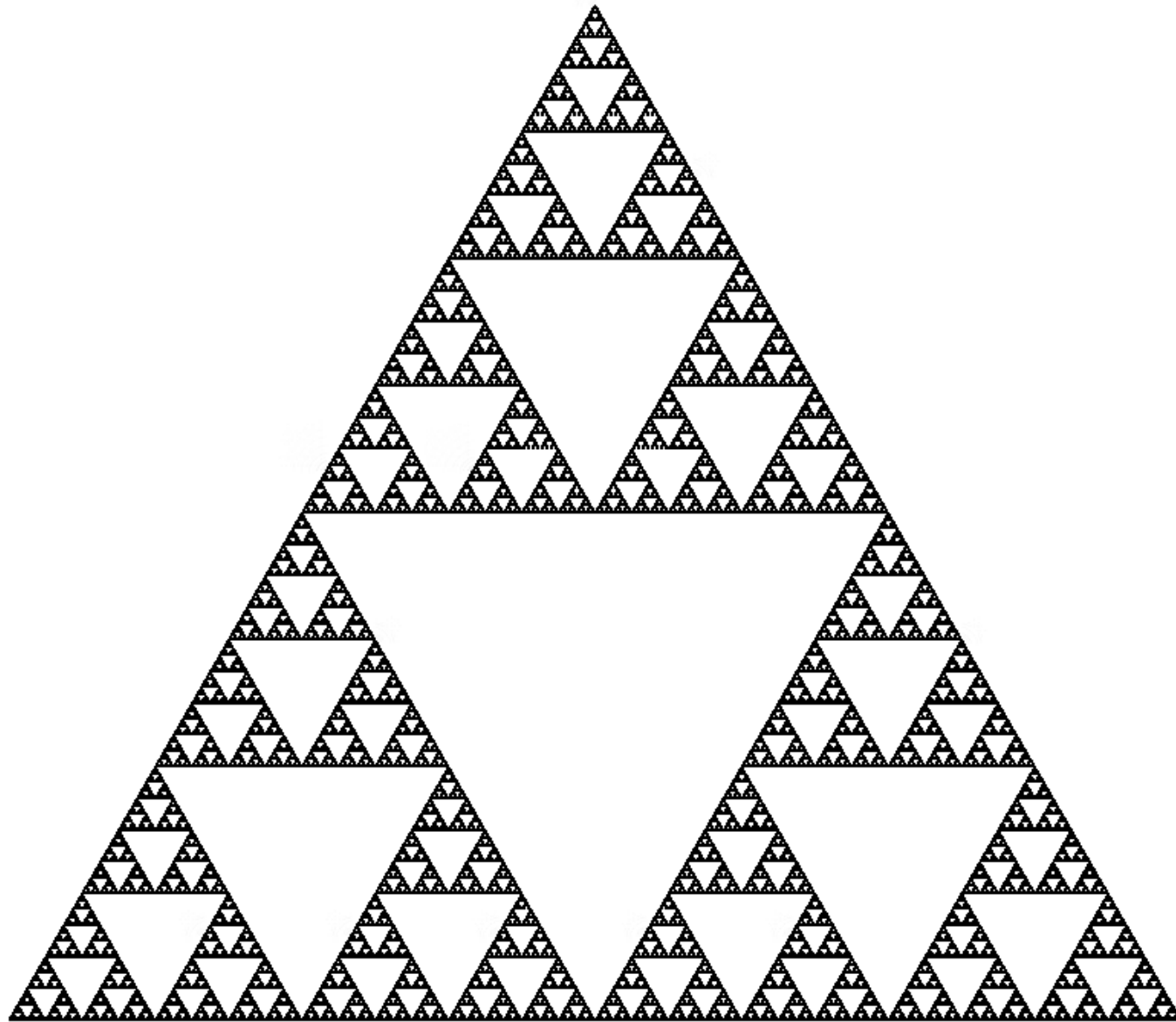
# Lesson 1 | What does fractal mean?

- Fractals are **infinitely complex patterns** that are self-similar across different scales. They are created by repeating a simple process over and over in an ongoing feedback loop. Driven by recursion, fractals are images of dynamic systems – the pictures of Chaos.

Example :

## Now, what does it mean in mean in the market?

- It means that whatever happens in the lower timeframe will also happen in the higher timeframe. Everything in the market is fractal.

- The same way a candlestick is printed on every timeframe, not just one.

- Market structure | Patterns are fractal.

-Liquidity is fractal.

-It's an **Algorithm** that runs the market so something needs to be consistent. The Algo can't just print 1 type of pattern on only the 1min timeframe and leave the other timeframes out of the equation.

-Everything in the market repeats over and over and it's our job to understand it. We may not know exactly how, but we will get very close.

# Now, what does this look like in the market?

-let's take a look at an example below:

The image above is an example of the **Higher timeframe**. Now let's look into the
**Lower timeframe**.
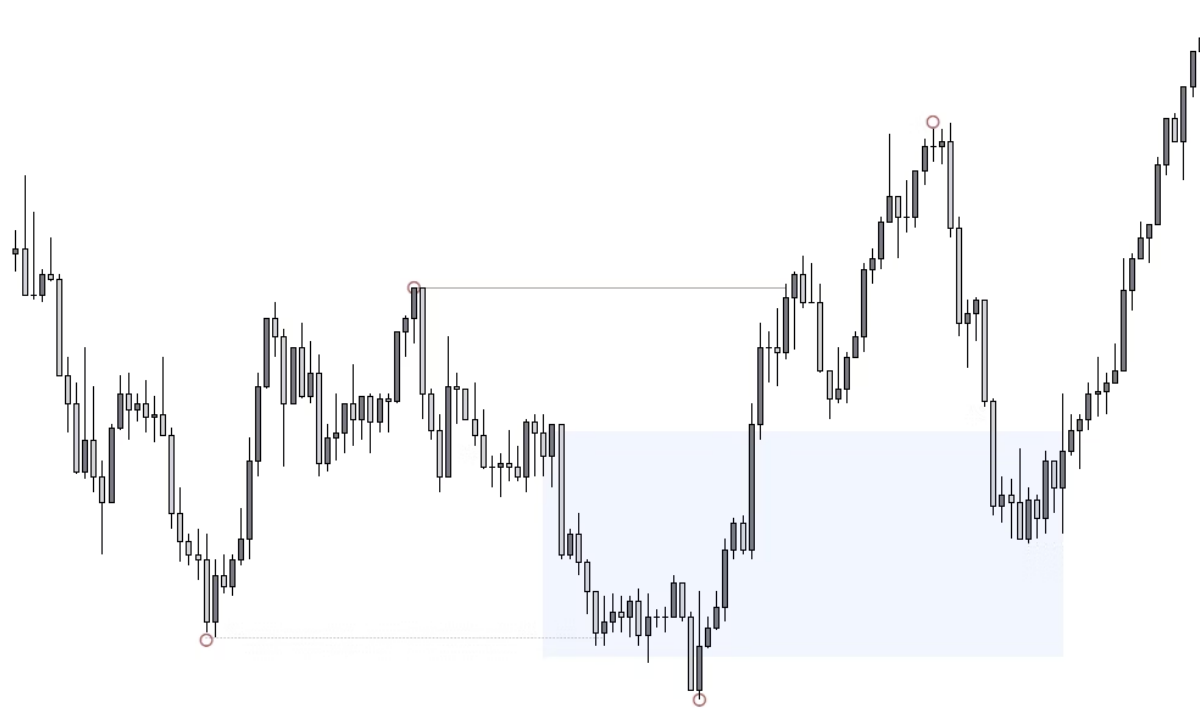
-It's much easier to see the structure in the lower timeframe than it is to see it in the higher timeframe, but at the end of the day, it's still the same.

-You can't just stay in one timeframe you must switch between them all. Our job is to trade what's clear. The market won't always look clear to you. But it may to others. So that's the reason you'll hear me say "**Trade what you see and not what you think**".

# Now let's take a deeper look :

-Notice on the image below, where the blue dots are. It's showing the same structural pattern as seen in the images above.

-Although the patterns are not perfect ( as nothing is in the market ) it's printed inside the lower timeframe which is inside the higher timeframe.

-As mentioned, something needs to be consistent in these markets. The Algo prints the same structural pattern throughout the day.

# Now let's take a look at a few examples of liquidity :

# Example 1

-Just like structure, liquidity is also fractal.

-Notice the different sizes of liquidity that are formed on the image above.

-Liquidity is everywhere. just because you can't see it on a specific timeframe doesn't mean it's not there.

# Example 2

# Now let's dive into the fractal nature of POI ( point of interest ).

# Example 1



1H POI

-Here we have a 1 Hour PO, and inside the 1 Hour PO, we will have multiple POIs in the smaller timeframes.

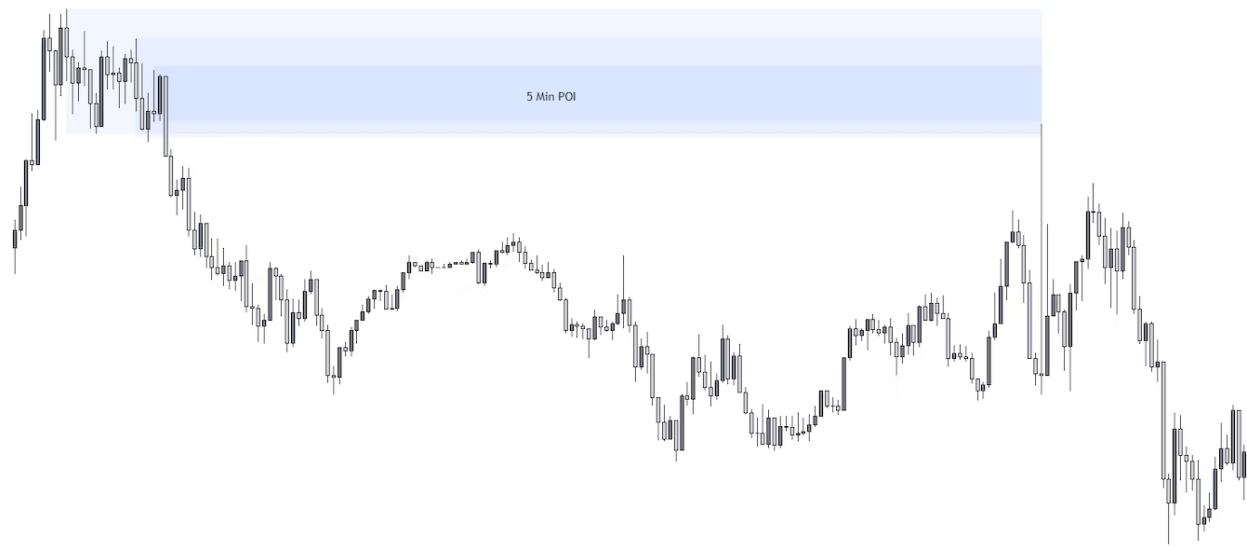- So let's drop down a few timeframes from the 1 Hour timeframe of the image above.

15 Min POI

- So dropping down to the lower timeframe, in this case, the 15 Min timeframe, notice how there is another POI inside of the 1 Hour POI.

-So let's drop down 1 more timeframe.

5 Min POI

- Dropping down to the last timeframe, which in this case is the 5 Min, notice how it's still inside the 1 Hour POI.

- Not only the 1 Hour POI but also the 15min POI.

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