



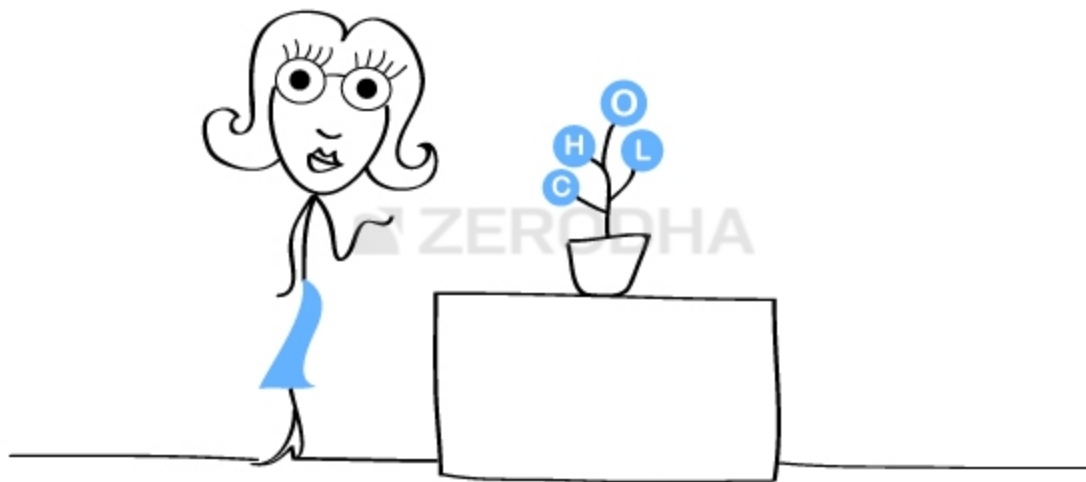
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Module 2. Technical Analysis

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3. The Chart Types

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3.1– Overview

Having recognized that the Open (O), high (H), low (L), and close (C) serves as the best way to summarize the trading action for the given period, we need a charting technique that displays this information in the most comprehensible way. If not for a good charting technique, charts can get quite complex. Each trading day has four data points, ' i.e. the OHLC. If we are looking at a 10-day chart, we need to visualize 40 data points (1-day x 4 data points per day). So you can imagine how complex it would be to visualize 6 months or a year's data.

As you may have guessed, the regular charts that we are generally used to – like the column chart, pie chart, area chart etc. do not work for technical analysis. The only exception to this is the line chart.

The regular charts don't work mainly because they display one data point at a given point in time. However, Technical Analysis requires four data points to be displayed at the same time.

Below are some of the chart types:

1. Line chart
2. Bar Chart
3. Japanese Candlestick

This module's focus will be on the Japanese Candlesticks; however, before we get to candlesticks, we will understand why we don't use the line and bar chart.

3.2 – The Line and Bar chart

The line chart is the most basic chart type, and it uses only one data point to form the chart. When it comes to technical analysis, a line chart is formed by plotting a stock's closing prices or an index. A dot is placed for each closing price, and a line then connects the various dots.

If we are looking at 60-day data, then the line chart is formed by connecting the closing prices' dots for 60 days.



The line charts can be plotted for various time frames, namely monthly, weekly, hourly etc. So, if you wish to draw a weekly line chart, you can use weekly closing prices of securities and other time frames.

The advantage of the line chart is its simplicity. With one glance, the trader can identify the general trend of security. However, the disadvantage of the line chart is also its simplicity. Besides giving the analysts a view on the trend, the line chart does not provide any additional detail. Plus the line chart takes into consideration only the closing prices ignoring the open, high and low. For this reason, traders prefer not to use the line charts.

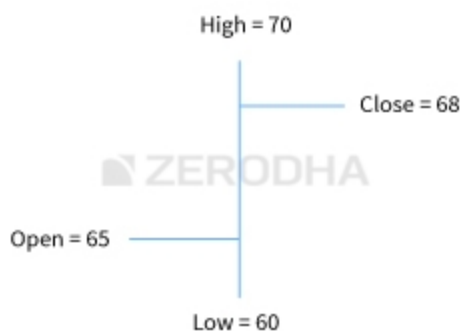
The bar chart, on the other hand, is a bit more versatile. A bar chart displays all four price variables: open, high, low, and close. A bar has three components.

1. The central line – The top of the bar indicates the highest price the security has reached. The bottom end of the bar indicates the lowest price for the same period.
2. The left mark/tick – indicates the open.
3. The right mark/tick – indicates the close.

For example, assume the OHLC data for a stock as follows:

Open – 65
High – 70
Low – 60
Close – 68

For the above data, the bar chart would look like this:

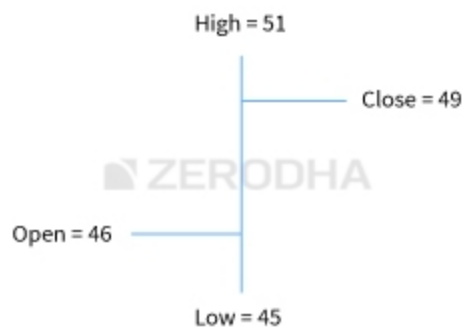


As you can see, in a single bar, we can plot four different price points. If you wish to view 5 days chart, we will have 5 vertical bars as you would imagine. So on and so forth.



Note that the left and right mark on the bar chart varies based on how the market has moved for the given day.

If the left mark, which represents the opening price, is lower than the right mark, it indicates that the close is higher than the open (close > open), hence a positive day for the markets. For example consider this: O = 46, H = 51, L = 45, C = 49. To indicate it is a bullish day, the bar is represented in blue colour.



Likewise, if the left mark is higher than the right mark, it indicates that the close is lower than the open (close < open), hence a negative day for markets. For example consider this: O = 74, H=76, L=70, C=71. To indicate it is a bearish day, the bar is represented in red colour.



The length of the central line indicates the range for the day. A range can be defined as the difference between the high and low. Longer the line, bigger the range, shorter the line, smaller is the range.

While the bar chart displays all the four data points, it still lacks a visual appeal. This is probably the biggest disadvantage of a bar chart. It becomes tough to spot potential patterns brewing when one is looking at a bar chart. The complexity increases when a trader has to analyze multiple charts during the day.

Hence, for this reason, the traders do not use bar charts. However, it is worth mentioning that there are traders who prefer to use bar charts. But if you are starting fresh, I would strongly recommend the use of Japanese Candlesticks. Candlesticks are the default option for the majority in the trading community.

3.3 – History of the Japanese Candlestick

Before we jump in, it is worth spending time to understand in brief the history of the Japanese Candlesticks. As the name suggests, the candlesticks originated from Japan. The earliest use of candlesticks dates back to the 18th century by a Japanese rice merchant named Homma Munechisa.

Though the candlesticks have been in existence for a long time in Japan, and are probably the oldest form of price analysis, the western world traders were clueless about it. It is believed that sometime around 1980's a trader named Steve Nison accidentally discovered candlesticks, and he introduced the methodology to the rest of the world. He authored the first-ever book on candlesticks titled "Japanese Candlestick Charting Techniques" which is still a favourite amongst many traders.

Most of the candlesticks pattern still retains the Japanese names; thus giving an oriental feel to technical analysis.

3.4 – Candlestick Anatomy

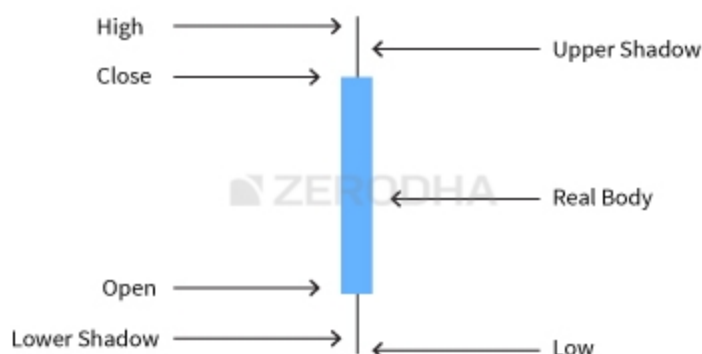
While in a bar chart the open and the close prices are shown by a tick on the left and the right sides of the bar respectively, however in a candlestick the open and close prices are displayed by a rectangular body.

In a candlestick chart, candles can be classified as a bullish or bearish candle usually represented by blue/green/white and red/black candles. Needless to say, the colours can be customized to any colour of your choice; the technical analysis software allows you to do this. This module has opted for the blue and red combination to represent bullish and bearish candles, respectively.

Let us look at the **bullish candle**. The candlestick, like a bar chart, is made of 3 components.

1. The Central real body – The real body, rectangular connects the opening and closing price.
2. Upper shadow – Connects the high point to the close.
3. Lower Shadow – Connects the low point to the open.

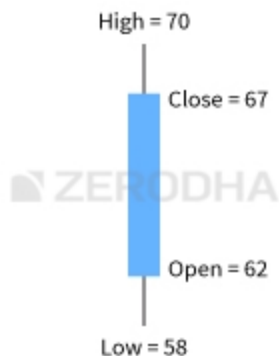
Have a look at the image below to understand how a bullish candlestick is formed:



This is best understood with an example. Let us assume the prices as follows.

Open = 62
High = 70

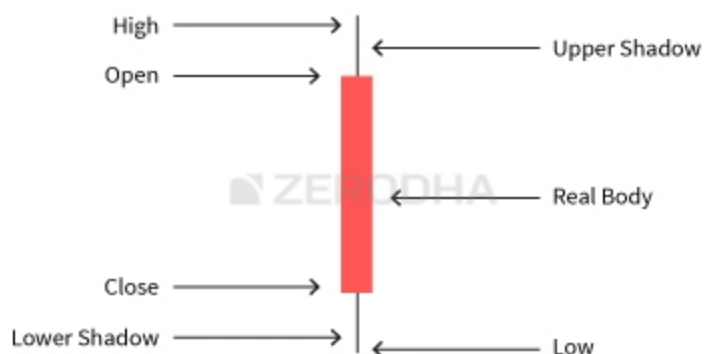
Low = 58
Close = 67



Likewise, the bearish candle also has 3 components:

1. The Central real body – The real body, rectangular which connects the opening and closing price. However, the opening is at the top end, and the closing is at the rectangle's bottom end.
2. Upper shadow – Connects the high point to the open.
3. Lower Shadow – Connects the Low point to the close.

This is how a bearish candle would look like:



This is best understood with an example. Let us assume the prices as follows.

Open = 456
High = 470
Low = 420
Close = 435



Here is a little exercise to help you understand the candlestick pattern better. Try and plot the candlesticks for the given data.

Day Open High Low Close

Day 1 430 444 425 438

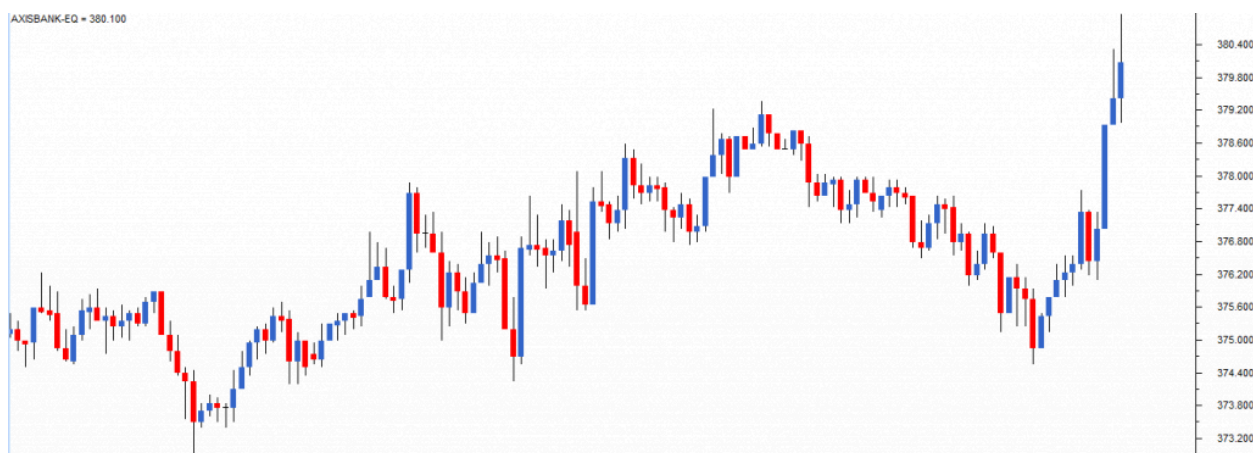
Day 2 445 455 438 450

Day 3 445 455 430 437

If you find any difficulty in doing this exercise, please ask your query in the comments at the end of this chapter.

Once you internalize the way candlesticks are plotted, reading the candlesticks to identify patterns becomes a lot easier.

This is how the candlestick chart looks like if you were to plot them on a time series. The blue candle indicates bullishness and red indicates bearishness.



Also note, a long-bodied candle depicts strong buying or selling activity. A short-bodied candle depicts less trading activity and hence less price movement.

To sum up, candlesticks are easier to interpret in comparison to the bar chart. Candlesticks help you quickly visualize the relationship between the open and close and the high and low price points.

3.5 – A note on time frames

A time frame is defined as the time duration during which one chooses to study a particular chart. Some of the popular time frames that technical analysts use are:

- Monthly Charts
- Weekly charts
- Daily or End of day charts
- Intraday charts – 30 Mins, 15 mins and 5 minutes

One can customize the time frame as per their requirement. For example, a high-frequency trader may want to use a 1-minute chart instead of any other time frame.

Here is a quick note on different types of time frames.

Time Frame	Open	High	Low	Close	No of Candles
------------	------	------	-----	-------	---------------

Monthly	The opening price on the first day of the month	The highest price at which the stock traded during the entire month	The lowest price at which the stock traded during the entire month	The closing price on the last day of the month	12 candles for the entire year
Weekly	Monday's Opening Price	The highest price at which the stock traded during the entire week	The lowest price at which the stock traded during the entire week	The closing price on Friday	52 candles for the entire year
Daily or EOD	The opening price of the day	The highest price at which the stock traded during the day	The lowest price at which the stock traded during the entire day	The closing price of the day	One candle per day, 252 candles for the entire year
Intraday 30 minutes	The opening price at the beginning of the 1st minute	The highest price at which the stock traded during the 30-minute duration	The lowest price at which the stock traded during the 30-minute duration	The closing price as on the 30th minute	Approximately 12 candles per day
Intraday 15 minutes	The opening price at the beginning of the 1st minute	The highest price at which the stock traded during the 15-minute duration	The lowest price at which the stock traded during the 15-minute duration	The closing price as on the 15th minute	25 candles per day
Intraday 5 minutes	The opening price at the beginning of the 1st minute	The highest price at which the stock traded during the 5-minute duration	The lowest price at which the stock traded during the 5-minute duration	The closing price as on the 5th minute	75 candles per day

As you can see from the table above, the number of candles (data points) increases when the time frame reduces. Based on the type of trader you are, you need to take a stand on the time frame you need.

The data can either be information or noise. As a trader, you need to filter information from noise. For instance, a long term investor is better off looking at weekly or monthly charts as this would provide information. While on the other hand an intraday trader executing 1 or 2 trades per day is better off looking at the end of the day (EOD) or at best 15 mins charts. Likewise, for a high-frequency trader, 1-minute charts can convey a lot of information.

So based on your stance as a trader, you need to choose a time frame. This is extremely crucial for your trading success because a successful trader looks for information and discards the noise.

Key takeaways from this chapter

1. Conventional chart type cannot be used for technical analysis as we need to plot 4 data points simultaneously.
2. A line chart can be used to interpret trends, but no other information can be derived.
3. Bar charts lack visual appeal, and one cannot identify patterns easily. For this reason, bar charts are not very popular.
4. There are two types of candlesticks – Bullish candle and Bearish candle. The structure of the candlestick, however, remains the same.
5. When close > open = It is a Bullish candle. When close < open = It is a Bearish candle.
6. Time frames play a very crucial role in defining trading success. One has to choose this carefully.
7. The number of candle increases as and when the frequency increases
8. Traders should be in a position to discard noise from relevant information

[703 comments](#)1. *Nikhil Gupta* says:[November 28, 2025 at 2:54 pm](#)

Sir, I've been following this course and had a couple of questions regarding this:-

- 1) What are After Market Order and how does it effects opening and closing price?
- 2) How can I develop the skill to analyze what is noise and what is information more thoroughly and also analyze that information to make informed decision? I have started reading financial newspaper but it seems to be too cluttered with noise.

[Reply](#)o *Karthik Rangappa* says:[December 1, 2025 at 1:47 pm](#)

1) Do check this – <https://support.zerodha.com/category/trading-and-markets/charts-and-orders/order/articles/auto-amo>

2) I think the best way is to take up small trades and track your thesis as to why you took that trade and how it turned out. No best teacher than market itself.

[Reply](#)2. *kishlay kumar* says:[November 17, 2025 at 11:41 am](#)

So, it is safe to say that when a candle opens high and closes low then its bearish. And when it opens low and closes high then its bullish right?
just like the exercise the day 1 and 2 are bullish and day 3rd is bearish

[Reply](#)o *Karthik Rangappa* says:[November 18, 2025 at 12:08 pm](#)

You need to compare it with previous day. If it opens high and closes low, but wrt previous day it closes positive, then its bullish overnight, but intraday bearish 😊

[Reply](#)3. *Aman Yadav* says:[October 25, 2025 at 1:09 pm](#)


can you guys make module which explain the following

- 1) how to use NSE data
- 2) use of 'screener'
- 3) explaining 'trading view' for beginners and some useful features of it

[Reply](#)o *Karthik Rangappa* says:[October 26, 2025 at 1:38 pm](#)


Hmm, will think through this. Meanwhile, please do keep a track on all the courses here – <https://varsitylive.zerodha.com/home>

[Reply](#)

4.  *Savita* says:
[July 20, 2025 at 10:22 pm](#)

daily time frame me koi aur pattern ban rha ho aur 15 min me koi aur...to kis pr trust kre

[Reply](#)

- o  *Gaurang Mahendra Patel* says:
[August 7, 2025 at 10:27 am](#)


Broader the time frame better the picture. Shorter time frame is for short term or daily profit means. Needs attention all the while. Daily or weekly gives better trend for longer time frame invest clarity.

[Reply](#)

-  *Karthik Rangappa* says:
[August 8, 2025 at 12:15 pm](#)


I agree, larger the timeframe, the better it is. Less noise 😊

[Reply](#)

- o  *Nishil Saini* says:
[October 25, 2025 at 1:20 am](#)

higher time frame is give more importance.

[Reply](#)

5.  *Arun Krishnan* says:
[June 5, 2025 at 11:45 pm](#)

Hello Karthik,

It would be helpful if you could create few more topics related to


- 1) Breakout analysis
- 2) Types of chart patterns(Ascending triangles, descending triangles etc)
- 3) FII, DII data analysis

[Reply](#)

- o  *Karthik Rangappa* says:
[June 6, 2025 at 9:59 am](#)

Noted, Arun.

[Reply](#)

6.  *Jayesh* says:
[March 23, 2025 at 8:08 pm](#)


What is difference between intraday time frame and daily time frame?

[Reply](#)

- o  *Karthik Rangappa* says:
[March 24, 2025 at 7:28 am](#)


Intraday helps you visualize the price movement on shorter timeframes like 5 minutes, 10 minutes, 15 minutes, etc....whereas daily time frame lets you look at the charts from 1 day perspective.

[Reply](#)

- o  *Savita* says:
[July 20, 2025 at 6:54 pm](#)


how to learn to trade by using zerodha kite app? zerodha kite app has many features and keys and we dont know the use of many keys..how to learn this?

[Reply](#)

-  *Karthik Rangappa* says:
[July 21, 2025 at 7:37 am](#)

Savita, please do enrol for this session –
<https://varsitylive.zerodha.com/programmes/3f2973a2-b6f2-4c18-ba1d-4c48346937b6>

[Reply](#)

7.  *Aditya* says:
[October 21, 2024 at 6:34 pm](#)


Will not the closing of previous day be the same as opening of next day?

[Reply](#)

- o  *Karthik Rangappa* says:
[October 22, 2024 at 12:07 pm](#)


No, check this – <https://www.youtube.com/shorts/oCj3LzeVTj8>

[Reply](#)

-  *Srinivas* says:
[March 31, 2025 at 8:37 pm](#)

The correct link should be <https://www.youtube.com/shorts/5uhDBpH3Og4>

[Reply](#)

-  *Hridesh MG* says:
[April 11, 2025 at 8:02 pm](#)


In the previous module we learnt that stock price is a function of the actions that traders make on the market. In this case, when stock prices change overnight, who is making these actions? Is it the exchanges?

[Reply](#)

-  *Karthik Rangappa* says:
[April 12, 2025 at 12:40 pm](#)


No, it is still the traders. Exchanges wont interfere in price discovery.

[Reply](#)

-  *Nikita* says:
[September 3, 2025 at 8:15 am](#)

Sir existing modules ke videos available hai kya? agar hai to kaha milega

[Reply](#)

8.  *shakeel* says:
[September 17, 2024 at 12:47 am](#)


My question is that I think opening price of a share in new trading session should be equal to the closing price of previous trading session, but I have observed that this is not the case why is it so and how pre opening session works.

[Reply](#)

-  *Karthik Rangappa* says:
[September 17, 2024 at 11:47 am](#)

Ah, we are putting up a short video explaining this, Shakeel. Please look for that on our Youtube or Insta.

[Reply](#)

9.  *shakeel* says:
[September 17, 2024 at 12:46 am](#)


Hi Sir, My doubt here is if you are trading long term, I'd suggest you don't really look at TA. How would it matter if you bought a stock at 100 or 103 in the longer run?" So sir how are supposed to decide that at which point to enter in a fundamentally strong company and at which point we should exit?

[Reply](#)

-  *Karthik Rangappa* says:
[September 17, 2024 at 11:45 am](#)

Thats the reason we always talk about a price range within which a stock is considered fundamentally valued and not get stuck on a particular price.

[Reply](#)

10.  *Tawfiq* says:
[September 4, 2024 at 9:52 pm](#)


Hi sir, What is the recommended time frame for swing trading?

[Reply](#)

- o  *Karthik Rangappa* says:
[September 5, 2024 at 8:05 am](#)

At least a few days if not weeks 😊

[Reply](#)

11.  *Madusudanan* says:
[August 9, 2024 at 4:59 pm](#)


Well, I was assuming it was the start of the markets and hence it will open at what price it closed yesterday or the previous trading day. Minor nitpick but just checking if I am missing anything here.

[Reply](#)

- o  *Karthik Rangappa* says:
[August 11, 2024 at 11:34 am](#)

The opening price need not be the same as the previous day's close. I've made a short video on this explaining why, it will come up on our Instagram channel soon 😊

[Reply](#)

12.  *Madusudanan* says:
[August 8, 2024 at 4:24 pm](#)


How can Day 3 open at 445 when Day 2 closed at 450?

[Reply](#)

- o  *Karthik Rangappa* says:
[August 9, 2024 at 11:13 am](#)

It can right? Why do you think that not possible?

[Reply](#)

13.  *Md sahid* says:
[May 19, 2024 at 3:55 pm](#)


Sir I have gone through the video model of the model(3),in witch I have read all the key points and in the 8th poin \"Trader should discard noise from relevant information\",My question is what do you ment \"discard\",what kind of \"noise\" you are talking about, and what kind of \"information\" is it the information we det from viewing the char or something else. Plise help.

[Reply](#)

- o  *Karthik Rangappa* says:
[May 20, 2024 at 12:08 pm](#)

Think about this – you ask your friend to give live update of the prices of onions from the vegetable markets. He keeps relaying the price as 30 per Kg every 5 mins. So that would be 100s of messages to you giving you same information...thats noise. But maybe in the evening, the price changed to 31.50, that was information. So as a trader, you should know what is noise and what is information.

[Reply](#)

14.  *Daljeet Arora* says:
[February 19, 2024 at 6:25 pm](#)

Had the following questions:

Body:

Does it mean that whatever trading that happened, it happened at the prices b/w Open and Close?

Wick – Does it mean that:


- Trade occurred at the High (price)
- Trade occurred at the Low (price)
- But no trade occurred at the prices b/w Open/Close and Low/High (since it's just a line connecting the Open/Close with Low/High)

[Reply](#)

- o  *Karthik Rangappa* says:
[February 20, 2024 at 10:30 am](#)

Thats right, Daljeet.

[Reply](#)

15.  *Neeharika* says:
[January 30, 2024 at 7:32 pm](#)


Hello Karthik, I am new to option trading and unable to create chart the way suggested above for intraday. How can I do it in my zerodha account?

[Reply](#)

- o  *Karthik Rangappa* says:
[January 31, 2024 at 10:12 am](#)

I'd suggest you call the support desk for this, they will be happy to walk you through the process, Neeharika.

[Reply](#)

16.  *Veni Madhav* says:
[December 23, 2023 at 3:15 pm](#)

May I know if Pi software is available right now?

[Reply](#)

- o  *Karthik Rangappa* says:
[December 24, 2023 at 9:28 am](#)

Nope, its not available, Veni.

[Reply](#)

17.  *Suvarna* says:

[November 20, 2023 at 5:11 pm](#)

How to identify noise and how to avoid it..can you please elaborate on it.

[Reply](#)



- o *Karthik Rangappa* says:
[November 21, 2023 at 10:24 am](#)

Generally speaking, longer the time frame of the chart, lesser the noise. So do try to stick to end of day chart or longer.

[Reply](#)



18. *mauli* says:

[October 7, 2023 at 4:37 pm](#)

There are showed that long shadow and short shadow what is represent it?

[Reply](#)



- o *Karthik Rangappa* says:
[October 8, 2023 at 7:47 am](#)

It just indicates the peak price movement from the high point and low point with respect to open and close. I've discussed this in the further chapters.

[Reply](#)



19. *Ranjan* says:

[October 1, 2023 at 12:44 pm](#)

there is term \"Look Back Period\".

As per the timeframe table, does the look-back period is the same as the \"number of candles\"? and if not then what could be the answer for each time frame?

[Reply](#)



- o *Karthik Rangappa* says:
[October 2, 2023 at 9:59 am](#)

Thats right, look back period is based on the number of candles, which in turn is number of days, assuming you look at EOD charts.

[Reply](#)



20. *Raj* says:

[September 14, 2023 at 11:05 am](#)

Sir, as explained in the chapter, TA is used for short term trades(few minutes to few weeks), then how can monthly or weekly time frames be used? Aren't those used for long term investor?


[Reply](#)



- o *Karthik Rangappa* says:
[September 15, 2023 at 3:44 pm](#)


Yes, you can apply TA for longer term trend analysis, Raj. Things like moving averages especially.

[Reply](#)

21.  *Abhishek Rane* says:
[August 15, 2023 at 9:02 pm](#)

Intraday Trading Ke Liye Kis Timeframe Ka chart dekhna sahi rahenga

[Reply](#)

22.  *Sagar Khatavkar* says:
[July 29, 2023 at 10:43 am](#)


i clearly understood the concept of candlesticks, ultimately enhanced my confidence.

[Reply](#)

- o  *Karthik Rangappa* says:
[July 30, 2023 at 12:45 pm](#)

Happy to note that, Sagar. Happy reading!

[Reply](#)

23.  *Deyaan Shah* says:
[July 25, 2023 at 9:48 pm](#)


hey, can you please explain the noise and information part in a little depth Thankyou

[Reply](#)

- o  *Karthik Rangappa* says:
[July 26, 2023 at 11:35 am](#)

Noise is basically too many data points with very few of them actually which can help in making a decision. Information is fewer data points but they are quality data points which can help in making informed decisions.

[Reply](#)

24.  *Benny* says:
[July 15, 2023 at 8:41 pm](#)

Can you elaborate this point – “Traders should be in a position to discard noise from relevant information”


[Reply](#)

- o  *Karthik Rangappa* says:
[July 16, 2023 at 11:15 am](#)

The lower the frequency of the chart, the higher is the noise. Noise can be random data points with no valuable information. The higher the chart frequency, the better is the quality of information.

So if you are comparing 1-minute chart with 10 minutes...then 1 minute is considered noisy compared to 10 minutes.

[Reply](#)

25.  *Vrushali* says:
[July 4, 2023 at 7:00 pm](#)


Everything is so nicely explained that I could learn and quickly apply it in my daily trading activity. Thank you for this!!

[Reply](#)

- o  *Karthik Rangappa* says:
[July 5, 2023 at 11:25 am](#)


Glad you liked the content, Vrushali. Happy learning 😊

[Reply](#)

26.  *N MURALI* says:
[May 31, 2023 at 3:15 pm](#)


In the normal candle stick charts when volume charts are plotted, the volume readings shown are in green and blue for green candles and in red and blue for red candles. What is the significance of different colour indications and how to read the volume readings to help in our trading decisions?

[Reply](#)

- o  *Karthik Rangappa* says:
[June 1, 2023 at 9:49 am](#)

Murali, do check the chapter about volumes and the queries there. You'll find your answers 😊

[Reply](#)

27.  *Sonal* says:
[May 27, 2023 at 12:16 am](#)

Hi,

Please could you advice if this is correct: "A short-bodied candle depicts less trading activity and hence less price movement."

Wont the body be short also when the open and close is nearer to each other? That does not really mean that there was less price movement right?

[Reply](#)

- o  *Karthik Rangappa* says:
[May 27, 2023 at 9:09 am](#)

Hmm, a short body indicates a lower trading range. But the volume (activity) can be higher even if the trading range is low. Traders buy and sell within that range. This happens when bulls and bears are both in control and letting the price move in a particular direction 😊

[Reply](#)

28.  Meetoo Patkar says:
[May 6, 2023 at 10:17 am](#)


What does the length of the central body of the candlestick indicate – the difference between O and C, or the volume of trade? Please elaborate on this – “a long-bodied candle depicts strong buying or selling activity. A short-bodied candle depicts less trading activity and hence less price movement”.

[Reply](#)

- o  Karthik Rangappa says:
[May 7, 2023 at 10:06 am](#)


I'd suggest you continue to read through the rest of the chapters in this module, you will understand this better.

[Reply](#)

29.  Dude says:
[February 3, 2023 at 11:27 pm](#)

Sir, can you set trailing stop loss directly from chart trade.

[Reply](#)

30.  Trish says:
[January 30, 2023 at 12:50 am](#)


Sir, in intraday, I can buy and sell, but I couldn't place stop loss directly from chart. How do I fix this. What I mean is directly from chart, not typing orders.

[Reply](#)

- o  Karthik Rangappa says:
[January 30, 2023 at 12:28 pm](#)

Check this – <https://support.zerodha.com/category/trading-and-markets/kite-web-and-mobile/charts/articles/what-is-the-trade-from-chart-feature-how-can-i-use-it>

[Reply](#)

31.  Rick says:
[January 29, 2023 at 2:53 am](#)

Sir, in intraday trading, suppose I buy at 10:30 am, can I sell at 2:30 pm on the same day. And once brought can I sell even at the last hour.

[Reply](#)

- o  Karthik Rangappa says:
[January 29, 2023 at 7:57 am](#)

Yes, you can. You can buy and sell anytime between 9:15 AM to 3:30PM.

[Reply](#)



32. *sam* says:

[January 27, 2023 at 6:34 pm](#)

Sir, in intraday, why do buyers buy when the price is up, aren't they suppose to buy when the price is low? Likewise, why do sellers sell in downtrend, aren't they suppose to sell at high trend? And how do they make profit when they sell lower than the price they brought?

[Reply](#)



o *Karthik Rangappa* says:

[January 28, 2023 at 6:27 pm](#)

Sam, the trades happen based on price action. Do check the later chapters to get the full perspective.

[Reply](#)



33. *Sunil Patel* says:

[January 17, 2023 at 10:31 pm](#)

Sir chart setup ya planting karne ke videos Hindi me provide karaye pl.

[Reply](#)



o *Karthik Rangappa* says:

[January 18, 2023 at 7:44 am](#)

Planting?

[Reply](#)



34. *RAJAN* says:

[December 4, 2022 at 1:43 pm](#)

Since Last Nov,I had Zerodha account, and how fool of me, found this varsity link today...

[Reply](#)



o *Karthik Rangappa* says:

[December 5, 2022 at 9:29 am](#)

Happy learning, Ranjan!

[Reply](#)



35. *Durgesh* says:

[November 24, 2022 at 9:09 pm](#)

Hello

[Reply](#)




o *Karthik Rangappa* says:

[November 25, 2022 at 9:33 am](#)

Hi Durgesh.

[Reply](#)

36.  *Amit Sharma* says:
[October 18, 2022 at 7:10 pm](#)

3.4 – Candlestick Anatomy

\"A short bodied candle depicts less trading activity and hence less price movement.\"

This may not always be the case, if there is a fight among buyers and sellers, resulting candle can be a doji or spinning top wherein volume will be high(i.e. high trading activity)

For example: PIDILITE

6 MAY '22 CANDLE(BIGGER BODY)

9 MAY '22 CANDLE(A DOJI)

Both have almost same volume


please clarify if I am wrong, I am a newbie.

[Reply](#)

- o  *Karthik Rangappa* says:
[October 19, 2022 at 7:13 am](#)

I agree. Hence the need to check the volume along with the price range.

[Reply](#)

37.  *ANAND BALLABH DURGAPAL* says:
[October 17, 2022 at 10:48 pm](#)

Sir,

I am new investor, retired person from Central Government, aged about 64 years. I came in this field since August 2021. I am facing a lot of problems in using KOTE APP. Please make separate video in each field.

1- How to read chart.

2-How various tools used

3- All information about zerodha app

Please collect all guidelines at one

Place.

Thanks


Thanks

[Reply](#)

- o  *Karthik Rangappa* says:
[October 18, 2022 at 6:51 am](#)

Anand sir, videos are already available – https://www.youtube.com/watch?v=yzRP-mA2eiE&list=PLX2SHiKfualH_xMbGM-3zWC47s9gUjGR_

[Reply](#)

38.  *Fiona* says:
[October 17, 2022 at 6:18 pm](#)

Thanks for sharing

[Reply](#)

- o *Karthik Rangappa* says:
[October 18, 2022 at 6:48 am](#)

Happy learning!

[Reply](#)

39. *venkatesh* says:
[October 15, 2022 at 2:51 pm](#)

sir,

you have given that a long-bodied candle depicts strong buying or selling activity. A short-bodied candle depicts less trading activity and hence less price movement.

1. my question is does the above mentioned body include the whole central body +lower+ upper shadows or just the central part

[Reply](#)

- o *Karthik Rangappa* says:
[October 16, 2022 at 9:37 am](#)

You can consider just the real body, Venkatesh.

[Reply](#)

40. *Yogesh* says:
[September 16, 2022 at 7:21 am](#)

However late to comment but so delighted to read that no words.. reading second time and now varsity became my close friend.. Kudos to your efforts and way of describing..

[Reply](#)

- o *Karthik Rangappa* says:
[September 16, 2022 at 11:35 am](#)

Thanks so much for the kind words, Yogesh. I hope you continue to enjoy learning on Varsity 😊

[Reply](#)

41. *Sandeep Sharma* says:
[August 6, 2022 at 5:36 pm](#)

Sir,


What shall be the wise TF to enter??

[Reply](#)

- o *Karthik Rangappa* says:
[August 7, 2022 at 9:33 am](#)

Depends on your agenda in the market. I prefer EOD time frame.

[Reply](#)

42.  *RONAK* says:
[August 6, 2022 at 4:38 pm](#)

Karthik Rangappa: Glad to see u still with zerodha 😊

I have read these article twice but didn't get to know the answer.

1. what is wick / Shadow.
2. why it is formed in candle. as if real body is based in volume need to understand complete details about Shadow formation

[Reply](#)

- o  *Karthik Rangappa* says:
[August 7, 2022 at 9:32 am](#)

1) A wick or a shadow is an extension of a candle's real body, connecting the day's high and low points with the opening and closing. Check this video on Varsity Youtube –
https://www.youtube.com/watch?v=RNu14To1gdM&list=PLX2SHiKfualH_xMbGM-3zWC47s9gUjGR_&index=3

2) Hopefully, the above video will help you understand this query 😊

[Reply](#)


43.  *Blue Ventures* says:
[July 24, 2022 at 8:07 am](#)

I created one dash board basis all lessons in Zerodha

<https://chartink.com/dashboard/122686>

Try this .

[Reply](#)

44.  *Vikram* says:
[July 13, 2022 at 1:27 pm](#)


cann u add next previous buttons at the end of each section in main section.. its a ain to scroll up on side panel

[Reply](#)

- o  *Karthik Rangappa* says:
[July 14, 2022 at 12:13 pm](#)

You can click on the chapter names on the panel to your left.

[Reply](#)

45.  *Sunil* says:
[May 24, 2022 at 3:34 pm](#)

Help sir

I read this bar chart but some time all chart and analysis is wrong. Any clear example. Explain air. Just like bullish hamer observe now nifty up. But at that time nifty is down. So bullish hamer pattern is wrong.

I checked many times bullish hamer pattern is wrong. 9/10.

Now sir can I help me.

[Reply](#)



o Karthik Rangappa says:

[May 25, 2022 at 10:08 am](#)

Sorry, I did not understand your query. Can you please elaborate it a bit more?

[Reply](#)



46. Ankit Zaveri says:

[April 19, 2022 at 11:16 pm](#)

Thanks.

Have been looking Everywhere to learn TA.

Finally found out how to use the method thanks to you 😊

[Reply](#)



o Karthik Rangappa says:

[April 20, 2022 at 12:42 pm](#)

Happy learning 😊

[Reply](#)



47. Nisarg says:

[April 18, 2022 at 8:54 am](#)

Why is an investor willing to trade because in this module it was explained that weekly or monthly chart are been used by the long term investors and as specified earlier technical analysis is only related to traders who make 1 – 2 trades in a day.

[Reply](#)



o Karthik Rangappa says:

[April 18, 2022 at 10:27 am](#)

Long-term investors can use monthly charts to make slightly longish trades, held for a few weeks.

[Reply](#)



48. Vaishnavi Jha says:

[January 31, 2022 at 8:08 pm](#)


Is it a good decision to buy because the overall movement of the candles is towards a higher direction i.e more like climbing higher than the previous prices?

[Reply](#)

- o  *Karthik Rangappa* says:
[January 31, 2022 at 9:06 pm](#)


Yes, but please make sure your buy decision is backed by other factors too and not just on 1 or 2 candles.

[Reply](#)

49.  *Praveen Kumar* says:
[January 27, 2022 at 9:46 pm](#)

You have given wrong interpretation, When close > open = It is a Bullish candle. When close < open = It is a Bearish candle.

[Reply](#)

50.  *Arshaan* says:
[January 11, 2022 at 9:06 pm](#)


Hey in your videos the subscribe to varsity (logo) and next video suggestion on YouTube are blocking the key takeaway slides.

[Reply](#)

- o  *Karthik Rangappa* says:
[January 12, 2022 at 9:47 am](#)

Arshaan, we have put up the key takeaways right below the video, in the blog itself. Can you please check?

[Reply](#)

51.  *Ganesh Prasad Gupta* says:
[December 30, 2021 at 5:18 pm](#)


When said – “Traders should be in a position to discard noise from relevant information”, what is “noise” in the sense, in this outcome ? Can any one please explain.

[Reply](#)

- o  *Karthik Rangappa* says:
[December 31, 2021 at 11:29 am](#)

The easiest way to think about noise is all the excess information for over and above what's required
😊

[Reply](#)

52.  *Jatin Garg* says:
[December 30, 2021 at 2:15 pm](#)

Respected Sir,

Have raised the ticket for the same (Ticket Number – #20211227428440)

Team replied : \” We also have verified this with direct TV, seems the volume pattern is matching with Kite TV.

TV volume bars are the same as the price candle pattern\”.

Sir, Here Team of Zerodha is mentioning that Chart IQ follow above mentioned interpretation of Volume Bar but Trading View does not follow the same but i have also forwarded them a screenshot which substantiate that Trading View Chart on its main usa website was following above interpretation but on zerodha platform it is reacting differently.

[Reply](#)



- o *Karthik Rangappa* says:
[December 31, 2021 at 11:22 am](#)

Jatin, let me check on this.

[Reply](#)



- 53. *Yogendra Singh parmar* says:
[December 30, 2021 at 11:13 am](#)

Hi



- 54. *Jatin Garg* says:
[December 27, 2021 at 7:33 am](#)

Sir, I have my account on Zerodha.

The color of volume bar on one day (D) chart of Balkrishna Industries (BALKRISIND) seems incorrect. Please refer to the red color volume bar on 23rd December 2021. Since the closing price of 22nd December 2021 is 2137.30 and closing price of 23rd December 2021 is 2143.95, the color of volume bar on one day (D) chart should have been Green instead of Red.

Please clarify

[Reply](#)



- o *Karthik Rangappa* says:
[December 27, 2021 at 7:26 pm](#)

Sure, will get this checked.

[Reply](#)



- 55. *Ashish* says:
[December 24, 2021 at 6:06 pm](#)

Hi Karthik,

Once again huge thanks for this educational initiative. Will it be appropriate to say for long term investor \”monthly time frame with 12 candles for the entire year\” is good TA for entry/exit?

[Reply](#)

- o *Karthik Rangappa* says:
[December 24, 2021 at 8:44 pm](#)

Not really, it would be tough to take a call with 12. If you are looking at monthly candles, look at at least 3 years of data.

[Reply](#)

56. *Firoz* says:
[December 24, 2021 at 10:28 am](#)

Hello sir ,
Can you add chart patterns in detail as a chapter in technical analysis module . Please
Or
Can you provide information about chart patterns in detail . please

[Reply](#)

- o *Karthik Rangappa* says:
[December 24, 2021 at 8:27 pm](#)

Yes, we have discussed the same further in the module. Please check.

[Reply](#)

57. *Dhawal* says:
[December 18, 2021 at 11:17 pm](#)

Hi,
Don't you think the order for comments should be like latest
On top and oldest at the bottom .

The existing one is like oldest is at
Top and newest comes in the bottom. We all have to scroll down the entire screen to view the answer , and
the scroll screen keeps increasing Year on year.

[Reply](#)

- o *Karthik Rangappa* says:
[December 19, 2021 at 6:05 pm](#)


It should, but I think it will be a little tricky to redo the comment section. I'll check with the team again.

[Reply](#)

58. *William Pinto* says:
[October 12, 2021 at 7:16 pm](#)


How to see the prices on the charts with the help of cursor as I not see it.

[Reply](#)

- o  *Karthik Rangappa* says:
[October 13, 2021 at 10:16 am](#)


I'd suggest you call the customer desk, they will help you with it.

[Reply](#)

59.  *Himanshu* says:
[October 9, 2021 at 11:14 am](#)

Why "lol" isn't he right? Coz thats what i understood
Sir I am not understand this question can you elaborate

[Reply](#)

60.  *Rajesh* says:
[September 7, 2021 at 6:10 pm](#)


And I desperately want to know that why so many technical analyst mostly use EOD charts why they do not use Weekly or Monthly charts ?

[Reply](#)

- o  *Karthik Rangappa* says:
[September 8, 2021 at 10:14 am](#)

EOD strikes a good balance between time frame and trade frequency. Hence the popularity.

[Reply](#)

61.  *Rajesh* says:
[September 7, 2021 at 6:01 pm](#)


Weekly charts have less noise and nice patterns also as compare to EOD charts, can we use Weekly charts for trading purpose of 2-6 months

[Reply](#)

- o  *Karthik Rangappa* says:
[September 8, 2021 at 10:09 am](#)

Of course, you can. In general, the higher the time frame, the lower the noise, fewer trading signals.

[Reply](#)

62.  *vivek* says:
[August 25, 2021 at 7:48 pm](#)


wow.This was some amazing information.Thaks

[Reply](#)

- o  *Karthik Rangappa* says:
[August 25, 2021 at 10:17 pm](#)

Happy learning, Vivek!

[Reply](#)

63.  *Gauri* says:
[August 24, 2021 at 12:41 am](#)

To calculate the market trend, it says do open – close. Can you please give one small example for this?? I am little confused here.

Thanks.

[Reply](#)


- o  *Karthik Rangappa* says:
[August 24, 2021 at 11:08 am](#)

Open = 500

Close = 560

The difference between open and close = 60, so its bullish for the day.

[Reply](#)

64.  *Vishwajith K* says:
[August 7, 2021 at 8:33 am](#)


Good article and *In the End* I understood candlesticks 😊 But there might be disadvantages with the candlesticks chart too right?

[Reply](#)

- o  *Karthik Rangappa* says:
[August 7, 2021 at 9:05 am](#)

Glad you did :), but at the end of the day, these are just probabilities, Vishwajith.

[Reply](#)

65.  *MANOJ KUMAR* says:
[August 1, 2021 at 9:29 pm](#)


sir first time i understand clearly the candle stick chart, thanks a lot.

[Reply](#)

- o  *Karthik Rangappa* says:
[August 2, 2021 at 8:54 am](#)

Happy learning!

[Reply](#)

66.  *Ananth Kashyap* says:
[July 20, 2021 at 4:29 pm](#)

Plz add Chapter on Point & Figure in Varsity Chart types.. it will helpful ..

[Reply](#)

67. *Radhika* says:
[July 18, 2021 at 11:13 pm](#)

Very informative, Thank you

[Reply](#)

- *Karthik Rangappa* says:
[July 19, 2021 at 9:54 am](#)

Happy reading!

[Reply](#)

68. *Sujesh Hari* says:
[July 13, 2021 at 1:02 pm](#)

Which candle is best for intraday? 5 min or 15 min?....Pls explain with reasons 🙏

[Reply](#)

- *Karthik Rangappa* says:
[July 13, 2021 at 7:53 pm](#)

I'd say 10 or 15 mins.

[Reply](#)

69. *Rajesh* says:
[July 6, 2021 at 7:38 pm](#)

It's good to use monthly chart for long term trading ? like trading based on 1M.

[Reply](#)

- *Karthik Rangappa* says:
[July 6, 2021 at 8:37 pm](#)

Yes, but I personally prefer daily charts.

[Reply](#)

70. *Tushar Bari* says:
[June 29, 2021 at 6:44 pm](#)

Heiken Ashi Candelstic Pattern missing.

[Reply](#)

- *Karthik Rangappa* says:
[June 29, 2021 at 8:11 pm](#)

Thats because I've not used it 😊

[Reply](#)71. *jayshree* says:[June 23, 2021 at 4:55 pm](#)

zerodha varsity is a university for traders. Very informative, simple and short, can you please also explain Renko charts

[Reply](#)o *Karthik Rangappa* says:[June 23, 2021 at 7:50 pm](#)

Thanks, Jayshree. It's just that I've never used Renko, hence haven't discussed it here 😊

[Reply](#)72. *shaik ibrahim* says:[June 18, 2021 at 6:58 pm](#)

i really had confusion about the trades and time took in consideration for them
like say
long term
medium-term
short term
swing trading
what exactly is the time for the above-mentioned trades are they in months weeks or years

[Reply](#)o *Karthik Rangappa* says:[June 18, 2021 at 7:38 pm](#)

Unfortunately, there are no standard definitions for these holding periods, Shaik 😊

[Reply](#)73. *Saksham Kaushal* says:[June 14, 2021 at 10:08 pm](#)

Loved the simplicity of the topic.

[Reply](#)o *Karthik Rangappa* says:[June 15, 2021 at 10:12 am](#)

Happy reading!

[Reply](#)74. *Akhil Raturi* says:[June 14, 2021 at 1:03 pm](#)

Dear Team Zerodha,

This is a great initiative taken for investors education on your part. I found this entire module very helpful. I would like to ask, as a beginner what stocks should we focus on for technical analysis, as some stocks are also present where the candlestick chart is way more complex and is near to uninformative. The charts shown in the module are taken from a selected range of stocks that follow a certain pattern in accordance with the Candlestick pattern theory.

Thank you.

[Reply](#)



o *Karthik Rangappa* says:

[June 14, 2021 at 8:45 pm](#)

Akhil, I'd suggest you look at the Nifty 50 stocks. Its a good starting point.

[Reply](#)



75. *Deepak* says:

[June 13, 2021 at 4:20 pm](#)

\”Also note, a long-bodied candle depicts strong buying or selling activity. A short-bodied candle depicts less trading activity and hence less price movement.\”

Is it true all the time? Can a long-bodied candle not represent less trading activity and vice versa? I think, theoretically at least, it should be true. Even when candle is short, it can represent frantic activity when substantial percentage of buyers and sellers perceive a price point to their advantage. In that case, wouldn't candle line just move up and down many times and ultimately form a short candle?

[Reply](#)



o *Karthik Rangappa* says:

[June 13, 2021 at 9:18 pm](#)

It is not true all the times. This is generally true.

For example, a short-bodied candle can have a lot of trading around the same price.

[Reply](#)



76. *babu* says:

[June 11, 2021 at 1:36 pm](#)

what do you mean noise in a trade sir ?

[Reply](#)



o *Karthik Rangappa* says:

[June 11, 2021 at 7:35 pm](#)

Unwanted information, which is usually in the form of high freq data.

[Reply](#)



77. *Sudarshan Mohan Deore* says:

[June 6, 2021 at 4:04 pm](#)

Please provide 75 minute timeframe candlestick

[Reply](#)



78. *Dipak Prajapati* says:

[June 5, 2021 at 6:04 am](#)

Sir Pls make chapter on Price Action & breakout trading 🙏

[Reply](#)



o *Karthik Rangappa* says:

[June 5, 2021 at 9:26 am](#)

The entire discussion on Candlestick is about price action 😊

[Reply](#)



79. *vikram* says:

[June 2, 2021 at 6:20 pm](#)

the background is too bright for long reading – app has black theme – pl replicate here – in fact an interactive background n dont wud b great- Thanks

[Reply](#)



o *Karthik Rangappa* says:

[June 2, 2021 at 7:58 pm](#)

YOu can change your browser settings to dark mode I guess.

[Reply](#)



80. *Harish* says:

[May 26, 2021 at 8:26 pm](#)

There are some \"+\" signs in the chart,what does that indicates. Please explain

[Reply](#)



o *Karthik Rangappa* says:

[May 26, 2021 at 9:30 pm](#)

You can ignore it.

[Reply](#)



81. *subhash* says:

[May 23, 2021 at 12:39 pm](#)

Dear Sir, is it correct to see bear pressure vs bull pressure to identify bearish or bullish candle.

[Reply](#)




o *Karthik Rangappa* says:

[May 24, 2021 at 9:40 am](#)

The candle itself identifies the bulls and bears, right? Btw, not sure about the pressure bit.

[Reply](#)

82.  *Shaun says:*
[May 23, 2021 at 11:10 am](#)

Dear Karthik,
 Thanks for your amazing content.

My doubt is in the line \"A short-bodied candle depicts less trading activity and hence less price movement.\"

I have learnt that a short bodied candle, with huge volume, could also mean lot of trading activity during that time frame. Could you please help clarify.


Regards,
 Shaun

[Reply](#)

o  *Karthik Rangappa says:*
[May 24, 2021 at 9:36 am](#)

True, volumes are an indicator of activity. However, it should be an equal buy and sell activity, hence the short body. If either the bulls or bears had taken over, then the price would have moved in a direction.

[Reply](#)

83.  *Sri says:*
[May 22, 2021 at 1:02 pm](#)

Hi

I didn't understand close > open and close < open

Ex: If Infy price on 21st May 3:30 PM close is 1354 and open Price @ 22nd May 2021 is 1355...Here Previous day close 21st May < 22nd May 2021 Price so it means bearish?


what if previous day close and next day 9:15 price both are same?

[Reply](#)

o  *Karthik Rangappa says:*
[May 22, 2021 at 1:39 pm](#)

The closing and opening price can be different, Sri. Not necessary that they need to be the same.

[Reply](#)

84.  *AJIT YADAV says:*
[May 9, 2021 at 4:07 pm](#)

Sir I can read only a bar graph not a candle stick chart

So I can invest from zreodha to share market

[Reply](#)

- o *Karthik Rangappa* says:
[May 9, 2021 at 8:04 pm](#)

Of course, you can.

[Reply](#)

85. *Priyanka* says:
[April 27, 2021 at 6:45 pm](#)

Need a Video lecture on these.

[Reply](#)

86. *Naman Puneet* says:
[April 26, 2021 at 10:44 pm](#)

Karthik. Absolutely Brilliant!

[Reply](#)

- o *Karthik Rangappa* says:
[April 27, 2021 at 10:47 am](#)

Happy learning!

[Reply](#)

87. *Sushreeta* says:
[April 14, 2021 at 8:37 pm](#)

Sir, How is it 252 candles for the entire year in Daily chart ? Can you elaborate please ?

[Reply](#)

- o *Karthik Rangappa* says:
[April 15, 2021 at 11:29 am](#)

252 = number of trading days after excluding holidays and weekends.

[Reply](#)

88. *Samudra* says:
[March 7, 2021 at 8:27 am](#)


Can someone please explain the volume candle stick chart a bit? What is filled in red, unfilled red difference? filled mean more volume and unfilled means less volume?

[Reply](#)

- o *Karthik Rangappa* says:
[March 7, 2021 at 9:29 am](#)

Yes, filled means more volume.

[Reply](#)

89.  Bhavesh says:
[March 1, 2021 at 12:37 am](#)


Amazing work Karthik in sharing these simple to read & understand tutorials.
I wanted to ask if Varsity has posted any videos that show some live case studies on Indian stocks with charts & how to read them ?

[Reply](#)

- o  Karthik Rangappa says:
[March 1, 2021 at 3:32 pm](#)

Not yet, Bhavesh. Hopefully soon 😊

[Reply](#)

90.  jagmohan says:
[February 24, 2021 at 12:02 am](#)


can you explain why after opening there will be a low and a shadow performed, what is the basis of both shadows i.e. open and low or close and high, I mean basis of its formation and why it happens

[Reply](#)

- o  Karthik Rangappa says:
[February 24, 2021 at 8:57 am](#)

Jagmohan, the shadows are formed on the basis of the price action during the day. Do read about how the OHLC is formed.

[Reply](#)

91.  Suraj says:
[February 20, 2021 at 9:55 am](#)


Hi ,
there are multiple candle representing the trading during the complete day. Some with shadow and some without . If have read this chapter each candle blue/red has open/close.
But how do i analysis when there is multiple candle representing to the complete trading

[Reply](#)

- o  Karthik Rangappa says:
[February 21, 2021 at 9:23 am](#)

Hence the need to look at the EOD chart, which summarizes the day\'s action.

[Reply](#)

92.  Rishav Agarwal says:
[February 17, 2021 at 2:42 pm](#)

hi, i do intraday trading in stocks options, call and put, so what time frame candlestick chart should i analyze before making a trade.

[Reply](#)



- o *Karthik Rangappa* says:
[February 17, 2021 at 8:57 pm](#)

I'd suggest EOD candles, Rishav.

[Reply](#)



93. *Samarkant* says:
[January 25, 2021 at 11:43 pm](#)

Can you pls throw some light on advantages of using heiken ashi charts wrt traditional Japanese candles

[Reply](#)



- o *Karthik Rangappa* says:
[January 26, 2021 at 10:57 am](#)

I'm not too familiar with Heiken Ashi, so won't be able to help you with that 😊

[Reply](#)



94. *Hritik* says:
[January 20, 2021 at 11:48 pm](#)

Hello, I have a complain. I was going through this course on the Varsity mobile app. Even though I appreciate the work being done here, the app contains much less information than this website. I completed the whole of technical analysis and moved on to futures only to realise that there's more here on the website. Now I have to revisit technical analysis again to see what I might've missed.

[Reply](#)



- o *Karthik Rangappa* says:
[January 21, 2021 at 10:55 am](#)

Hritik, we have not cut short the content on the app. Can you please point out which topics are missed on the app so that we can fix it, just in case its gotten missed?

[Reply](#)



95. *Basudeb Patro* says:
[January 14, 2021 at 6:34 pm](#)

soo any calculation or anything about this would be helpful.

[Reply](#)



96. *Basudeb Patro* says:
[January 13, 2021 at 11:51 pm](#)

Hey Karthik thanks for your reply.

If you could please explain about this caveman algorithm and use of this in setting timeframe in the renko

and range bar charts where time is not required then it would be very much helpful for me because the pure calculation i need to implement in python algorithm.

[Reply](#)



- o *Karthik Rangappa* says:
[January 14, 2021 at 10:48 am](#)

Like I mentioned, I'm not familiar with this.

[Reply](#)



97. *Basudeb Patro* says:
[January 13, 2021 at 2:57 pm](#)

what is the calculation for caveman algorithm ? It is used in defining the default brick size for renko and range bar. Soo if this algorithm uses 300 aggregated bars of data on the chart (i.e. about a year for daily charts, and about 5 hours on a minute chart), and comes up with a reasonable default value. Then what is the default value for a 10min chart ?

[Reply](#)



- o *Karthik Rangappa* says:
[January 13, 2021 at 10:18 pm](#)

Hey Basudeb, I'm not sure about this. Need to do some research myself 😊

[Reply](#)



98. *firoz* says:
[January 6, 2021 at 1:16 am](#)

lots of love for ur simple way of expelation

[Reply](#)



- o *Karthik Rangappa* says:
[January 6, 2021 at 12:29 pm](#)

Thanks, Firoz 😊

[Reply](#)



99. *Ishwar* says:
[January 4, 2021 at 1:28 pm](#)

Candle at 9:15 :- High and low data will be taken from 9:15 – 10:15.
Candle at 10:15 :- High and low data will be taken from 10:15. – 11:15

—
—


Candle at 3:15 :- High and low data will be taken from 3:15. – ???
How the first candle and last candle will be formed ?

[Reply](#)

- o  *Karthik Rangappa* says:
[January 4, 2021 at 2:01 pm](#)

The first tick forms the Open, and then the High/low, close are formed.

[Reply](#)

100.  *Ishwar* says:
[January 4, 2021 at 9:22 am](#)

Hi Sir,

Good Morning. I have this basic question about candle formation. select ADANI PORTS and choose hourly candle. You will see total 7 candle. The first candle says it formed at 1/1/2021 9:15. My question is the OHLC or HL data is taken from which time frame ? 9:15 to 10:15 ?

Similarly you will see a last candle at 1/1/2021 3:15. Now HL data for this candle is taken from which time duration, 2:15 to 3:15 ? if you say yes then for 9:15 candle OHLC data is coming from previous day ?


Thanks for your help

[Reply](#)

- o  *Karthik Rangappa* says:
[January 4, 2021 at 1:57 pm](#)

For the 9:15 to 10:15 candle, the OHLC is between this duration only.

[Reply](#)

101.  *bishal* says:
[December 28, 2020 at 3:53 pm](#)


i am still confuse. if today open 100 and yesterday close 98 then $100 - 98 = 2$ so what's its mean. is it bullish or bearish?

[Reply](#)

- o  *Karthik Rangappa* says:
[December 29, 2020 at 7:20 am](#)

Since the stock price has gone up, it is bullish.

[Reply](#)

102.  *akash chand* says:
[December 19, 2020 at 9:40 pm](#)


super information

[Reply](#)

- o  *Karthik Rangappa* says:
[December 20, 2020 at 7:55 am](#)

Happy reading!

[Reply](#)

103.  *Ganesh Sundar Rao* says:
[December 12, 2020 at 8:33 pm](#)

Very detailed and simplified explanation ... just waiting to start trading Intraday after completing your reading up to the last chapter


Thanks Zerodha

[Reply](#)

- o  *Karthik Rangappa* says:
[December 13, 2020 at 8:08 am](#)


Good luck, Ganesh!

[Reply](#)

104.  *Samarth Sharma* says:
[December 12, 2020 at 7:21 pm](#)

It was so good

[Reply](#)

105.  *Pritam panja* says:
[November 23, 2020 at 9:02 pm](#)


This chapter for exercise 3 days example ,2nd day means 2ns bullish ?but here open>close so how it\'s red ?

[Reply](#)

- o  *Karthik Rangappa* says:
[November 23, 2020 at 10:14 pm](#)

Sorry, dint get that. Can you please give more context to your query.

[Reply](#)

106.  *Aniket Kulkarni* says:
[September 20, 2020 at 9:37 pm](#)


Sir, I would like to make videos on Technical analysis. shall I use varsity for a baseline of that? I will share courtesy in my videos.

[Reply](#)

- o  *Karthik Rangappa* says:
[September 20, 2020 at 9:40 pm](#)

Sure, as long as you get Zerodha the credit 😊

[Reply](#)

107.  *sandeep sethi* says:
[September 20, 2020 at 4:23 pm](#)


Sir, I want to see the previous month nifty charts in options. As they have expired, how can i see on charts for practice.

[Reply](#)

- o  *Karthik Rangappa* says:
[September 20, 2020 at 9:12 pm](#)

This won't be possible, Sandeep.

[Reply](#)

108.  *surya* says:
[September 15, 2020 at 11:23 pm](#)


As a fresher to market looking for best books ,and that make more clumsy. Thank you varsity team really love u guys started these varsity modules yesterday hope i continue in few days

[Reply](#)

- o  *Karthik Rangappa* says:
[September 16, 2020 at 12:48 pm](#)

Happy reading, Surya 😊

[Reply](#)

109.  *Vengada krishnaa* says:
[September 13, 2020 at 7:55 pm](#)


Is there any way that I could automatically have previous day High Low line in the chart... Now I should manually use tools>horizontal to draw a line for high low (body not the shadow). Is there any option available to have it automatically

[Reply](#)

- o  *Karthik Rangappa* says:
[September 13, 2020 at 9:28 pm](#)

Hmm, no, you will have to look at this. No other way around this.

[Reply](#)

110.  *Rishi Ganguly* says:
[September 2, 2020 at 8:30 pm](#)

so what i am trying to say is that.... why is it that the position of the opening and closing in the Japanese candlesticks different for bullish and bearish market trend?

[Reply](#)



- o *Karthik Rangappa* says:
[September 2, 2020 at 10:28 pm](#)

That is because of the anatomy of the candlestick, both bullish and bearish candles are represented in two different ways.

[Reply](#)



111. *Tushar Mittal* says:
[September 2, 2020 at 3:30 pm](#)

ohhh! like this.....Thankuuu! very much sr....
keep studying and motivating us sr
...

[Reply](#)



- o *Karthik Rangappa* says:
[September 2, 2020 at 9:56 pm](#)

Sure, happy reading 😊

[Reply](#)



112. *Tushar Mittal* says:
[September 2, 2020 at 2:43 am](#)

Dear sir,
In the time frame chart, i am unable to understand that on what basis, you have allotted the number of candles.

Thank you!

[Reply](#)



- o *Karthik Rangappa* says:
[September 2, 2020 at 8:37 am](#)

Think about the monthly chart – each month will be a candle, 12 months, so 12 candles right?
Likewise weekly, 52 trading weeks in a year, so 52 candles. So on and so forth.

[Reply](#)



113. *Rishi Ganguly* says:
[September 1, 2020 at 2:00 pm](#)

Hey Karthik!!

Why is it that in the case of bullish market, in the position of the candlestick the opening is at the lower and the closing is at the higher end and the position of the 2 changes when it is shown in a bearish candlestick??

[Reply](#)



- o *Karthik Rangappa* says:

[September 1, 2020 at 10:19 pm](#)

I'm not sure, can you please elaborate this?

[Reply](#)

114.  *Brithul* says:

[August 30, 2020 at 4:55 pm](#)

Hello sir,

Im confused about which time frame I can use to do my home work for intra-day trading. I usually analyze with the daily time frame but that doesnt seem to work when I get in for the intra day. Could you please throw some light on it.

[Reply](#)

o  *Karthik Rangappa* says:
[August 30, 2020 at 7:44 pm](#)

I'd suggest you use EOD, but if this is not working for you, then switch to 15 minutes, Brithul.

[Reply](#)

115.  *Pratyush* says:

[August 27, 2020 at 3:33 am](#)


Why is the number of candlesticks required for daily Technical analysis, 252 for an year?

[Reply](#)

o  *Karthik Rangappa* says:
[August 27, 2020 at 10:42 am](#)

252 trading sessions in a year.

[Reply](#)

116.  *Rakshith Gowda R* says:

[August 24, 2020 at 2:41 pm](#)

hello karthik sir,

"The data can either be information or noise", can you please explain what is noise in this context. As every candle gives information only right.
thank you

[Reply](#)

o  *Karthik Rangappa* says:
[August 24, 2020 at 8:46 pm](#)

The higher the frequency, the higher is the noise. Think about it – how different is a candle at 10:00 compared to the candle at 10:01. They would contain similar amount information right? Now think about all the 1 minute candles during the day and the number of candles versus the number of candles with real information? The excess here is called noise.

[Reply](#)

117.  *Kartik Sharma* says:
[August 23, 2020 at 9:33 pm](#)


\”Also note, a long-bodied candle depicts strong buying or selling activity.\” In this statement does long-bodied candle here include only Central real body or Central real body+ Upper Shadow+ Lower Shadow.

[Reply](#)

- o  *Karthik Rangappa* says:
[August 24, 2020 at 11:03 am](#)

I prefer to ignore the shadows and consider just the real body.

[Reply](#)

118.  *karthik* says:
[August 19, 2020 at 6:22 pm](#)


Sir for intraday which time frame is best (15,10,5) min?

[Reply](#)

- o  *Karthik Rangappa* says:
[August 19, 2020 at 8:30 pm](#)

I'd prefer 15 mins.

[Reply](#)

119.  *NIRAJ* says:
[August 2, 2020 at 9:57 am](#)


sir IN MY DESK TOP COMPUTER, CHART IQ IN FULL SCREEN, IS NOT COMING, REFRESH OPTION NOT COMING...I WANT TO ASK THAT THESE OPTIONS ARE REMOVED PERMANENTLY OR NOT....BY ZERODHA...OR PLEASE TELL ME HOW IT COME IN MY DESK TOP COMPUTER

[Reply](#)

- o  *Karthik Rangappa* says:
[August 2, 2020 at 5:21 pm](#)

I'd suggest you contact the support desk for this.

[Reply](#)

120.  *Surhit Sinha* says:
[July 26, 2020 at 11:39 am](#)

Hello sir, I m a beginner and just started these modules and finding it very helpful. Above you have mentioned \” Traders should be in a position to discard noise from relevant information \” . what kind of noise are u taling about?? And how do we differentiate hat is noise and what is relevant information?? Plzz help


[Reply](#)

- o  *Karthik Rangappa* says:
[July 26, 2020 at 8:15 pm](#)

Reliance Industries closed flat today, whenever it closes flat the next day it opens 3% higher —> this is noise


Over the last 3 years, RIL closed flat on 20 days, and the next day opening was also flat with no price movement\’ —> this is information as the data is quantified.

[Reply](#)

121.  *PARIMAL MAITY* says:
[July 18, 2020 at 6:19 am](#)

How many participants follow this ? Most important is how many buyers are attracted by a stock. Most buyers like stocks having good fundamentals like the price level and profit earnings and news. Further FII, DII and HNI activity is very important as they buy bulk. Look for volumes and stock price movement.

[Reply](#)

122.  *Rajnish Sinha* says:
[July 13, 2020 at 10:36 pm](#)

Hi Karthik,

First of all thanks a lot to you and entire Zerodha team for presenting such a complete and easy to understand content.

I am using Streak to find out S & R and RSI for any particular stock. Hope this is correct ?


Regards,
Rajnish

[Reply](#)

- o  *Karthik Rangappa* says:
[July 14, 2020 at 10:47 am](#)

Glad you liked it. You can try it yourself for this. Much better experience.

[Reply](#)

123.  *ajay* says:
[June 27, 2020 at 5:23 pm](#)

can we set time frame of 4 hours in zerodha charts ?.... If so, How can we do that ??

[Reply](#)

124.  *ATHRI BHAT* says:
[June 27, 2020 at 12:36 pm](#)

The material is mind blowing. .. One suggestion from my side. Instead of coloring red and green for candles you could use black and white because I read the print out hard copy so it is better for people like us to read..

[Reply](#)

- o  *Karthik Rangappa* says:
[June 27, 2020 at 5:42 pm](#)

Thanks, I'm glad you liked the questions. You can customise the colour of the candles by going into the settings.

[Reply](#)

125.  *PRITESH* says:
[June 26, 2020 at 11:47 am](#)


sir how to see drawing tools in image form

[Reply](#)

- o  *Karthik Rangappa* says:
[June 26, 2020 at 7:58 pm](#)

Not sure what you mean by drawing tools in image form, can you please add more context? Thanks.

[Reply](#)

126.  *Victor Rodrigues* says:
[June 26, 2020 at 11:44 am](#)


Does Zerodha provide a per second tick chart? If not, are there plans to provide? When?

[Reply](#)

- o  *Karthik Rangappa* says:
[June 26, 2020 at 7:56 pm](#)

No, we provide a 1-minute snapshot. No plans to provide the same. Do check this thread – <https://tradingqna.com/t/tick-by-tick-chart-in-zerodha/10348/3>

[Reply](#)

127.  *Sethurathinam Elamaram* says:
[June 25, 2020 at 9:11 pm](#)


Am wish to trade intraday and as am a beginner, what is the time frame should be used give me your suggestion time frame while now am struggling to choose it am choosing all the time frames like years, month, week, hr, 30mins, 15mins, 10mins, 5mins, 3mins, 2mins & 1mins per MIS... Start to use all the time frames loss going to be huge....please suggest some ideas or time frames

[Reply](#)

- o  *Karthik Rangappa* says:
[June 26, 2020 at 8:58 am](#)

If the intent is to trade intraday, then maybe you should start with 15mins timeframe, any shorter timeframe than that can be difficult to handle, especially for a beginner.

[Reply](#)

128.  *Victor Rodrigues* says:
[June 20, 2020 at 12:56 pm](#)


Does Zerodha provide a per second tick chart. If not, are there plans to provide it? TradingView provides it in their paid service, but the Zerodha TV charts don't seem to provide this facility.

[Reply](#)

- o  *Karthik Rangappa* says:
[June 20, 2020 at 6:46 pm](#)


No Victor, we provide snapshots of 1-minute data.

[Reply](#)

129.  *akib* says:
[June 14, 2020 at 7:08 pm](#)

Investing Sir.

[Reply](#)

130.  *akib* says:
[June 12, 2020 at 1:10 pm](#)


Thank you, Sir. Sir will you suggest any books that will improve my investing knowledge

[Reply](#)

- o  *Karthik Rangappa* says:
[June 12, 2020 at 10:55 pm](#)

Investing or trading 😊

[Reply](#)

131.  *akib* says:
[June 12, 2020 at 12:42 pm](#)


Karthik sir, what does long upper shadow and lower shadow indicate?

[Reply](#)

- o  *Karthik Rangappa* says:
[June 12, 2020 at 12:53 pm](#)

Just the range of high and low for the day.

[Reply](#)

132.  *Vijay Krishnan* says:
[June 4, 2020 at 2:05 pm](#)

Hi Team,

Is there any graph which displays the % change while checking the graph. Usually it displays the Amount change, but I am looking for % change.

Sorry I am new to this, will be helpful if you could help me on this.

Regards,
Vijay

[Reply](#)



- *Karthik Rangappa* says:
[June 4, 2020 at 7:38 pm](#)

No, there is no chart type for this.

[Reply](#)



133. *Avinash Jadhav* says:
[May 31, 2020 at 8:40 pm](#)

Hi Karthik

One more request plz
If possible include 4H chart in trading view. Thanks

[Reply](#)



- *Karthik Rangappa* says:
[May 31, 2020 at 9:50 pm](#)

Noted.

[Reply](#)



134. *Avinash Jadhav* says:
[May 31, 2020 at 8:23 pm](#)

Hi Karthik,

Could you please include volume profile indicator in kite >chart type > Trading view. Coz i could not find the same in trading view where as in earlier normal view its available . Thanks

[Reply](#)



- *Karthik Rangappa* says:
[May 31, 2020 at 9:43 pm](#)

Try switching to ChartIQ, Avinash.

[Reply](#)



135. *jai* says:
[May 29, 2020 at 9:52 pm](#)

Thank you so much for providing amazing easy to understand information, and helping newbies like us to know about stock market trading.

So I'm currently going through TA module and would like to know when can actually a newbie who honestly knows nothing and just started going through your modules begin trading.

Should the approach be like we have to first read all the modules before we can do the real stuff? Or, more like any particular modules to be completed before we can get a little confident to start trading?

[Reply](#)



o *Karthik Rangappa* says:

[May 30, 2020 at 8:28 am](#)

You read, understand, paper trade and validate your thoughts, gain confidence, and then place a trade 😊
Good luck!

[Reply](#)



136. *Siddharth Kasma* says:

[May 25, 2020 at 9:05 am](#)

Thank u for u reply sir. Having one more doubt, shouldn't only closing price be connected for drawing trend line. in case we are using candlestick body, we would be connecting green candle open price and red candle close price. Connecting closing price in candlestick chart would be difficult. Shouldn't there be consistency in drawing such line like connecting closing price of each day.

[Reply](#)



o *Karthik Rangappa* says:

[May 25, 2020 at 9:52 am](#)

You can stick to the closing prices, Siddharth.

[Reply](#)



137. *Siddharth Kasma* says:

[May 24, 2020 at 5:38 pm](#)

Sir in one of ur comment u have mentioned that shadow of the body doesn't matter much. In that case sir while drawing trend line, should we consider connecting only closing price of the candles. Wouldn't line chart will be more convenient drawing the trend lines. I have seen some screen shots of the traders, where traders r connecting lower portion of the candle, so they are connecting white candle open price, red candle closing price and in case of shadow is there lowest price of the day. Sir could you please guide what is an ideal way of drawing the trend line.

[Reply](#)



o *Karthik Rangappa* says:

[May 24, 2020 at 6:48 pm](#)

Yes, there is no harm in considering only the real body of the candle.

[Reply](#)



138. *Rajesh* says:

[May 20, 2020 at 7:59 am](#)

Hello Karthik,

It's good to trade with 3-4 time frames ? Or we must stick with only one time frame what is good for accuracy, I tried but I m so confused

[Reply](#)



- o *Karthik Rangappa* says:
[May 20, 2020 at 9:17 am](#)

I'd suggest you stick to 1, maybe EOD charts.

[Reply](#)



139. *Sidharth Malhotra* says:
[May 15, 2020 at 7:42 pm](#)

"Also note, a long-bodied candle depicts strong buying or selling activity. A short-bodied candle depicts less trading activity and hence less price movement."

By long-bodied and short-bodied, you refer to the body of the candle from the high to the low point, right? AND NOT JUST from the open to the close point?

[Reply](#)



- o *Karthik Rangappa* says:
[May 16, 2020 at 9:12 am](#)

Yes and no at the same time, you will have to take this on a case by case basis and think through. For example, a freak trade could have caused a huge spike, may not be very relevant to the day's price action. In such cases, you can ignore the long shadows and take just the real body.

[Reply](#)



140. *Prakash* says:
[May 15, 2020 at 6:52 pm](#)

Is there any difference between EOD and daily charts or both are same..?

[Reply](#)



- o *Karthik Rangappa* says:
[May 15, 2020 at 7:28 pm](#)

They are the same, Prakash.

[Reply](#)



141. *santosh* says:
[May 5, 2020 at 7:03 pm](#)

How to toggle between pop charts of various stocks in my watchlist with out actually going and clicking in the watchlist or typing in the top left of the popout chart screen? Toggling between popcharts is available in tradingview.in- as we click up or down arrow , the chart of corresponding stock in the watchlist is displayed without actually typing. Is this feature available in zerodha trading view chart?

[Reply](#)



- o *Karthik Rangappa* says:
[May 5, 2020 at 11:21 pm](#)

I'm afraid that is not available yet, will share your feedback though. Thanks.

[Reply](#)



142. *Satheeshan k* says:
[May 3, 2020 at 9:29 am](#)

The above case in case of sorting what happens please give details

[Reply](#)



- o *Karthik Rangappa* says:
[May 3, 2020 at 12:55 pm](#)

What sort or sorting are you referring to?

[Reply](#)



143. *Satheeshan k* says:
[May 3, 2020 at 9:22 am](#)

If i buy a share in mis then it fall how it can be change to cnc

[Reply](#)



- o *Karthik Rangappa* says:
[May 3, 2020 at 12:54 pm](#)

Check this – <https://support.zerodha.com/category/trading-and-markets/margin-leverage-and-product-and-order-types/articles/how-to-convert-mis-to-cnc-nrml-and-vice-versa>

[Reply](#)



144. *Raj* says:
[May 3, 2020 at 9:05 am](#)

Very well written article, thank you very much for this
under the key takeaways section
with 7th point, what does "frequency" means?
and when i click on "view chart" in kite
there are two time frame.. at the upper left side, there is 1 minute, 5 min, 15 min, 1day, 1week
on the left lower side, also time frame there is, 1 day, 1 month, 1 week
why there are two sections, it's confusing to choose which one to click, could you please tell


[Reply](#)



- o *Karthik Rangappa* says:
[May 3, 2020 at 12:54 pm](#)

Thanks Raj. The better way would be to figure the frequency/time frame you\'d want to analyse and switch to it.

[Reply](#)

145.  *Karn* says:
[April 30, 2020 at 2:01 pm](#)

Hi,

What should be the time frame for an intraday trader ? Willing to Trade breakouts & triangle/triple top/head-shoulder etc patterns . 1min chart or 10min chart ?

10min chart gives the breakout very late. Entry point is already gone by that time.


Any suggestions ?

[Reply](#)

- o  *Karthik Rangappa* says:
[April 30, 2020 at 7:44 pm](#)

I\'d suggest 10mins is good enough to start with.

[Reply](#)

146.  *Shardul Shandilya* says:
[April 26, 2020 at 2:25 am](#)

Hi ,

What do you mean when you say a trader should be able to discard noise from information.?


Thanks!

[Reply](#)

- o  *Karthik Rangappa* says:
[April 26, 2020 at 9:05 am](#)

Noise is too much data disguised as information. Information is the data that you can use to make meaningful decisions.

[Reply](#)

147.  *vaibhav s* says:
[April 25, 2020 at 6:35 pm](#)


in OHLC ...C indicates closing of perticular stock at the end of that day,,,then how we can plot 15 min 30 min 1 he candlesticks.....

[Reply](#)

- o  *Karthik Rangappa* says:
[April 25, 2020 at 7:18 pm](#)

It indicates the close of the stock, it could be any time duration like EOD or 10 or 15 mins... whatever you choose.

[Reply](#)

148.  *haresh* says:
[April 16, 2020 at 5:56 pm](#)

Hello Sir


There are so many other chart style in zerodha kite , can you tell us the use of Heikin Ashi chart. and also use of other chart

[Reply](#)

- o  *Karthik Rangappa* says:
[April 17, 2020 at 9:28 am](#)

I find candlestick the most useful one, hence the details.

[Reply](#)

149.  *Sattanathan* says:
[April 14, 2020 at 12:24 pm](#)

Hi Team,

Can we use Heikin Ashi + Normal Japanese Candle stick together to see the difference in market?


In Zerodha, I can choose either Heikin Ashi or Candle stick. Not both together.

[Reply](#)

- o  *Karthik Rangappa* says:
[April 14, 2020 at 12:42 pm](#)

Yes, you can choose one charting technique at a given point, not both 😊

[Reply](#)

150.  *Ronak Parekh* says:
[April 9, 2020 at 11:29 pm](#)


How will it look if the opening price is equal to its closing??
 or does that never happen?

[Reply](#)

- o  *Karthik Rangappa* says:
[April 10, 2020 at 1:08 am](#)

It would be a doji.

[Reply](#)

151.  *ganesh dhruvan* says:
[March 31, 2020 at 3:50 pm](#)


does zerodha give weekly options chart.....i get charts for full month nifty options only...eg NIFTY APR 9000 CE

[Reply](#)

- o  *Karthik Rangappa* says:
[April 1, 2020 at 8:58 am](#)

Yes, please do check Kite for this.

[Reply](#)

152.  *PANKAJ* says:
[March 26, 2020 at 5:49 pm](#)

It means in system like chart formation are Accordingly to mathematical rule .
and not random


Is it correct

[Reply](#)

- o  *Karthik Rangappa* says:
[March 27, 2020 at 12:49 pm](#)

Nope, not random.

[Reply](#)

153.  *PANKAJ* says:
[March 24, 2020 at 12:33 pm](#)


You says that 2 nd candle is slightly lesser than 1st candle it means can I conclude that 2nd candle draw randomly means specific mathematical calculations of real body not considered to located

[Reply](#)

- o  *Karthik Rangappa* says:
[March 25, 2020 at 10:03 am](#)

If you are using a system, then it will be accurate. If you are drawing manually, then there is nothing much you can do.

[Reply](#)

154.  *PANKAJ* says:
[March 22, 2020 at 7:59 pm](#)


If today IOC closed at 90 next day it open at 85 then how I decided real body length means from where should I draw bearish candle Is it randomly or we dividend real body in some figure

[Reply](#)

- o  *Karthik Rangappa* says:
[March 23, 2020 at 11:41 am](#)

These would be two different candles, right? The 2nd candle will start at a slightly lesser level than 85 to indicate it is lower open.

[Reply](#)

155.  *PANKAJ* says:
[March 22, 2020 at 7:53 pm](#)


sir If I want to draw candle stick pattern on paper I can not understand how I decide X – axis and Y – axis
 In this chapter you do not explain the x – axis and y – axis

[Reply](#)

- o  *Karthik Rangappa* says:
[March 23, 2020 at 11:38 am](#)

But why are you drawing it on paper? Also, there is no concept of axis wrt candles.

[Reply](#)

156.  *Venkatesh* says:
[March 17, 2020 at 7:50 pm](#)


Just tried, It has the logscale feature. But still do not have indicators pertaining to PnF charts like double top, double bottom, low pole, high pole, vertical counts etc.. That would be really good to have those features too.

[Reply](#)

- o  *Karthik Rangappa* says:
[March 18, 2020 at 11:24 am](#)

Making a note will pass the feedback to the charts team.

[Reply](#)

157.  *rajesh* says:
[March 17, 2020 at 7:03 pm](#)


choosing a time frame is actually a very difficult task for me i was so confused. i feels that 15min and 1hr is a usefull for intraday or day trading . but how i filter information from noises ?

[Reply](#)

- o  *Karthik Rangappa* says:
[March 18, 2020 at 11:18 am](#)

Rajesh, the thumb rule is – higher the time frame, better the quality of information. So 1hr is better than 30 mins, which is better than 15 mins, which is better than 5 mins 😊

[Reply](#)

158.  *Venkatesh* says:
[March 17, 2020 at 10:57 am](#)

I see that the point and figure charting in kite is in a very nascent state. Not sure if we will be able to have Log scale for the box sizes, currently it takes only values. Also we dont see many options or indicators for

PnF charts like low pole, high pole, vertical counts and many.. Are there any plans down the line to enhance the PointNFigure charts ?

[Reply](#)



- o *Karthik Rangappa* says:
[March 17, 2020 at 12:15 pm](#)

Have you tried using the P&F chart trading view? It is available on Kite.

[Reply](#)



159. *Arjun* says:

[March 16, 2020 at 10:06 pm](#)

Hi,

Why do the number of candlesticks increase as the time duration decreases?

[Reply](#)



- o *Karthik Rangappa* says:
[March 17, 2020 at 12:08 pm](#)

More time implies, more number of candlesticks.

[Reply](#)



160. *Anuradha Kumar* says:

[March 16, 2020 at 6:58 pm](#)

Hi,

I have two questions:

1) I wanted to know if you are planning to introduce the time frame of a quarter for chart analysis. Right now, we only monthly, weekly, hourly and by minute options.

2) Is there a possibility to build custom indicators in kite using our own formulas?

Regards

Anu

[Reply](#)



- o *Karthik Rangappa* says:
[March 17, 2020 at 12:07 pm](#)

Both these are in the list of things to do, hopefully soon.

[Reply](#)



161. *Adwait Deshkar* says:

[March 16, 2020 at 12:32 pm](#)

Hello Sir,

I am really thankful to the entire team of Zerodha for creating modules where it is easy to understand the various technicalities of stock market.

I have one doubt regarding candlestick plot.

What triggers the end of one candle and start of another. I am looking at live plots of ITC in a 1d time frame but could not understand what justifies the end of a candle and start of another.


Thanks.

[Reply](#)

- o  *Karthik Rangappa* says:
[March 17, 2020 at 11:15 am](#)

A pattern triggers the initial buy or sell....and the end is drawn from either the target or SL getting triggered.

[Reply](#)

162.  *VENKATESAN* says:
[March 7, 2020 at 3:00 pm](#)

Please resolve the following in CHARTS:


1. Select TOOLS
2. GARTLEYWhen I select & start marking over the Chart, it plots only the First Triangle. But unable to complete Second Triangle.
3. Similarly.... in SHAPES..... after plotting, when changingit is not user friendly. For e.g. ARROW size/shape is not very much likeable as in Trading View, Investing.com charts.
4. In Line charts, there should be a choice for ARROW line also.

[Reply](#)

- o  *Karthik Rangappa* says:
[March 7, 2020 at 4:03 pm](#)


Passing the feedback to the team.

[Reply](#)

163.  *Gurvi* says:
[February 23, 2020 at 5:13 pm](#)

Thanks Karthik 😊

[Reply](#)

164.  *Gurvi* says:
[February 22, 2020 at 12:25 pm](#)

Thank you Karthik.. and one more thing.. what are best times to enter and exit trades using 10 or 15 mins candles. I mean first 1 hour or last one hour or middle of day??

BR,
Gurvi

[Reply](#)

- o *Karthik Rangappa* says:
[February 23, 2020 at 12:38 pm](#)

Hmm, never force-fit trades with such constraints like a good time to enter and exit, trade setups should happen naturally, as and when the pattern occurs 😊

[Reply](#)

165. *Gurvi* says:
[February 21, 2020 at 5:42 pm](#)

Hi Karthik,

What is the best timeframe for intra day? which one works better 5 Mins, 10Mins, 15Mins, 30Min or 1Hr? Please suggest. And is this possible to set stop loss using these timeframe candles? if yes how to determine stop loss with these timeframe candles.

Thank you for the help.

BR,
Gurvi.

[Reply](#)

- o *Karthik Rangappa* says:
[February 22, 2020 at 11:26 am](#)

I personally prefer the 10 or 15mins for intraday. Yes, you can use these for setting the SL. The technique to book SL is the same as EOD. You just have to look at the S&R level and take a call or any other technique you follow. Generally, ever EOD technique is applicable for intraday as well.

[Reply](#)

166. *Monu Sathyapal* says:
[February 2, 2020 at 10:42 am](#)

sir ,
I didn't get the meaning of buying strength and selling weakness.

[Reply](#)

- o *Karthik Rangappa* says:
[February 3, 2020 at 11:32 am](#)

Buying strength = buy when its a positive day, selling weakness = sell when its a down day.

[Reply](#)

167. *suresh* says:
[January 17, 2020 at 2:51 pm](#)


thank u sir

[Reply](#)

- o  *Karthik Rangappa* says:
[January 18, 2020 at 6:09 pm](#)

Welcome!

[Reply](#)

168.  *Suresh* says:
[January 16, 2020 at 10:17 pm](#)

Dear Karthik,

Can i add the following parameter to your chart

StochRSI(14,14,E,3)

RSI period =14

Stochastic period =14

Average Type = E

Average Period = 3


Please let me know how to add the following parameter to the chart

[Reply](#)

- o  *Karthik Rangappa* says:
[January 17, 2020 at 11:29 am](#)

You will have to set this up on your charts, I'd suggest you call the support line and they will help you with this.

[Reply](#)

169.  *Sarthak* says:
[November 27, 2019 at 8:10 pm](#)

Hi Karthik,

First of all a big thank you for this great stuff which is so easy to understand even for a person who is not from the finance background.

I am getting confused with the thing that, if the market has closed at 430 (C) and it is opening at 440 (O) then it should be in general terms the bullish market(Rising or profitable) but as per mentioned if $C > O$ it is bullish which seems some contradictory to me.


Will you please clear my doubt of this bullish and bearish market with $C > O$ and $C < O$ concept?

[Reply](#)

- o  *Karthik Rangappa* says:
[November 28, 2019 at 11:51 am](#)

The close $> O$ is with respect to the intraday movement. I guess you are comparing the previous day close with today's open.

[Reply](#)

170.  *imran* says:
[November 6, 2019 at 4:48 pm](#)

what is your take on heikin-ashi candles. could it be used along with other indicators

[Reply](#)



- o *Karthik Rangappa* says:
[November 7, 2019 at 11:33 am](#)

I've never really traded based on Heikin Ashi, so I cannot really comment.

[Reply](#)



171. *Vaibhav Ozarde* says:
[November 6, 2019 at 12:45 pm](#)

Hiii Karthik,

I m facing issue in zerodha web is that whenever i draw/mark any pivot levels, support resistance, trendlines in any script which is there in my watch list, it got disappear next day when i open a chart although i save it from Layout-Save prefrenceces..

Its lot of irrattating to again draw/ mark same levels..

What is the solution ?

[Reply](#)



- o *Karthik Rangappa* says:
[November 7, 2019 at 11:28 am](#)

Vaibhav, can you please have a word with the support team for this? They will help you with this.

[Reply](#)



172. *Sayan Mitra* says:
[October 12, 2019 at 2:47 pm](#)

Dear Karthik,

This is a continuation to my earlier question "O, H, L, C not appearing in the kite candle stick chart" when I put my cursor on a candle.

I restarted the browser but it is still missing irrespective of wherever I login; be it laptop or mobile. So, I think it has to do something with my account. Please let me know how do I bring O,H,L,C back on my screen.

Thanks,

Sayan

[Reply](#)



- o *Karthik Rangappa* says:
[October 12, 2019 at 5:06 pm](#)

Hmmm, not really. I'd suggest you call our support desk, they will help you with this.

[Reply](#)



173. *Sayan Mitra* says:
[October 11, 2019 at 2:07 am](#)

O, H, L, C not appearing in the kite candle stick chart. How to make it appear in the chart?
Thanks

[Reply](#)



- o *Karthik Rangappa* says:
[October 11, 2019 at 12:21 pm](#)

Can you please refresh your browser?

[Reply](#)



174. *Ravi* says:

[October 10, 2019 at 12:40 am](#)

Hi,

Please tell me a way to change the color of the candles and use it as default for all my charts. I know how to change it but I have to do it for all charts individually. How do i do it once and then use it as a default? I am using the tradingview charts.

Also there is a limit on the number of charts that can be saved. I can only save 10 charts and as I add more charts, the older ones are replaced by the latest ones. Please provide a mechanism to save more and keep all the studies as and when we open any chart.

Thanks.

[Reply](#)



- o *Karthik Rangappa* says:
[October 10, 2019 at 11:43 am](#)

Ravi, you can do this on the app and it will stick. About the max 10 option, there is nothing much that can be done. Will check with the team anyway.

[Reply](#)



175. *Jaswaan* says:

[October 5, 2019 at 11:01 am](#)

I really have some serious doubts! (as a scalper its really serious for me !)

We knew that An Aggressive traders like scalpers use time frames like 15 minutes and 5-minute charts. And here goes my doubt...as I'm noobie at zerodha ... I wanted to know the minimum time period for each candle for every 5 minutes time frame in intraday!

Thanks in Advance!


[Reply](#)



- o *Karthik Rangappa* says:
[October 5, 2019 at 11:28 am](#)

We have charts starting from 1-minute time frame, Jaswaan.

[Reply](#)

176.  *Channa Hubli* says:
[September 19, 2019 at 6:20 pm](#)


Recently I joined Zerodha. After Going through Varsity, I am glad that I reached the right place. All topics are extremely good and in very simple language. Hat off to the whole team.

[Reply](#)

- o  *Karthik Rangappa* says:
[September 20, 2019 at 12:04 pm](#)


Welcome to the Zerodha family, Channa 😊
Happy learning and trading!

[Reply](#)

177.  *Girish* says:
[September 16, 2019 at 10:37 am](#)

Sir,
There is high volume strike price of Last week expire CE & PE, I Compare 10900 ce & 10900 pe but showing Many range bars candle missing, Sometimes Live range bars candle showing wrong.

[Reply](#)

178.  *Girish* says:
[September 13, 2019 at 2:51 pm](#)

Sir,


Why \'Range bars\' Many candles missing Nifty options chart ?

[Reply](#)

- o  *Karthik Rangappa* says:
[September 14, 2019 at 8:47 am](#)

Guess there were no trades. Are you looking at far OTMs which are not liquid enough?

[Reply](#)

179.  *Sanchit* says:
[September 6, 2019 at 2:22 pm](#)

How do I set P/E charts?

[Reply](#)

- o  *Karthik Rangappa* says:
[September 7, 2019 at 12:07 pm](#)

PE charts are not available, Sanchit.

[Reply](#)

180.  *Vinret* says:

[September 4, 2019 at 1:23 pm](#)

Dear Karthik.

I like to use Renko Charts based on fixed brick size. But after selecting fixed brick like 3 points on Nifty Futures, the chart changes further if I select 15 minutes or 5 minutes timeframe .

This should not happen ideally as Renko chart is independent of time. It should remain same on every timeframe. To make things more puzzling , I checked my Renko settings and it continues to show 3 point of value. I am unable to understand why my Renko chart is different for different timeframe despite same brick size

Please help how to rectify this issue.

[Reply](#)



o *Karthik Rangappa* says:
[September 5, 2019 at 11:35 am](#)

Vinret, I'm not too familiar with Renko. Let me check with my team and get back.

[Reply](#)

181.  *Luc* says:

[September 2, 2019 at 11:58 pm](#)

Hey Karthik! Why are there only 252 candlesticks to represent a year on a daily chart?


[Reply](#)



o *Karthik Rangappa* says:
[September 3, 2019 at 8:36 am](#)

The rest of the days in a year are trading holidays 😊

[Reply](#)

182.  *Ramanand* says:

[August 15, 2019 at 11:44 am](#)

Sir, ChartIQ charts for 15-August-2019 is showing as working day! This is causing problems with all indicators as there are no intraday prices (naturally!). Kindly correct it at the earliest and remove 15-August (8/15) as a working day. Thank you!! You can delete this post once issue is fixed. 😊


[Reply](#)



o *Karthik Rangappa* says:
[August 15, 2019 at 2:40 pm](#)

This will be fixed, but will retain the comment for the benefit of others 😊

[Reply](#)

183.  *Ajay kumar Das* says:

[August 9, 2019 at 1:14 pm](#)

DOES ALSO ALL THE INDICATORS ARE WELL QUALIFIED FOR ANY TIME FRAME IN INTRADAY PROVIDED THE DEFAULT DATA IN KITE

[Reply](#)



- o *Karthik Rangappa* says:
[August 9, 2019 at 6:19 pm](#)

That's right, you can use the indicators across any time frame.

[Reply](#)



184. *Ajay kumar Das* says:
[August 5, 2019 at 9:09 pm](#)

ARE ALL THE TA METHODS APPLICABLE TO ANY TIME FRAME FOR INTRADAY

[Reply](#)



- o *Karthik Rangappa* says:
[August 6, 2019 at 7:50 am](#)

Yes, TA is applicable to all the assets with time-series data, across all time frames.

[Reply](#)



185. *Ruthwik* says:
[August 4, 2019 at 3:57 pm](#)

Does each candle stick represent a time period?

Because when I see a day chart or month chart(candlestick) there are single OHLC for entire month/day/week. So what is the meaning of "Lower shadow = Connects the low point to the open" and "Upper shadow = Connects the high point to the close".

I'm confused with these shadows meaning. Please explain.

[Reply](#)



- o *Karthik Rangappa* says:
[August 5, 2019 at 10:36 am](#)

Yes, each candle represents one day. I'd suggest you check the previous chapter, on the anatomy of candlesticks. I have explained this there. Thanks.

[Reply](#)



186. *Parth* says:
[August 2, 2019 at 2:28 am](#)

The data can either be information or noise. What is meaning of noise in this context?

[Reply](#)



- o *Karthik Rangappa* says:
[August 2, 2019 at 5:51 pm](#)

Data has to give you information, Parth. Like an EOD data has 4 data points, which summarises the price action for the day. The same thing can be assimilated by looking at 15minute charts...but in the process, you'll be dealing with a lot more data points. This is when you convert information-bearing data to noise.

[Reply](#)



187. *NILESH SHAHANE* says:
[July 1, 2019 at 7:40 pm](#)

Hello,

Your IQ charts are amazing. just want to improve one things. currently u provide 4 types multiple chart. if possible increase charts type t 6 to 8 in one window. with zomm in zoom out facility(just like trading views) from same window. order placement facility from multiple chart window.

[Reply](#)



188. *Isha* says:
[June 14, 2019 at 3:25 pm](#)

The readings are very simple and easy to understand. I really like the material, its worth reading. I follow the material for other topics as well.
 Thnx for such material!!

[Reply](#)



- o *Karthik Rangappa* says:
[June 15, 2019 at 12:17 pm](#)

Glad you liked them, Isha. Happy to note that. Keep learning 😊

[Reply](#)



189. *MANIK PANDIT* says:
[June 7, 2019 at 8:44 pm](#)

Dear Sir,

I am really thankful to you as we can learn a lot from you. Same thing is being taught by other people charging a lot of money in the name of giving \"certificate or diploma in share market\", \"Fundamental analysis\", \"Technical Analysis\" etc. I don't know what is the difference between the your contents and their contents. But I am sure that your \"varsity contents\" are very rich and qualitative. Is there any scope of getting any certificate or diploma from your end also ?

[Reply](#)



- o *Karthik Rangappa* says:
[June 8, 2019 at 10:39 am](#)

Thanks for the kind words, Manik!. Yes, we recently started a certificate program, but its available only via the app here – <https://play.google.com/store/apps/details?id=com.zerodha.varsity>

[Reply](#)



190. *abhishek garg* says:
[May 17, 2019 at 8:12 pm](#)

i am not able to understand the no.of candles which is in time frame chart

[Reply](#)



- o *Karthik Rangappa* says:
[May 18, 2019 at 8:19 pm](#)

The number of candles depends on the timeframe. For example, if you are looking daily chart for the last 5 days, then you will see 5 candles. If you are looking at 1hr intraday, then you will probably see 6 candles.

[Reply](#)



191. *Sankar Ghosh* says:
[May 3, 2019 at 2:40 pm](#)

Can you please elaborate what stoploss is?

[Reply](#)



- o *Karthik Rangappa* says:
[May 4, 2019 at 10:27 am](#)

Sankar, imagine you've bought a stock at 100 with an expectation that it will hit 109. However, just to be safer you do not want to hold on to the stock if it starts going below 95. At 95 you want to sell the stock and book your loss. So 95 becomes your stop loss price.

[Reply](#)



192. *Karan Bhatt* says:
[April 25, 2019 at 4:57 pm](#)

Wouldn't line charts with different colors be a better technique to visualize this data?

[Reply](#)



- o *Karthik Rangappa* says:
[April 26, 2019 at 12:36 pm](#)

Line chart is limited to one field (close). Candlestick, on the other hand, helps you visualize all the 4 i.e open, high, low, and close.

[Reply](#)



193. *gk* says:
[April 24, 2019 at 9:28 pm](#)

when continuous chart will be available for lower time frame
when will it be available for cds?


[Reply](#)



- o *Karthik Rangappa* says:
[April 25, 2019 at 12:05 pm](#)

It is available for EQ and commodities for now. CDS is on the list of things, hopefully soon.
Unfortunately cannot give a timeline on this.

[Reply](#)

194.  *Rohan Sawant* says:
[April 9, 2019 at 10:52 pm](#)

What about candle volume chart? it has 5 types of candles.
red-hollow, when the volume is green
red-filled, when the volume is red,
green-hollow, when the volume is green
green-filled, when the volume is red
and
black


what do the colours mean???

[Reply](#)

- o  *Karthik Rangappa* says:
[April 10, 2019 at 11:41 am](#)

Rohan, we have not discussed it here as I don't really find any special advantage of candle volume chart over a regular candle chart with volume overlay.

[Reply](#)

195.  *SATHYANARAYANAN RAMARAO* says:
[March 28, 2019 at 12:00 pm](#)


can you please suggest further reading material for volume candles??
thanks in advance

[Reply](#)

- o  *Karthik Rangappa* says:
[March 28, 2019 at 2:51 pm](#)

There is nothing more to volumes. This is the only basic concept.

[Reply](#)

196.  *Md Sohail* says:
[March 24, 2019 at 8:43 pm](#)

Hi Karthik,

Please make module on price action trading.. 😊😊

Thanks!

[Reply](#)

- o  *Karthik Rangappa* says:
[March 25, 2019 at 11:33 am](#)

The whole of candlestick is about price action, Sohail 😊

[Reply](#)

197.  *MANAS* says:
[March 3, 2019 at 11:02 am](#)


I want crude oil chart closing 1 HR basis, I mean 9:30 am to 10:30 am candle, again 10:30 to 11:30 am candle. IS is possible???

[Reply](#)

- o  *Karthik Rangappa* says:
[March 4, 2019 at 2:30 pm](#)

Yes, shift the frequency to hourly charts.

[Reply](#)

-  *MANAS* says:
[March 5, 2019 at 8:37 am](#)


no , no, It i showing 1 candle beginning from 9 am to 10 am, what I want is , the candle will start 9:30am and will end 10:30 am

[Reply](#)

-  *Karthik Rangappa* says:
[March 5, 2019 at 12:27 pm](#)

Manas, the hourly candle starts from 9:15-10:15, 10:15-11:15 etc. You cannot set a custom time frame here.

[Reply](#)

198.  *Leeladhar* says:
[February 24, 2019 at 10:54 am](#)


is Indicator Rsi stochatist and MACD available in Zerodha chart

[Reply](#)

- o  *Karthik Rangappa* says:
[February 25, 2019 at 11:26 am](#)

Yes, it is.

[Reply](#)

199.  *Upesh* says:
[February 23, 2019 at 12:48 pm](#)


Can technical analysis be used for mutual fund NAV analysis?

[Reply](#)

- o  *Karthik Rangappa* says:
[February 24, 2019 at 8:20 am](#)

I think it is best to avoid that.

[Reply](#)

-  *Upesh* says:
[February 24, 2019 at 1:08 pm](#)


Hi, Thanks for your reply. Is there any other form of analysis which can be used for studying the pattern of NAV movement?

[Reply](#)

-  *Karthik Rangappa* says:
[February 25, 2019 at 11:27 am](#)

You can also check the fund's factsheet where you will find a lot of other information.

[Reply](#)

200.  *Marimuthu* says:
[February 22, 2019 at 2:12 pm](#)


could you help me ,in my chart not view in the desktop terminal

[Reply](#)

- o  *Karthik Rangappa* says:
[February 24, 2019 at 8:08 am](#)

Request you to call our customer service for this.

[Reply](#)

201.  *Gaurav Bajpai* says:
[February 21, 2019 at 1:29 pm](#)

Hi Nithin,


what's the significance of random black candle in the colored bar chart?

[Reply](#)

- o  *Karthik Rangappa* says:
[February 21, 2019 at 5:16 pm](#)

You should not get a random black bar if the colour code is set to say a green and red.

[Reply](#)

202.  *Alok* says:
[February 11, 2019 at 1:15 pm](#)

Hi Karthik,

I plotted 5 Days 1 Hour chart today (11 Feb 2019) in Kite and noticed that from 23rd Jan-4th Feb there are no candles..just some small horizontal lines. The market had fallen 750-800 points in 5 days and recovered back on 4th Feb. Also, those horizontal bars were also not spaced at 1 hour...is it an error or am i missing something! Kindly let me know..

Thanks,
Alok

[Reply](#)



- o *Karthik Rangappa* says:
[February 12, 2019 at 11:29 am](#)

I checked a couple of stocks and they all look fine to me, Alok. Which stock are you looking at?

[Reply](#)



- *Alok* says:
[February 13, 2019 at 12:36 pm](#)

Hi...sorry i forgot to mention..i was looking at the nifty chart...i cannot attach the snap here..else i would have done that..

[Reply](#)



- *Karthik Rangappa* says:
[February 14, 2019 at 11:14 am](#)

Nifty too looks good to me, Alok. Can you refresh your browser and check again?

[Reply](#)



- *Alok* says:
[February 15, 2019 at 12:25 pm](#)

Yeah...its correct now...all candles are visible at 1 hr gap...I still have the snap though and its looks like a hole in the pattern:))...so i asked just to see if they were some special sort of gaps or some weird pattern!! 😂 Turned out to be a tech glitch!!



- *Karthik Rangappa* says:
[February 17, 2019 at 7:53 am](#)

Good luck, Alok 😊



- 203. *Suvajit* says:
[January 9, 2019 at 12:40 pm](#)

Hi Karthik,

I have few queries and I have found your course very helpful at least to understand where I was wrong till now.

1) I know you have explained about the S&R levels are very important and how to figure them out from a manual graphical study point of view. I see a lot of formulas to also calculate the S&R. Do you suggest using the formula to calculate the S&R or you would suggest to manually find them? Any suggestion on how to automate?

I am trying to put them in an excel sheet for lil bit of automation. Hence asking this question.

2) Can we take a call of Buy or Sell based on few combinations? Like Bullish Marubozu + VolumeUp or do we have to rely on complete pattern matching? I know this will come with experience however want to know your view.

3) Sometimes I see although the MACD and RSI Suggest the reverse of what is happening in the market. Can we rely solely on these indicators?

Thank you in advance for all your hard work.

Suvajit

[Reply](#)



o *Karthik Rangappa* says:
[January 10, 2019 at 8:45 am](#)

- 1) I prefer the manual way to identify S&R
- 2) Yes, these combinations in my opinion only increases the probability of a successful trade
- 3) Nope, I'd not suggest that. I prefer to rely more on price action which is manifested in candlestick patterns.

[Reply](#)



204. *Hemant Kumar* says:
[December 28, 2018 at 4:46 pm](#)

Hii Sir,

1. How longer the real body show strong involvement of buyer or seller and it can be measured in numbers.
2. Can we say higher real body means high volatility and lower real body means less volatility.
3. What does indicate longer the upper/lower shadow and shorter the upper/lower shadow.

[Reply](#)



o *Karthik Rangappa* says:
[December 29, 2018 at 10:40 am](#)

- 1) You can check the range for this.
- 2) Yes, you can
- 3) Again, you can treat this similar to the volatility.

[Reply](#)



205. *Pragathi* says:
[December 22, 2018 at 10:35 am](#)

Sir, I had 2 doubts

1. How will a bearish candle stick represent when close price and low price are same.
2. Sir you mentioned about noise at the end sir please provide an example as to how to differentiate noise and information.

[Reply](#)

- o *Karthik Rangappa* says:
[December 22, 2018 at 12:47 pm](#)

1) It will result in something called as a gravestone doji
2) If the frequency of data flow is high (like a tick chart or say 1-minute chart), then the data set can contain a lot of unnecessary noise and very little information.

[Reply](#)

206. *Kiran* says:
[November 21, 2018 at 12:37 pm](#)

Hi Karthik,
Is there any intraday strategy which is 90percent accuracy or is there any training provided by someone or you

[Reply](#)

- o *Karthik Rangappa* says:
[November 21, 2018 at 5:23 pm](#)

None that I know 😊

[Reply](#)

207. *khan* says:
[November 8, 2018 at 12:37 pm](#)

Hi ,
okay i got to know reading of the chart and types , so now how i create this charts and trade by self decision ?

[Reply](#)

- o *Karthik Rangappa* says:
[November 8, 2018 at 5:18 pm](#)

Khan, there is no need to create these charts. These charts render themselves based on the streaming data on applications such as Zerodha Kite – <https://kite.zerodha.com/>

[Reply](#)

208. *pratik* says:
[November 5, 2018 at 12:46 am](#)

sir, on kite i am not able to scroll charts by finger after turning off crosshair function. is there any new changes brought in kite?

[Reply](#)

- o *pratik* says:
[November 5, 2018 at 12:51 am](#)

i.e. earlier after scrolling to right i was able to see chart of previous day or earlier days. from yesterday i am not able to scroll it at all.

[Reply](#)



- o *Karthik Rangappa* says:
[November 5, 2018 at 11:33 am](#)

No, there are no changes, Pratik.

[Reply](#)



209. *CHANDRA PRAKASH* says:
[October 16, 2018 at 10:31 pm](#)

Hello Karthik

Zerodha have a very good charting platform ie kite. Your team have done a great job. But there are some issues which need to be rectified. First issue I am facing is drawing/analysis disappeared next day after log in kite & Second issue – can we expect permanent order type in your platform (ie. we shall place a stoploss or buy order until execution). This feature I think shall be very useful for working professional as well as regular trader.

[Reply](#)



- o *Faisal Mohammed* says:
[October 17, 2018 at 7:14 pm](#)

Drawings are locally cached. As long you don't shut down your browser completely, the drawings will remain.

Will pass the second feedback to the product team

[Reply](#)



- *Chandra prakash* says:
[October 17, 2018 at 10:19 pm](#)

Dear Faisal
Thanks for your reply.

[Reply](#)



210. *Vinothini* says:
[October 14, 2018 at 10:29 pm](#)

hello Karthik,

How do I access the daily chart i.e 10 min charts of a particular period or a particular date of the past?


[Reply](#)



- o *Karthik Rangappa* says:
[October 15, 2018 at 2:05 pm](#)

Change the frequency to 10 mins, you can check the 10 mins data for the last 3 years.

[Reply](#)

211.  *d raj* says:
[September 30, 2018 at 6:20 pm](#)


Can u please provide BUY and SELL order directly in the charts in Kite? I know it is there in Pi but there is some bug in it and its chart features are very cumbersome to use. So, Please provide the same in Kite as soon as possible.

[Reply](#)

o  *Karthik Rangappa* says:
[October 1, 2018 at 11:39 am](#)

I'll pass this feedback to the tech team, Raj.

[Reply](#)

212.  *ANUJ ASATI* says:
[September 12, 2018 at 12:00 pm](#)


As mentioned above long bodied candle depicts strong buying or selling activity. A short bodied candle depicts less trading activity and hence less price movement.
 What would you say about the length of the upper and lower shadow?

[Reply](#)

o  *Karthik Rangappa* says:
[September 12, 2018 at 3:04 pm](#)

I'm not too concerned about the shadows, simply because it could be an intraday spike with no real trading.

[Reply](#)

213.  *Dheeraj Prasad* says:
[September 11, 2018 at 10:00 pm](#)


"filter information from noise" Please elaborate it in detail. I didn't get this point.

[Reply](#)

o  *Karthik Rangappa* says:
[September 12, 2018 at 1:30 pm](#)

Frequent data like tick by tick data is noise (unless your system is designed to deal with it). In general, larger the time frame, the better is the quality of the signal (information).


[Reply](#)

■  *Dheeraj Prasad* says:
[September 12, 2018 at 2:46 pm](#)

Thanks Karthik... Got your points.. varsity really helping to understand stock market . I've just started reading it and found very helpful and easy to understand. I appreciate it.

Best Regards.


[Reply](#)

214.  *S V Prasad* says:
[September 1, 2018 at 10:38 pm](#)

Hi Karthik,
 Varsity is simply best. Also appreciate you and your team for explaining complex content in simply way to TA beginner like me.
 Regarding Candlight charts in kite, cannot it possible to highlight Spindle or Dojji on charts directly by software as indicators part of the chart.


Regards,
 Prasad

[Reply](#)

- o  *Karthik Rangappa* says:
[September 3, 2018 at 9:15 am](#)

Thanks for the kind words, Prasad.
 That may be a little tricky. I'm not sure if that would be possible. Let me check.

[Reply](#)

215.  *Bipin* says:
[August 25, 2018 at 4:23 pm](#)

Hi Karthik! To begin with, I congratulate you on the simple language used for easy understanding of new comers like me.
 Request you to elaborate on the statement in this chapter

'The data can either be information or noise. As a trader, you need to filter information from noise'.

Also advise how do I draw trend lines on the daily charts while the market is in the session.


Regards,
 Bipin

[Reply](#)

- o  *Karthik Rangappa* says:
[August 26, 2018 at 10:12 am](#)

Noise is when you look at high-frequency data – for example within a 5 mins window, a stock could have traded between 100 and 100.75 several time. A trader trying to digest this information at every trade (tick data), according to me is dealing with noise (unless you have a HFT strategy). So lower the frequency, higher is the noise and vice versa.

[Reply](#)

-  *Bipin* says:
[August 29, 2018 at 9:09 pm](#)

Thanks Karthik the information is helpful.

Can you suggest a free software or site where I can see or record the daily HLOC rates of scripts to help me select scripts for trading. In fact, I have read about it somewhere in the Varsity or in questions and answers but am not getting it.

Regards,

[Reply](#)



■ *Karthik Rangappa* says:

[August 30, 2018 at 9:03 am](#)

You just need a good charting library for this. I'd suggest you use Kite. Here is a quick look at charting on Kite – <https://www.youtube.com/watch?v=5M232FaN5Ks&list=PLkxTRam6E2V-okv6gwQlt6dLTsn0v6CD1&index=10>

[Reply](#)



■ *Bipin* says:

[August 29, 2018 at 9:10 pm](#)

Thanks Karthik the information is helpful.

Regards,

[Reply](#)



■ *Karthik Rangappa* says:

[August 30, 2018 at 9:03 am](#)

Good luck!

[Reply](#)



216. *ritesh* says:

[August 22, 2018 at 9:58 pm](#)

dear sir,
pls tell me what are the charges of \"Pi chart\" uses.

[Reply](#)



○ *Karthik Rangappa* says:

[August 23, 2018 at 12:43 pm](#)

No charges for any trading platform from Zerodha.

[Reply](#)



217. *Gaurav* says:

[August 1, 2018 at 1:46 am](#)

Hi Karthik,

first all I would like to say a big thank you from the bottom of my heart for this wonderful chapters. I m new to finance and I feel very comfortable after reading this. now my question to you is that what is \"Mark to Market\" with an example.

[Reply](#)



- o *Karthik Rangappa* says:
[August 1, 2018 at 11:26 am](#)

Gaurav, thank you so much for the kind words.

Mark 2 Market (M2M) is basically settling your Profit or loss at the end of the day for an open position. Have explained with examples hee – <https://zerodha.com/varsity/chapter/margin-m2m/>

[Reply](#)



218. *prakhar* says:
[July 9, 2018 at 7:17 pm](#)

is it possible to get lower then one minute timeframe candlestick chart say 30 second or 15 seconds.
also what is your opinion on tick charts. Are they really better then time charts.
thank you

[Reply](#)



- o *Karthik Rangappa* says:
[July 10, 2018 at 12:49 pm](#)

No, not possible on Kite. But I personally think, the lower the time frame, the higher is the noise component.

[Reply](#)



219. *hansaben* says:
[July 6, 2018 at 3:52 pm](#)

Which time frame best in chart for intraday trading

[Reply](#)



- o *Karthik Rangappa* says:
[July 7, 2018 at 10:38 am](#)

You can start with a 15 mins chart.

[Reply](#)



220. *RUSHABH* says:
[June 28, 2018 at 8:14 pm](#)

SIR CAN YOU EXPLAIN ME CANDLE STICK CHART IN REAL TIME


[Reply](#)



- o *Karthik Rangappa* says:
[June 29, 2018 at 11:21 am](#)

What do you mean by that, Rushabh?

[Reply](#)

221.  *Shubham Verma* says:
[June 15, 2018 at 5:49 pm](#)


When will I find Time series on charts on zerodha.. i mean tool of time series/time gaps?

[Reply](#)

- o  *Karthik Rangappa* says:
[June 16, 2018 at 11:16 am](#)

Are you referring to charts? Do check out Kite – <https://kite.zerodha.com/>

[Reply](#)

222.  *Pradip* says:
[June 1, 2018 at 11:41 am](#)

How can i access your chart to my website is there any method or module?

[Reply](#)

- o  *Karthik Rangappa* says:
[June 1, 2018 at 12:34 pm](#)

Login to kite.zerodha.com with your credentials and enjoy the charting feature 😊

[Reply](#)

223.  *Ankit Mittal* says:
[May 19, 2018 at 7:17 pm](#)


In my Kite account, candle chart is not showing volume candles. Please help. I switched off by mistake

[Reply](#)

- o  *Karthik Rangappa* says:
[May 20, 2018 at 10:47 am](#)

Click on the studies and load the volume chart, back again.

[Reply](#)

224.  *Abhishek V* says:
[May 1, 2018 at 10:49 pm](#)


You are right Karthik. After having thought for three days and seen various candlesticks I am beginning to understand the nuances of trading and the meaning of your words now. Entry, exit, stoploss, reentry, adjusting stoplosses all have meaning. it,s tough game really! Clarity of thought, quick right decision and a little bit of luck may improve chances of a trade in your favour , but there is no guarantee to success is all I have understood.

[Reply](#)

- o  *Karthik Rangappa* says:
[May 2, 2018 at 8:00 am](#)


You are absolutely right, Abhishek! Keep learning, this is the only good way to survive and successful in the markets 😊

[Reply](#)

225.  *Abhishek V* says:
[April 28, 2018 at 10:47 am](#)

morning 10am.

[Reply](#)

226.  *Abhishek V* says:
[April 28, 2018 at 10:11 am](#)

Hello Karthik


pl correct me, if i am wrong. I decide my intraday move from zerodha candlesticks and go for 1Day chart (located at bottom of char i choose 3M and then automatically 1D comes at top of the chart, which i believe is the 1 day chart). Now having seen this 1D chart i put my trade (long or short based on vol, cs patterns and other points from ta varsity) in the morning at 10pm. Then i do nothing for the whole day , i let either sl hit or target hit. By doing this i was getting continuous profit for the last 10 days. but for the last 3 days i am getting continuous losses. Whats wrong in my method, Pl guide.

[Reply](#)

- o  *Karthik Rangappa* says:
[April 28, 2018 at 12:22 pm](#)

Abhishek, you will have to introspect on each trade and analyze what went right and what went wrong. I'm sure you will find your answers.

[Reply](#)

227.  *trader* says:
[April 19, 2018 at 7:28 pm](#)


is range trading disadvantageous as compared to trend trading? i hear people saying to stay away from sideways markets but after having analysed many intraday charts of numerous stocks i find that when the stock goes into a sideways range the support and resistance level become more clearly defined. I agree that the reward will little as the stock will not move much but by trading multiple times going both long and short throughout the day it can be seen that the total gain is almost same as one trending move gain.. so why exactly do people say to not trade range markets even when the SR levels can be more clearly defined?

[Reply](#)

- o  *Karthik Rangappa* says:
[April 20, 2018 at 11:45 am](#)

I'm really not sure, but I too like trading the sideways markets for the exact same reason 😊

[Reply](#)

228.  *suresh* says:
[April 14, 2018 at 10:52 pm](#)

is there option to download contents in pdf?

[Reply](#)



- o *Karthik Rangappa* says:
[April 16, 2018 at 1:47 am](#)

Scroll to the end of the chapter and you will find the link to download the PDF –
<https://zerodha.com/varsity/module/technical-analysis/>

[Reply](#)

229.  *ananth* says:

[April 6, 2018 at 7:15 pm](#)

End of Day Chart Displays Only up to 03.29 PM Only.
Last minute values are not being shown up. candle is forming from 3.29:01 to 3:29:60?

[Reply](#)



- o *Karthik Rangappa* says:
[April 7, 2018 at 1:41 pm](#)

We sync the data with the bhav copy every day, so the closing prices will match with the exchange data.

[Reply](#)

230.  *Meet Shah* says:

[March 27, 2018 at 12:50 pm](#)

Hi Kartik Sir,
After migrating into Kite 3.0, I am unable to open any charts
While opening charts, I am facing a error:
ChartIQ is not available on your computer

Can you please help as to what may be the possible error

Thanks
Meet Shah

[Reply](#)



- o *Faisal Mohammed* says:
[March 28, 2018 at 10:55 am](#)

Are you using Internet Explorer? If yes, can you try using a different browser?
If this still doesn't fix your issue, please raise a ticket here

[Reply](#)

231.  *ADITYA KUMAR JAIN* says:

[March 22, 2018 at 6:22 pm](#)

I compare two charts on Kite (Nifty& Indiabulls hsg. Ltd.). But I don't understand what is that % of Y-axis. Can you please, tell me how can I compare two charts on kite & what's that %.

[Reply](#)

- o *Karthik Rangappa* says:
[March 23, 2018 at 10:51 am](#)

Aditya, Y-axis is the price. You can click on \'compare\' option below the symbol name in the chart. Additionally, you can click on display and select 4 or 2 chart options. Please note, these features are available on Kite 3.

[Reply](#)

232. *Jayashree* says:

[March 14, 2018 at 12:54 am](#)

What is an ideal time frame to complete a trade if only Technical Analysis is being used? Is it a day or two or more like two weeks to a month?

[Reply](#)

- o *Karthik Rangappa* says:
[March 14, 2018 at 8:20 am](#)

If you are using an MA-based system, then you can look at time frames like a month or two. If you are looking at patterns then it has to be short-term – like a week or so.

[Reply](#)

233. *Sandhya* says:

[March 3, 2018 at 6:07 pm](#)

Superb Tutorial. Thanks for having the patience to write these and educate so many of us Karthik . Not an easy task to make it so simple . And it is free for all.
No words to explain the good will. Thanks again

[Reply](#)

- o *Karthik Rangappa* says:
[March 4, 2018 at 9:06 am](#)

Thanks for the kind words, Sandhya 😊
Good luck and happy learning!

[Reply](#)

234. *Pushpendra Chauhan* says:

[February 16, 2018 at 5:22 pm](#)

Very informative and well explained data. But sir, can you please suggest me some video modules too for the better understanding of the movement. Thank you.

[Reply](#)

- o *Karthik Rangappa* says:
[February 16, 2018 at 7:00 pm](#)

We will try and add more videos here, please do stay tuned –
<https://www.youtube.com/user/zerodhaonline>

[Reply](#)

235.  *Heer* says:

[February 16, 2018 at 1:45 pm](#)

Excellent module. is real body of Japanese candle stick represents volume traded on that day?

[Reply](#)

o  *Karthik Rangappa* says:

[February 16, 2018 at 6:43 pm](#)

No, the real body of a candlestick does not really portray volume details. However, similar to candlesticks, there is something called candle volume, which does. Will probably include a supplementary note on this sometime soon.

[Reply](#)

■  *heer* says:

[February 17, 2018 at 11:44 am](#)

So, what exactly real body reveals and with which variable its length is varied ?


[Reply](#)

■  *Karthik Rangappa* says:

[February 17, 2018 at 7:06 pm](#)

Real body represents the price action for the day, thats what it represents.

[Reply](#)

■  *Heer* says:

[February 18, 2018 at 11:20 pm](#)

Thanks for immediate response. You really helping newbie not only with basics but quick and clear response. Thanks.

■  *Karthik Rangappa* says:

[February 19, 2018 at 2:33 pm](#)

Good luck and happy learning 😊

236.  *atul* says:

[February 13, 2018 at 9:54 pm](#)


Hi,
 Please add Banknifty Spot chart to kite and Pi.

[Reply](#)

- o  *Karthik Rangappa* says:
[February 14, 2018 at 11:35 am](#)

It is available, try using '\Bnkifty Index\' as your search in the market watch.

[Reply](#)

237.  *Tushar Bhadouria* says:
[February 11, 2018 at 8:24 pm](#)


i am not able to getting close price

[Reply](#)

- o  *Karthik Rangappa* says:
[February 12, 2018 at 11:56 am](#)

Can you check now?

[Reply](#)

238.  *ishtiaq* says:
[February 5, 2018 at 12:17 am](#)

please explain noise and information
and how to discard noise


[Reply](#)

- o  *Karthik Rangappa* says:
[February 5, 2018 at 10:55 am](#)

Hmm, that would be very difficult 😊

Consider this – you are a part of the high school Whatsapp group with about 100 people in it – on a daily basis, you will receive tons of junk messages, like the '\Good Morning\' messages. Most of such messages are a waste – just like noise. Once in a way, you get an important message, like maybe a message for a school reunion – this would be information. In the trading world, 1 min chart has tons of buy/sells without any meaningful change in price – this is noise. But there could be 1 or 2 trades, which brings in liquidity and influences the direction of the trade. This is information.

[Reply](#)

239.  *BK* says:
[February 2, 2018 at 12:27 am](#)

Hi,
In technical analysis chart, in 5min chart the figure shows one scenario and in 15 min it is different. As both are used for intraday, on which we should rely.

[Reply](#)

- o  *Karthik Rangappa* says:
[February 2, 2018 at 11:41 am](#)

Yes, this is because they are two different timescales. Which one to depend upon depends upon your trade temperament.

[Reply](#)

240.  *Muffadal Katheria* says:
[January 19, 2018 at 5:42 pm](#)

Dear Karthik,

Greetings for the day. Thanks for such great explanation.

If I am looking for a BTST or a Short Term trade and willing to hold my position for few days, than for Single Candle Stick Patterns and Multiple Candle Stick patterns, I would be using data for a single day or last 2 or 3 days only.

1. Please confirm if my understanding is correct ?
2. When we say uptrend or downtrend, in my case as mentioned above, how many number of days should be considered for the stock to be in uptrend or downtrend ?

Thanks in Advance.


Regards,
Muffadal

[Reply](#)

o  *Karthik Rangappa* says:
[January 20, 2018 at 9:33 am](#)

- 1) Yes, however, I think 2-3 days data may not be sufficient, at least 1 week\'s worth of data should be good enough
- 2) Like I mentioned for previous query, look for at least 12-15 trading sessions worth of data

[Reply](#)

241.  *Rajendra* says:
[January 18, 2018 at 3:50 pm](#)

There is a website of Zerodha, I have visited earlier. I am not able to find it now.

The Website is about the Technical Indicators used by the Zerodha. How they work, what they are used for and complete detail about it.

Can anybody provide me the link to that website.


Thanks.

[Reply](#)

o  *Karthik Rangappa* says:
[January 19, 2018 at 10:59 am](#)

Is this the one? – <https://zerodha.com/varsity/chapter/supplementary-notes-1/>

[Reply](#)

242.  *Pratik* says:
[January 9, 2018 at 2:58 pm](#)

Dear sir, how to see NIFTY BANK-SPOT chart in zerodha kite? Or only NIFTY BANK FUTURE charts are available?

[Reply](#)



- o *Karthik Rangappa* says:
[January 10, 2018 at 10:53 am](#)

Yes, add the chart on your market watch and click on charts. Check this –
<https://www.youtube.com/watch?v=5M232FaN5Ks&list=PLkxTRam6E2V-okv6gwQlt6dLTsn0v6CD1&index=10>

[Reply](#)

243.  *ajay* says:

[January 7, 2018 at 10:09 pm](#)

Friends i m a beginner, so i want to know how add data box in kite platform in browser to see particular candle ohlc that already shown in pi platform.

[Reply](#)



- o *Faisal Mohammed* says:
[January 8, 2018 at 11:39 am](#)

Ajay, you can click on the 'Info' button which will enable the OHLC data for each candle. Check this screenshot for more help

[Reply](#)



- *ajay* says:
[January 9, 2018 at 7:46 am](#)

thanks sir

[Reply](#)

244.  *Richie* says:

[December 16, 2017 at 1:52 am](#)

Hi Karthik – Had 2 queries:-

1. If I want to place say 2 to 4 trades a week, my understanding is I should use 1 Day Candlestick (instead of 15 minute, 30 minutes or 1 week candlestick). Is that correct?

2. You said that after entering a trade, we must not do anything until the target or stop loss is hit. But for how long should we wait if neither of the two are hit if we are trading based on TA?

[Reply](#)




- o *Karthik Rangappa* says:
[December 16, 2017 at 6:57 pm](#)

1) I'd suggest you use EOD charts

2) Technically you should wait till either one is achieved, but if you are forced to withdraw, then maybe you can consider time-based SL.

[Reply](#)

245.  *sunil* says:
[December 8, 2017 at 10:52 am](#)


Hi Karthik,
 Where can I get more information on Heikin Ashi chart style?

[Reply](#)

o  *Karthik Rangappa* says:
[December 8, 2017 at 11:32 am](#)

We dont have any content around this as of now, Sunil.

[Reply](#)

246.  *shahofblah* says:
[December 1, 2017 at 8:53 pm](#)

>Also note, a long bodied candle depicts strong buying or selling activity. A short bodied candle depicts less trading activity and hence less price movement.

I don't get this. IMO candle length represents the net positive/negative info made accessible to the public over the course of a day which need not correspond to volume traded. If every market participant revises their valuation of a stock upwards by x over the course of the day, this fact will reflect in close = open + x but not have any bearing on market volume.


It's also possible that Open = Close but minute fluctuations in individual valuations caused lots of trading activity. Essentially the two are not correlated IMO.

[Reply](#)

o  *Karthik Rangappa* says:
[December 2, 2017 at 11:32 am](#)

A long-bodied blue/green candle means that the buyers were willing to buy at any given price during the day, hence the long candle. Likewise, in a long red candle – sellers were willing to sell the stock/index at any given price.

[Reply](#)

247.  *BIRENDRA GIRI* says:
[November 29, 2017 at 1:43 pm](#)


Dear Sir.
 Requested you that please lets us confirm which suitable time we should enter for intraday...

[Reply](#)

o  *Karthik Rangappa* says:
[November 30, 2017 at 10:54 am](#)

The time is right when the opportunity strikes!

[Reply](#)

248.  *Sugandha* says:
[November 16, 2017 at 6:42 pm](#)

Hii Karthik


Which chart should I use for Positional trading (one to two months investment horizon)

[Reply](#)

o  *Karthik Rangappa* says:
[November 17, 2017 at 12:06 pm](#)

I'd suggest the end of day chart.

[Reply](#)

■  *Sugandha* says:
[November 27, 2017 at 6:27 pm](#)


Actually Karthik, I am new in the stock market, can u please elaborate what is EOD the chart and in kite app/web where to see it ?

[Reply](#)

■  *Karthik Rangappa* says:
[November 28, 2017 at 11:11 am](#)

EOD means 'End of day' chart. It contains the day's open high low and close prices. On Kite, click on a stock name, and you will see the chart icon highlighted. Click on it to open up the chart.

[Reply](#)

249.  *Anjani Singh* says:
[November 4, 2017 at 9:27 am](#)

Please add information about:

- Renko charts
- Point and Figure
- Heiken Ashi Charts, etc

This will make this charts journey complete.

[Reply](#)

o  *Karthik Rangappa* says:
[November 4, 2017 at 2:33 pm](#)

Will try and add that in the supplementary note.

[Reply](#)

■  *Daljeet Singh* says:
[August 13, 2018 at 12:47 pm](#)

Do Zerodha have Point and Figure chart in Kite or Pi?? Is there a note about it in Zerodha Varsity? Pls do share any info about it, will be helpful. By when can we expect it in case if you don't have.

Thanks,

[Reply](#)

-  *Karthik Rangappa* says:
[August 14, 2018 at 1:54 pm](#)

Is available on Kite, but unfortunately there is no note on this in Varsity. Will try and work towards it 😊

[Reply](#)

-  *Daljeet Singh* says:
[August 15, 2018 at 11:00 am](#)

Thanks Karthik for your timely reply. If not available in Zerodha Varsity, can you pls suggest some site if you are okay would be helpful.

-  *Karthik Rangappa* says:
[August 15, 2018 at 11:48 am](#)

Diljeet, sure I try and check for resources.

-  *Daljeet Singh* says:
[August 15, 2018 at 11:02 am](#)

Even a short video from Zerodha would be really helpful.

Thanks, hope I'm not asking too much!

-  *Karthik Rangappa* says:
[August 15, 2018 at 11:49 am](#)

Got it. I'll and figure this out.

250.  *Anshul* says:
[October 27, 2017 at 2:45 pm](#)

What is the difference between "stop loss" and "stop loss market" ?

[Reply](#)

-  *Karthik Rangappa* says:
[October 28, 2017 at 12:00 pm](#)

Stop loss is an order which prevents you from making a certain loss beyond a certain price. For example, you've bought a stock for intraday at 225, you can place a stop loss at 220, which means you will book a loss and get out if the stock falls to 220. This is also called stop loss limit.

The stoploss market is when you tell the system \”Get out of the stock at any price if the stock falls below 220\”, given this, you could even get out at 219 or 218. Whereas in stoploss limit – you will get out at 220.

Check this – <https://www.youtube.com/watch?v=eXMrEMdQWrQ&index=6&list=PLkxTRam6E2V-okv6gwQlt6dLTsn0v6CD1>

[Reply](#)



■ *Anshul* says:

[October 30, 2017 at 1:31 pm](#)

Thank u sir for clarifying my doubt....

[Reply](#)



■ *Karthik Rangappa* says:

[October 30, 2017 at 2:40 pm](#)

Cheers!

[Reply](#)

251.



Anshul says:

[October 25, 2017 at 6:28 pm](#)

how do i sell shares held on cash and carry basis.
i tried but the amount is not credited in my account

[Reply](#)



○ *Karthik Rangappa* says:

[October 26, 2017 at 11:20 am](#)

Select CNC while placing a sell order. Do make sure the shares are in your DEMAT account.

[Reply](#)

252.



sharat says:

[October 11, 2017 at 11:42 pm](#)

Hai Karthik,
very useful for the beginners.....thanks a lot.....

regards
Sharat

[Reply](#)




○ *Karthik Rangappa* says:

[October 12, 2017 at 9:05 am](#)

Cheers! Happy learning.

[Reply](#)

253.  *P.s.perumal* says:
[October 8, 2017 at 2:18 pm](#)


The real body denotes what why the high and close price are looks like thin and why real body looks thinner

[Reply](#)

o  *Karthik Rangappa* says:
[October 9, 2017 at 11:09 am](#)

It denotes the Open and CClose. The next chapter digs into the anatomy of candlesticks.

[Reply](#)

254.  *Ashok* says:
[September 30, 2017 at 9:46 pm](#)


Sir , today when i was doing check my SBI ipo .. when i saw that , chart was under maintenance. after then i again checked in the start night at 9.40 Pm , now chart showing very small candle against yesterday.. yesterday it was very nice.. but now in all time frame candles showing like almost renko chart. .. So please do it correct as yesterday.

[Reply](#)

o  *Karthik Rangappa* says:
[October 1, 2017 at 6:46 pm](#)

SBI life is not yet listed, Ashok. Also, the charts on Kite are working fine.

[Reply](#)

255.  *kariappa* says:
[September 22, 2017 at 10:14 am](#)


Hello, as I started using the chart, it was showing prices as well as volumes on the same chart, but I don\'t know what happened, maybe by mistake, now it is not showing volumes which is very problematic and inconvenient. I have tried all the basic tools available at the chart\'s top but nothing helped. Plz help in restoring the volume candles in the same price chart.

[Reply](#)

o  *Karthik Rangappa* says:
[September 23, 2017 at 12:44 pm](#)

I\'m assuming you are using Kite. Click on studies and select volume chart from the drop-down.

[Reply](#)

■  *kariappa* says:
[September 25, 2017 at 12:41 pm](#)

Thanx...

[Reply](#)



- *Karthik Rangappa* says:
[September 26, 2017 at 9:57 am](#)

Cheers!

[Reply](#)



256. *vinoth* says:
[September 8, 2017 at 6:59 pm](#)

Hi Zerodha,

I am now user. While trading intraday many shares zerodha not giving margin at the same time some shares zerodha rejecting the order. but i am having more than the order money . Please explain what is going on ..

ZM2972.

Regards,
Vinoth

[Reply](#)



- *Karthik Rangappa* says:
[September 9, 2017 at 12:25 pm](#)

Some of the shares are not permitted for intraday trading as they are under \'Trade 2 Trade\' category. Stocks under T2T should be taken in for compulsory delivery.

[Reply](#)



257. *Algernon DMello* says:
[September 3, 2017 at 2:12 pm](#)

Does the length of the rectangle in a candlestick depict

1. the magnitude difference in open and close price

OR

2. the number of trades made?

[Reply](#)



- *Karthik Rangappa* says:
[September 3, 2017 at 6:40 pm](#)

Length or range for the day.

[Reply](#)



258. *Shakeel Hassan* says:
[August 27, 2017 at 4:00 pm](#)

Very informative??Your resources are always best. But it will be very helpful for us if you add wicks to the range bars, renko like ninjatrader or mt4. And my another wish is to see tick chart on zerodha kite or pi. Please reply me, if these are possible or if you have any plan to add them shortly. Thank you

[Reply](#)

- o *Karthik Rangappa* says:
[August 28, 2017 at 10:36 am](#)

The lowest frequency for the charts is 1 minute, frankly, in my opinion, this is good enough for low-frequency intraday trading.

[Reply](#)

259. *Mayur* says:
[August 24, 2017 at 6:10 pm](#)

Hi,

A lot of time and efforts must have spent in to make such a simplicity rich content. I really appreciate those helping hands behind Varsity. Thank you guys for bringing this introductory yet rigorous trading manual(kind of) to the \'Free World\'.
—

Mayur

[Reply](#)

- o *Karthik Rangappa* says:
[August 25, 2017 at 8:43 am](#)

Hey Mayur, thank you so much for the kind words! We really appreciate it.

Happy learning.

[Reply](#)

260. *vishwanath doijad* says:
[August 23, 2017 at 9:50 pm](#)

respected madam ; i see your video in you tube please send me information about your zerodha site how this site open send me my whats app no. in hindi 8446424897

[Reply](#)

- o *Karthik Rangappa* says:
[August 24, 2017 at 11:09 am](#)

Sir...Zerodha\'s website (www.zerodha.com) opens just like any other website on the internet.

[Reply](#)

261. *Shailesh* says:
[August 16, 2017 at 11:39 am](#)

Hi...

I need some clarification regarding Renko charts.

1. As per the definition, Renko charts do not consider time – they consider only value. In that case, Renko chart for a box size of, say, one rupee, should look the same for any time frame. That is not the case. You

can check that from the following graphs.

<https://www.dropbox.com/sh/sim46jyvpawq4vg/AAB-RqyUUqJbQcfAbx-elkRka?dl=0>

2. Renko charts go back and forth for a few latest candles. i.e. they repaint. What is the logic in repainting? Is it related to timeframe? Also, if they are repainting, how can the chart be trusted?

~Shailesh

[Reply](#)



- o *Karthik Rangappa* says:
[August 17, 2017 at 10:22 am](#)

Not really familiar with Renko, Shailesh. Not sure if I can comment on this.

[Reply](#)



- o *Shakeel Hassan* says:
[August 27, 2017 at 4:09 pm](#)

Repainting is due to time frame which you select. So please select the lowest time frame possible to avoid repainting.

[Reply](#)



- *Karthik Rangappa* says:
[August 28, 2017 at 10:36 am](#)

Thanks for pitching in, Shakeel!

[Reply](#)



- *Deepak Shinde* says:
[November 3, 2017 at 6:11 pm](#)

But if major fluctuations happens in a minute then repainting of the candle will create confusion. So need to have pure price based chart. Zerodha team please let me know the solution for this.

[Reply](#)



- *Karthik Rangappa* says:
[November 3, 2017 at 6:51 pm](#)

The candle will acquire its color only after the minute is over.


[Reply](#)



- o *Shakeel Hassan* says:
[August 27, 2017 at 4:15 pm](#)

And for the renko size in different time frame, I think in kite or any other Indian platform, with change of the time frame, renko brick size also changes. You check it yourself if I am true. I'm not quite sure. And it may happen because of repainting also.

[Reply](#)

262.  *shashank* says:
[August 7, 2017 at 3:25 pm](#)


Do you have heikin ashi chart and stochastic rsi on your kite

[Reply](#)

o  *Karthik Rangappa* says:
[August 8, 2017 at 10:42 am](#)

Heikin Ashi yes. We do not have stochastic RSI, but we have stochastic momentum on Kite.

[Reply](#)

263.  *R. ELUMALAI* says:
[July 30, 2017 at 3:36 am](#)


In pi EA (Trade script) is there any command to read the price value of the existing position that we hold ?
 If not can you add the same ?

[Reply](#)

o  *Karthik Rangappa* says:
[July 30, 2017 at 9:28 am](#)

I do not think so, let me check with my colleague regarding this. Thanks.

[Reply](#)

264.  *R. ELUMALAI* says:
[July 30, 2017 at 3:10 am](#)


Can you provide the facility of automatically indicating open positions (using an arrow symbol or a green or red dotted lines for buy and sell positions correspondingly) in both the Kite and the Pi Charts (I think this is available in Meta Trader and Sher Khan Platforms). We keep manually drawing Horizontal Lines to indicate the same, which is time consuming, especially during intraday Trades where we have to be fast enough ?

[Reply](#)

o  *Karthik Rangappa* says:
[July 30, 2017 at 9:27 am](#)

Will pass the feedback to our tech team. Thanks.

[Reply](#)

265.  *Mukesh* says:
[July 24, 2017 at 4:26 pm](#)


Hi Karthik Sir, why don't you think about expanding the mobile/browser kite app as a desktop software and then completely phase out Pi? This will cut down your development cost at the same time it will provide a familiar environment to the users across multiple platform making it feel seamless

[Reply](#)

- o  *Karthik Rangappa* says:
[July 25, 2017 at 4:07 am](#)

Thanks for the suggestion, Mukesh. I'll pass this on to our tech team.

[Reply](#)

266.  *R. ELUMALAI* says:
[July 6, 2017 at 2:11 pm](#)

I have two issues:-


- 1) Can you provide the facility of automatically indicating open positions (using arrow symbol or a line) in both the Kite and the Pi Charts (I think this is available in Meta Trader and Sher Khan Platforms). We keep manually drawing Horizontal Lines to indicate the same, which is time consuming.
 - 2) Can you provide charting in Pi as available in Kite – In Pi chart the candles do not adjust there size (height) according to the chart area available as the chart keeps moving (due to new arrival of datas). It is most of the time seen as minute candles in Pi.
- 2)

[Reply](#)

- o  *Karthik Rangappa* says:
[July 7, 2017 at 11:06 am](#)

Will pass this feedback to tech team. Thanks.

[Reply](#)

267.  *Sanjay* says:
[June 27, 2017 at 12:15 pm](#)


Thank you for replying Karthik however can you please help me with any link where I can easily understand that how to make intelligent guesses, based on prior chart patters ?

[Reply](#)

- o  *Karthik Rangappa* says:
[June 28, 2017 at 6:14 pm](#)

You will have to read this module on TA for that 😊

[Reply](#)

268.  *Sanjay* says:
[June 24, 2017 at 7:21 pm](#)

I'm a beginner so sorry if I sound idiotic however I want to understand how can a chart help me trading as I can only see what has happened in last 5 minute of duration however it won't let me know that what exactly is going to happen in next 5 minutes ? Please let me know if anyone can answer this.

[Reply](#)

- o  *Karthik Rangappa* says:
[June 25, 2017 at 9:22 am](#)

In fact, nothing in real world will let you figure out what will happen over the next 5 mins in markets :). We all tend to make intelligent guesses, based on prior chart patters.

[Reply](#)

269.  *Trader_Pro* says:
[June 5, 2017 at 5:19 pm](#)


Kite has RENKO chart. But what I want to know is that are these charts closing price based or hi/low based? In closing price based charts, previous action before the close of candle is neglected and thus it becomes very misleading. Hi/low charts will have hi of candle as hi point in the period and low as low of period, this is better as entire price movement is captured this way. Please let me know Kite RENKO charts are of what type?

[Reply](#)

o  *Karthik Rangappa* says:
[June 6, 2017 at 10:31 am](#)

Renko is based on price action and not on OHLC basis.

[Reply](#)

270.  *prem* says:
[May 20, 2017 at 7:49 pm](#)


Hi any one please help me,
Is there any charts that gives us information about liquidity of stocks, I f not where do I get informations about it.....

[Reply](#)

o  *Karthik Rangappa* says:
[May 21, 2017 at 5:58 pm](#)

What sort of information you need? Do you need to know what Liquidity is ? – Check section 9.2 – <http://zerodha.com/varsity/chapter/nifty-futures/>

[Reply](#)

271.  *Ajay singh* says:
[May 3, 2017 at 8:19 pm](#)

I am not able to enter box size(renko chart) in zerodha kite .always i have same result not process my box size always auto selected box.please help.me

[Reply](#)

o  *Karthik Rangappa* says:
[May 4, 2017 at 11:11 am](#)

You can customize it to any range you need. Whats the exact problem you are facing?

[Reply](#)

272.  *Ajay singh* says:
[May 2, 2017 at 9:45 am](#)


I see zerodha provided this chart on market hours from 28 april

[Reply](#)

- o  *Karthik Rangappa* says:
[May 2, 2017 at 5:24 pm](#)

Ok.

[Reply](#)

273.  *RAJASEKAR* says:
[April 30, 2017 at 11:22 am](#)


I want to see one week time frame chart for past 10 years. Please help me out

[Reply](#)

- o  *Karthik Rangappa* says:
[May 1, 2017 at 10:04 am](#)


I'm not sure if Kite/Pi provides this. Let me get back to you.

[Reply](#)

274.  *Ajay singh* says:
[April 30, 2017 at 12:36 am](#)

Hi ,I want to know zerodha provide live renko chart or not.if yes zerodha thanks if not please provide this feature.

[Reply](#)

- o  *Rishabh* says:
[April 30, 2017 at 2:02 am](#)


Yes, they provide Renko chart. In kite you can find it in chart type section.

[Reply](#)

- o  *Karthik Rangappa* says:
[May 1, 2017 at 10:00 am](#)

Yes, please check Kite charts.

[Reply](#)

275.  *Ram* says:
[March 23, 2017 at 10:25 pm](#)

Can u include 2 minutes time frame in the chart?

[Reply](#)

- o *Karthik Rangappa* says:
[March 24, 2017 at 11:53 am](#)

At present we do not have this feature on Kite. Should be possible in the futures.

[Reply](#)

276. *kabir* says:
[March 22, 2017 at 3:23 am](#)

hey kartik how can use Elliott Wave chart in kite terminal pls tell me

[Reply](#)

- o *Karthik Rangappa* says:
[March 22, 2017 at 1:15 pm](#)

Nope.

[Reply](#)

277. *manish agarwal* says:
[February 23, 2017 at 9:33 am](#)

Hi, I have been doing some research on Google about Technical Analysis and One thing that caught my attention was the type scale of the price chart that we see matters a lot. Basically there are two type of scale 1) Linear scale 2) Log scale. And I have learned that using log scale is more accurate than the linear scale. I just want to throw this topic for discussion on this platform for more insights on the same.

[Reply](#)

- o *Karthik Rangappa* says:
[February 23, 2017 at 11:09 am](#)

Good point, I'll try and write a note on this sometime soon. For now, I'd suggest you stick to log scale.

[Reply](#)

- *Ayan Mukherjee* says:
[November 15, 2018 at 8:40 am](#)

Dear Karthik,

Please let me if we have an option in pi to use log scale instead of arithmetic.

[Reply](#)

- *Karthik Rangappa* says:
[November 15, 2018 at 12:59 pm](#)

No, Ayan you cannot do that on Pi. However, you can use Kite to look at the log scale.

[Reply](#)

278.  *Vignesh* says:

[February 10, 2017 at 4:42 pm](#)

Hi Karthick,

Am new to trading. I have a doubt here. In the no.of.candles/ time frame table,
 Monthly > 12 months/yr > 12 candles,
 Weekly > 52 weeks/yr > 52 candles,
 Daily > 365 days/yr > one candle/day but total no.of.candles is given as 252...but it should be 365 right?
 Intraday 30 minutes > 2 candles/hr will make 24 candles/day..right?
 Similarly there are differences down the table...
 Please correct me if am wrong 😊

[Reply](#)

o  *Karthik Rangappa* says:
[February 12, 2017 at 8:10 am](#)

Your query made me realize that there is a mistake in monthly and weekly as well...there are only 252 trading days a year or about 22 trading days a week ...5 a week. It needs to be adjusted accordingly.

[Reply](#)

279.  *ELUMALAI* says:

[December 27, 2016 at 12:18 pm](#)

I am not meaning the regular Stop Loss orders. BUY STOP and SELL STOP are pending orders as explained below, along with BUY LIMIT and SELL LIMIT for comparison.

Buy Stop = Going LONG once price comes UP to hit the entry price mentioned in the order.
 Buy Limit = Going LONG once price comes DOWN to hit the entry price mentioned in the order.
 Sell Stop = Going SHORT once price comes DOWN to hit the entry price mentioned in the order.
 Sell Limit = Going SHORT once price comes UP to hit the entry price mentioned in the order.


[Reply](#)

280.  *ELUMALAI* says:

[December 24, 2016 at 5:11 pm](#)

Is BUY STOP and SELL STOP orders available in Kite and Pi as available in Meta Trader.


[Reply](#)

o  *Karthik Rangappa* says:
[December 25, 2016 at 8:58 am](#)

You mean a regular SL?

Check this – <https://kite.trade/docs/kite/#market-timings>

[Reply](#)

281.  *Ramanand Kulkarni* says:

[December 21, 2016 at 10:38 am](#)

As there are 2 types of Renko charts, 1 with only body and 2 with upper and lower shadows. Can some body help me if i want renko chart with upper and lower shadows on KITE.

[Reply](#)



- o *Karthik Rangappa* says:
[December 21, 2016 at 12:44 pm](#)

I'm not too familiar with Renko. However, I've requested one of my colleagues to touch base with you soon.

[Reply](#)



- o *Ajay Singh* says:
[April 30, 2017 at 12:31 am](#)

Hi,kite is provide this services.he called coloured bar(without shadow) and candle stick(with shadow).I hope you not have any queries on this topic.

[Reply](#)



282. *ELUMALAI* says:
[December 19, 2016 at 8:37 pm](#)

In Kite whenever we click on the notification symbol (i.e. Bell Symbol) all the Menu items on the top (e.g. Dashboard, Orderbook, Holdings, Positions, Funds and Apps) are vanishing. Please check and solve the same.

[Reply](#)



- o *Karthik Rangappa* says:
[December 20, 2016 at 11:24 am](#)

Thanks, will share this feedback with kite team.

[Reply](#)



283. *Thahazeab* says:
[December 18, 2016 at 6:27 pm](#)

I found many instances where there was a red candle formation even though it closed higher than the previous candle. What could be the reason?

[Reply](#)



- o *Karthik Rangappa* says:
[December 18, 2016 at 7:44 pm](#)

Can you please share some examples? Also, where did you find this? On kite/Pi?

[Reply](#)



- *Thahazeab* says:
[December 19, 2016 at 11:27 am](#)

I found it on Zerodha Pi on a Nifty daily chart. Now, I don't know if I have misunderstood something. On November 9, there is a long green candle but on November 10, I see a red candle although it closed above the previous candle. Can you please check and reply?

[Reply](#)



- *Karthik Rangappa* says:
[December 19, 2016 at 6:00 pm](#)

Request you to please email sreenivasulu.m@zerodha.com for this.

[Reply](#)



- *Thahazeab* says:
[December 19, 2016 at 6:03 pm](#)

Alright, will do it.



- *Karthik Rangappa* says:
[December 19, 2016 at 6:04 pm](#)

Thanks.



- *Thahazeab* says:
[December 19, 2016 at 6:05 pm](#)

By the way, did you check it yourself? I hope it is not my misunderstanding of the charts in anyway 😊



- *Karthik Rangappa* says:
[December 20, 2016 at 11:20 am](#)

Not really, but don't worry you are in good hands. Sreeni is a resident expert on Pi 😊



- *Akhilesh K* says:
[December 27, 2018 at 1:54 am](#)

Thumb rule, if the closing price on Dec 10 opening price on Dec 9, then the candle will be green for Dec 9..

No need to mix Dec 9 & 10..

Green and red color of the candle on a particular day, depends only on the opening and closing price of that particular day..

Hope it clarifies..

[Reply](#)



- *Akhilesh* says:
[December 27, 2018 at 2:05 am](#)

Sorry..in the last comment, greater than and less than symbols could not be posted in the comment.

If Closing price on Dec 10 is less than opening price on Dec 10, candle for Dec 10 will be red.

If Closing price on Dec 9 is greater than opening price on Dec 9, candle for Dec 9 will be green.

Don't mix Dec 10 with Dec 9.

Red or green candle for a particular day only depends on Opening and Closing price for that particular day

284.  *ELUMALAI* says:

[December 17, 2016 at 12:11 pm](#)

Sir,


Is there any facility in Kite and Pi to indicate the Bought / Sold Positions in the Charts (i.e. small blue and red arrows automatically generated, indicating the positions where we have bought or sold a stock). It will be useful to know how far the chart has moved from the position from which we have Bought / Sold, which will be useful in intra day Trading. The same is available in Metatrader

[Reply](#)

o  *Karthik Rangappa* says:
[December 18, 2016 at 7:35 pm](#)

This is not possible in Kite, however you can trade from chart on PI wherein this is possible.

[Reply](#)

285.  *ELUMALAI* says:

[December 10, 2016 at 9:47 pm](#)


Sir, What is Periodicity, Interval and Days shown in the pop up window, on trying to open a chart in Pi.

[Reply](#)

o  *Karthik Rangappa* says:
[December 12, 2016 at 10:35 am](#)

Check this – <http://zerodha.com/z-connect/tradezerodha/pi-tradezerodha/trading-from-the-charts-pi>

[Reply](#)

286.  *ELUMALAI* says:

[December 6, 2016 at 5:42 pm](#)


Sir, Is there any facility to see the vertical (y-axis) price line in the charts, in terms of % value (% value w.r.t the previous days close price) in both Kite and Pi. The same is available in i-charts. If not available kindly add the same, since it will be very useful for us instead of manually calculating the same every time when the price moves up or down.

[Reply](#)

o  *Karthik Rangappa* says:
[December 6, 2016 at 6:11 pm](#)

Thanks for the feedback. Unfortunately we do not have the option as of now, not sure if we can add this feature easily. I'll anyway check with our team.

[Reply](#)

287.  *Naresh Kumar* says:
[November 10, 2016 at 11:02 pm](#)


How to trade with renko chart. what is size box size we have to put trade nifty and bank nifty. Please reply

[Reply](#)

- o  *Karthik Rangappa* says:
[November 11, 2016 at 1:07 pm](#)

Will try and include Renko sometime soon.

[Reply](#)

-  *Malhar* says:
[July 12, 2017 at 8:42 pm](#)


Any update on this topic.
 Thanks.

[Reply](#)

-  *Karthik Rangappa* says:
[July 13, 2017 at 10:59 am](#)


Update on?

[Reply](#)

288.  *harago* says:
[November 9, 2016 at 5:32 pm](#)


is it ok to take ltp instead of close ?

[Reply](#)

- o  *Karthik Rangappa* says:
[November 11, 2016 at 12:42 pm](#)

LTP and close can vary, better to stick to close.

[Reply](#)

289.  *VIVEK KUMAR SINGH* says:
[October 4, 2016 at 3:53 pm](#)


thanks for this tutorial

[Reply](#)

- o  *Karthik Rangappa* says:
[October 5, 2016 at 2:56 pm](#)

Welcome!

[Reply](#)

290.  *Madhuri* says:
[September 14, 2016 at 10:28 pm](#)


I'm not a geek but wonder why there is no software to determine support and resistance levels of a particular stock.

[Reply](#)

- o  *Karthik Rangappa* says:
[September 15, 2016 at 11:30 am](#)

Not sure, but its so much easier and maybe more reliable if you plot them yourself.

[Reply](#)

291.  *Naresh* says:
[September 7, 2016 at 10:34 pm](#)


Dear Nithin, Can you please return the PERIODICITY functionality to Pi. Not being able to plot weekly , monthly etc. on Pi . Prefer Pi to Kite. Thanks

[Reply](#)

- o  *Karthik Rangappa* says:
[September 8, 2016 at 11:09 am](#)

Naresh – request you to send this request to sreenivasulu.m@zerodha.com, thanks.

[Reply](#)

292.  *NareshS* says:
[August 29, 2016 at 11:49 pm](#)

Hi Karthik
 Is it possible to view a particular intraday or even a weekly chart on Pi?
 For e.g I need a chart for 1st June 2015 Nifty?
 If not, can you recommend any source/website/software to get such information?
 Thanks

[Reply](#)

- o  *Karthik Rangappa* says:
[August 30, 2016 at 11:24 am](#)

Intraday may not be possible when you date back so much. However EOD is possible on both Pi and Kite.

Check Kite's user manual – <https://kite.trade/docs/kite/#charting> and for Pi check this – <http://zerodha.com/z-connect/tradezerodha/pi-tradezerodha/charting-pi>

[Reply](#)

293.  *karthick* says:

[August 28, 2016 at 11:56 pm](#)

Hello,

Can you please add wicks to the Range Bars chart. Otherwise, it looks so easy that a monkey can trade. Obviously its quite misleading. Range Bars without wicks is close to useless IMHO. Thanks for your understanding.

[Reply](#)



o *Karthik Rangappa* says:

[August 29, 2016 at 12:04 pm](#)

Sure, thanks.

[Reply](#)



▪ *karthick* says:

[September 15, 2016 at 11:01 pm](#)

Hi Karthik,

Do you mean to say you are going to add soon. Please confirm. BTW the options write up and others too on the varsity were out of the world. You could definitely consider writing. Please keep up the good work.

[Reply](#)



294. *MANISH SINGH INSAN* says:

[August 20, 2016 at 11:25 am](#)

i make callouts for a long time and i want that there will be a search option in chart so that i can search my previous kite easily by typing in search box

[Reply](#)



o *Karthik Rangappa* says:

[August 22, 2016 at 11:55 am](#)

Well, charting on Kite is a 3rd party engine so making changes to that is not quite easy.

[Reply](#)



▪ *MANISH SINGH INSAN* says:

[August 24, 2016 at 8:44 am](#)

kite is 3rd party but you can demand for improvement for your customer. If we can search our callout and annotation by using search box. Then every user feel like expert

[Reply](#)




▪ *Karthik Rangappa* says:

[August 24, 2016 at 12:07 pm](#)

Yes, I do understand. Meanwhile you can check out – <https://in.tradingview.com/>

[Reply](#)

295.  *Darshan* says:
[August 9, 2016 at 8:47 pm](#)

Hi,
I needed to know about Renko Charts. Can you provide some information about using those charts for futures trading. Also need to know how to use Renko Charts in Kite.


—
Darshan

[Reply](#)

o  *Karthik Rangappa* says:
[August 10, 2016 at 10:54 am](#)

Renko is available on Kite, just click on chart types in your chart window and scroll down to select Renko. We will try and put up some notes on Renko.

[Reply](#)

296.  *Rsvindra* says:
[July 16, 2016 at 2:12 pm](#)


I trade and work on Kite tool. Is PI also required to be used for charts and analysis or Is Kite alone is sufficient to identify trades based on charts available in Kite tool website

[Reply](#)

o  *Karthik Rangappa* says:
[July 17, 2016 at 8:01 am](#)

Charts are the same, so that leaves us with which platform is convenient. For me both are good, but I like Kite as its a browser based application.

[Reply](#)

297.  *Chandrashekhar Dasappanavar* says:
[June 23, 2016 at 10:26 pm](#)

I wish Pi had weekly and monthly charts. It'll such a nice improvement.

[Reply](#)

o  *Karthik Rangappa* says:
[June 24, 2016 at 2:30 pm](#)

Will convey the same to Pi team! Thanks.

[Reply](#)

o  *Karthik Rangappa* says:
[June 24, 2016 at 2:32 pm](#)

Have you tried Kite? Kite has weekly/monthly charts.


[Reply](#)

- 
Rakesh Hansalia says:
[October 4, 2018 at 2:14 pm](#)

I want to understand the difference between Pi and Kite ? Which one is better ? Who generally use Pi and Kite ?

PS: I just started process to open account in Zerodha

[Reply](#)


- 
Rakesh Hansalia says:
[October 4, 2018 at 2:20 pm](#)

Kartik, Please ignore my last comment since I got the answer of my query when I just scroll down to read the answers from others

[Reply](#)

- 
Karthik Rangappa says:
[October 4, 2018 at 2:56 pm](#)

Sure, good luck, Rakesh.

298.  **Anand** says:
[May 8, 2016 at 10:41 am](#)


Hi Karthik, I am going through Varsity and let me tell you that this is one of the \\'best\' \\'best\' resource to start if you are a newbie to trading.

The quality of material is excellent. What leave me baffled is the honesty with which you and Zd team promptly answer the questions posed by readers.

I particularly like the way in which you teach. You are a excellent teacher. The way in which you pick up simple examples to drilldown the concepts is simply awesome. Heartily thank you for the wonderful work that you and Zd team are doing 😊 😊


Best Regards,
 Anand

[Reply](#)

- 
Karthik Rangappa says:
[May 9, 2016 at 3:28 pm](#)

Thanks Anand, encouragement such as this motivates us to do better and better:). Please stay tuned, we have some really exciting content coming up!

[Reply](#)

299.  **Naveen** says:
[April 11, 2016 at 11:12 am](#)


Do we OHLC only for a day or can we have it for 15-20 minutes or any other shorter time frame also?

[Reply](#)

- o  *Karthik Rangappa* says:
[April 12, 2016 at 5:39 am](#)

OHLC for a day is the opening price of the day, highest traded price of the day, lowest traded price of the day, and the closing price of the day. Similarly, for a 5/10/15/20 minute chart the OHLC will be compressed for the time frame. So yes, you can have it for 15-20 minutes.

[Reply](#)

300.  *Ravi* says:
[January 24, 2016 at 2:46 am](#)


Hi Karthik, I have account with Zerodha, only problem is PI is not supported in Mac OS.... I don't have windows in mac 😞 . is any other free software /URLs to analyze in Mac

[Reply](#)

- o  *Karthik Rangappa* says:
[January 24, 2016 at 4:33 am](#)

Why not use <https://kite.zerodha.com/> ?

[Reply](#)

301.  *HARSH* says:
[January 6, 2016 at 10:54 am](#)

I dont have zerodha account yet. Can I use PI software???


[Reply](#)

- o  *Karthik Rangappa* says:
[January 7, 2016 at 8:07 am](#)

Nope, Pi is only for Zerodha clients. Why dont you open an account with us, would be a pleasure to have you as a client 😊

<https://zerodha.com/open-account>

[Reply](#)

302.  *sarath* says:
[January 4, 2016 at 4:29 pm](#)


what is renko chart? which type of traders commonly it use?

[Reply](#)

- o  *Karthik Rangappa* says:
[January 5, 2016 at 4:01 am](#)

Renko is an other charting technique like – bar chart, line chart, or candlestick. It comes with its own set of patterns and trade identification techniques.


[Reply](#)

-  [Dileep](#) says:
[October 5, 2016 at 7:02 pm](#)

hi


when I select renko as chart type for nifty futures, i do not get all data. just few days and it does not show today's data. I have set range to 22. please advise. thanks.

[Reply](#)

-  [Karthik Rangappa](#) says:
[October 6, 2016 at 11:22 pm](#)


Request you to email our support here – support@zerodha.com , thanks.

[Reply](#)

-  [Saurabh](#) says:
[October 9, 2018 at 2:43 am](#)


What is the size of Renko decider?? Is that ATR 14??

[Reply](#)

-  [Faisal Mohammed](#) says:
[October 9, 2018 at 2:17 pm](#)

Default brick size is calculated using Caveman algorithm. This algorithm uses 300 aggregated bars of data on the chart based on the timeframe selected and comes up with a reasonable default value. The default range can be adjusted based on your requirements from the Display option.

[Reply](#)

303.  [RCGupta](#) says:
[November 28, 2015 at 3:25 pm](#)


I found this chapter very informative and useful ; but i still feel that line chart is quite useful for a beginner like me.

[Reply](#)

-  [Karthik Rangappa](#) says:
[November 29, 2015 at 5:48 am](#)

Oh certainly...I love the line charts myself 😊

[Reply](#)

304.  [sagar](#) says:
[September 5, 2015 at 5:35 pm](#)


Do you know of any websites similar to nsecharts dot com which offer FREE Live technical charts with Realtime ticker?

[Reply](#)

- o  *Karthik Rangappa* says:
[September 6, 2015 at 8:03 am](#)


Yeah, check out <https://zerodha.com/pi/>

[Reply](#)

305.  *ashokbhide* says:
[March 14, 2015 at 11:14 am](#)


in earlier version I was able to expand/reduce MACD/RSI rows as required for better view. but now i cant do it. why? can it be restored?

[Reply](#)

- o  *Karthik Rangappa* says:
[March 14, 2015 at 1:03 pm](#)


Which software are you talking about? If its Pi, I would suggest you send out an email to support@zerodha.com

[Reply](#)

306.  *Ranjeet46* says:
[March 11, 2015 at 5:42 pm](#)


The problem with demo candels given above is that both candles are depicted in red. Signalling a bearish candle where the open was lower than the close. That is being quite problematic

[Reply](#)

- o  *Karthik Rangappa* says:
[March 12, 2015 at 5:49 am](#)

Sorry, I was unable to spot these. Can you kindly elaborate?

[Reply](#)

307.  *floyd lewis* says:
[March 3, 2015 at 3:12 pm](#)

Is it possible for me to use the datafeeds from Pi to my RStudio setup. Currently I use RStudio to connect to Yahoo and google finance for analysis.

[Reply](#)

- o  *Karthik Rangappa* says:
[March 4, 2015 at 5:43 am](#)

We don't provide feeds from Pi to any other source as it is a regulatory mandate..it falls under the data redistribution act.

[Reply](#)

-  *floyd lewis* says:

[March 5, 2015 at 4:21 am](#)

Ok, In that case what is the protocol used by Pi to get the data from the server. What is the latency? Is this something I could use once I signup?

[Reply](#)



- *Karthik Rangappa* says:
[March 10, 2015 at 10:06 am](#)

Sorry for the delayed reply Floyd. However I believe this is proprietary information and cannot be disclosed.

[Reply](#)



- *Vj* says:
[October 3, 2015 at 11:12 am](#)

Hi FLOYD ,

Are you from Bangalore ? I have Rstudio installed and would like to learn the price analysis . Would you help ?

[Reply](#)



308. *hjm* says:
[February 16, 2015 at 11:58 am](#)

@ Karthik Rangappa,
Sir,

Can you please suggest any sites/software wherein , say a data about a particular stock over a period of say 10 days gets synced into an excel sheet as and when required, coz i have a problem updating the prices manually ..

Any solution for this ?

Any free softwares for indian markets?

Thanks,

Regards

hjm—a proud and thankful zerodhiite

[Reply](#)



- *Karthik Rangappa* says:
[February 16, 2015 at 12:24 pm](#)

Have you checkout Zerodha\'s Pi? I guess that will solve a lot of your problems :). Check out <http://www.zerodha.com/pi> .

[Reply](#)



- *Ranjeet46* says:
[March 10, 2015 at 7:31 pm](#)

How do i log in on pi as i am already a zerodha customer. But still i cannot use pi

[Reply](#)

- *Karthik Rangappa* says:
[March 11, 2015 at 5:32 am](#)

Suggest you shoot an email to support@zerodha.com for this.

[Reply](#)

309. *Jois* says:
[December 30, 2014 at 6:17 am](#)

Dear Mr Karthik,
Can we say marked candles as bearish engulfing?

[Reply](#)

- *Karthik Rangappa* says:
[December 30, 2014 at 5:12 pm](#)

Not actually since the prior trend is not really bullish. In fact it is more sideways.

[Reply](#)

310. *vishvendra89* says:
[December 27, 2014 at 7:50 am](#)

While in a bar chart the open and *low* prices are shown by a tick on the left or the right sides of the bar, however in a candlestick the open and close prices are displayed by a rectangular body.
Pls correct it – open and close prices, thanks

[Reply](#)

- *Karthik Rangappa* says:
[December 27, 2014 at 11:24 am](#)

Thanks for pointing this, made the correction.

[Reply](#)

311. *ichhant* says:
[December 23, 2014 at 6:37 am](#)

Please suggest good free software to plot these charts. 😊

[Reply](#)

- *Karthik Rangappa* says:
[December 23, 2014 at 6:40 am](#)

Checkout <http://www.chartink.com>.

[Reply](#)

- *Vikash Kumar* says:
[April 17, 2016 at 6:43 am](#)

Hi Karthik,


Before connecting with Zerodha i use to search lot of websites for a good charting website, and at last i was banked with chartink.com i believe it a wonderful charting website, especially for TA. well whel i opened \"zerodha kite\" for the first time just last wednesday 13th April, 2016, \"i was on cloud 9 after seeing the one minutes charting\", which is as needful as a basic slate for first time school goers kid.

[Reply](#)

-  *Karthik Rangappa* says:
[April 17, 2016 at 7:56 am](#)

Absolutely!!


[Reply](#)

-  *Prakash* says:
[November 23, 2017 at 6:15 pm](#)

Is Zerodha Kite free? Please could you point me to the link

-  *Karthik Rangappa* says:
[November 24, 2017 at 3:10 pm](#)

You need a Zerodha account to access Kite for free. <https://kite.zerodha.com/>.
You can open an instant account online – <https://zerodha.com/?ref=varsity>

-  *shishir kumar das* says:
[May 16, 2018 at 1:49 pm](#)


how would i plot chart....is there any video sir.

[Reply](#)

-  *Karthik Rangappa* says:
[May 17, 2018 at 10:09 am](#)

Shishir, do check out the videos here – <https://www.youtube.com/watch?v=1Jy23XfKwG8&list=PLkxTRam6E2V-okv6gwQlt6dLTsn0v6CD1>

[Reply](#)

312.  *reyazn19* says:
[November 21, 2014 at 6:44 pm](#)


Very good, informative, simple words and short. BUt one should already know how to draw graphs.

[Reply](#)

-  *Karthik Rangappa* says:
[November 22, 2014 at 8:25 am](#)

Thanks Reyazn. There are many softwares that let you plot these charts.

[Reply](#)

313.  *mahesh12* says:
[November 17, 2014 at 5:47 am](#)


information is very good .. but i suggest zerodha should have placed a video tutorial for TECHNICAL ANALYSIS for better understanding of the charts .

[Reply](#)

o  *Karthik Rangappa* says:
[November 17, 2014 at 6:11 am](#)

Sure Mahesh, we will take it one step at a time 😊


[Reply](#)

▪  *Vj* says:
[October 3, 2015 at 11:04 am](#)

Hi Karthik,


Do you have a Vidio tutorial of technical Anaysis to plot the charts in pi . I can just not understand how to plot it in pi.

[Reply](#)

▪  *Karthik Rangappa* says:
[October 5, 2015 at 7:57 am](#)


Lots of videos here – https://www.youtube.com/results?search_query=zerodha+pi

[Reply](#)

o  *Karthik Rangappa* says:
[November 17, 2014 at 6:42 am](#)

Sure, one step at a time 😊

[Reply](#)

▪  *pavan* says:
[August 20, 2015 at 1:04 pm](#)


Excellent work Maadi. Keep Going and a Big Huge Cheers ...

[Reply](#)

▪  *Karthik Rangappa* says:
[August 21, 2015 at 6:52 am](#)

Thank you 😊

[Reply](#)

314.  *Amitvikram* says:
[November 11, 2014 at 1:17 pm](#)

In the earlier module, it was mentioned that TA is not for long term investor, but here it is mentioned that for long term weekly/monthly charts to be used. Its a bit contradictory, please elaborate. Also what about short term(week to a month) or medium (weeks to few months) terms, what charts to be used?

[Reply](#)



o *Karthik Rangappa* says:

[November 11, 2014 at 2:30 pm](#)

If your investment horizon is over 1 – 2 years then it makes sense to look into the fundamentals of the company. However if you want to set up a trade for 3-4 months then it makes sense to look into TA. So yeah, from convenience point of view it makes sense to bifurcate long term into 2 baskets – The TA based long term (3-4 or maybe upto 6 months) and The FA based long term (1-2 years plus).

[Reply](#)



■ *Mohit* says:

[August 22, 2018 at 12:16 pm](#)

please elaborate. Also what about short term(week to a month) or medium (weeks to few months) terms, what charts to be used?

[Reply](#)



■ *Karthik Rangappa* says:

[August 22, 2018 at 12:43 pm](#)

For any non-intraday trading positions, I would always look for the EOD charts.

[Reply](#)



■ *DEEWAKAR PANDEY* says:

[January 4, 2019 at 5:41 pm](#)

SIR A HINDI ME NAHI MILEGA?

[Reply](#)



■ *Karthik Rangappa* says:

[January 5, 2019 at 12:43 pm](#)

Deewakar, unfortunately, we don't have this in Hindi for now.



315. *HAWWA* says:

[November 6, 2014 at 5:56 pm](#)

Dear sir,

When close > open = It is a Bullish candle. When close < open = It is a Bearish candle.

So, i think i got my answer now. For identifying whether the market is bullish or not, we had to calculate open minus close.

[Reply](#)



o *Aaditya Taparia* says:

[January 28, 2018 at 12:41 pm](#)

lol

[Reply](#)



- *Sunil Choudhury* says:
[April 7, 2018 at 6:29 pm](#)

Why \"lol\" isn't he right? Coz thats what i understood

[Reply](#)



- *Karthik Rangappa* says:
[April 8, 2018 at 8:55 am](#)

He is absolutely correct.

[Reply](#)

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