CHART CODE ACADEMY

Decode The Market Code

SUPPORT & RESISTANCE

THE FOUNDATION OF EVERY TRADE

How to draw genuinely useful support and resistance zones — not just random lines — why broken resistance turns into new support, and how professionals actually use these levels for entries and stop-losses.

A FREE STUDY RESOURCE BY CHART CODE

Chart Code Academy — Stock Market Training Institute

Deepak Kevadia — Founder & Mentor, BSE NISM Certified

Boisar · Palghar · Maharashtra, India

www.chartcode.in | +91-95121 00588 | chartcode.in@gmail.com

About This Guide

Nearly every other technical concept — trend lines, chart patterns, indicators, even where to place a stop-loss — is really just a more specific way of describing where price is likely to react. This guide starts from that foundation: why support and resistance actually works, why a zone beats a precise line, and a simple, repeatable process for drawing levels that hold up on a real chart.

It covers role reversal (why broken resistance often becomes new support), the different types of support and resistance, what makes a level strong versus weak, the two core ways to actually trade these levels, the most common mistakes, and a five-point checklist to validate any zone before you trust it.

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What Are Support and Resistance, Really?

Support is a price level where buying pressure has historically been strong enough to halt a decline; resistance is a price level where selling pressure has historically been strong enough to stop a rally. Nearly every other technical concept you'll learn — trend lines, chart patterns, indicators, even where to place a stop-loss — is really just a more specific way of describing where price is likely to react, which makes support and resistance the true foundation underneath all of it.

Strip away the jargon and it's a simple idea: markets have memory. A price level where buyers or sellers showed up forcefully once is a level they're statistically more likely to show up at again, because the traders who reacted there before are watching that same number.

Why Support & Resistance Actually Works

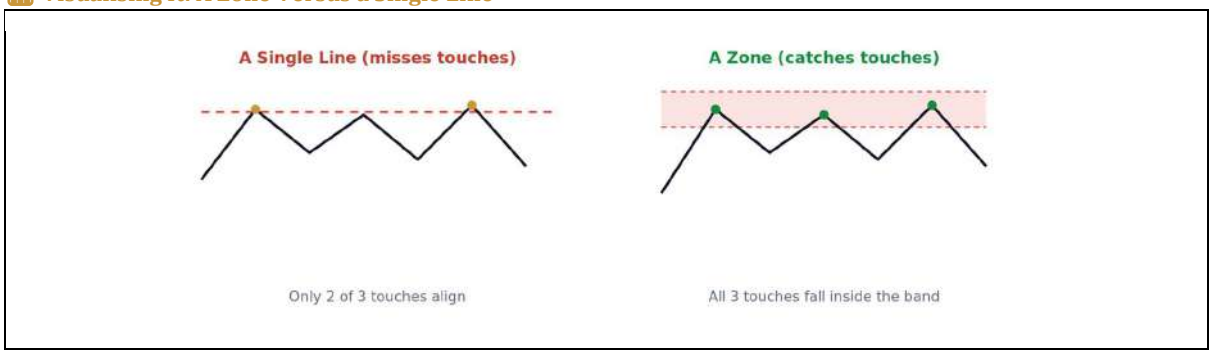
Support and resistance isn't a mystical force — it's the visible footprint of real human and institutional behaviour repeating itself. A few forces reliably create these levels:

- **Trapped traders remembering their entry.** Anyone who bought at a level and watched it fall is often eager to sell "at breakeven" if price returns there, creating natural selling pressure at that price.
- **Round numbers draw clustered orders.** Traders instinctively place orders at clean numbers — a stock at ₹500, an index at a round 1,000-point mark — simply because humans think in round numbers.
- **Institutional order clustering.** Large funds often build or exit positions gradually around specific technical levels, creating genuine, repeated supply or demand at those exact prices.
- **Self-fulfilling attention.** When enough traders are watching the same obvious level on a chart, their collective orders placed around it help make that level "work," regardless of the original reason it formed.

Zones, Not Lines — The Single Biggest Beginner Correction

Most beginners draw support and resistance as a single, razor-thin line at one exact price — and then get frustrated when price "almost" respects it but not quite, missing it by a few points. This is the single most common early mistake, and the fix is simple: **think in zones, not lines.**

Visualising It: A Zone Versus a Single Line



The same resistance area, drawn two different ways — notice how the zone actually catches every touch, while the single line misses most of them.

Real price action rarely reverses at the exact same number twice. A zone — a band spanning the cluster of nearby highs or lows — reflects how markets actually behave far better than an artificially precise line ever will.

How to Draw Genuinely Useful Support & Resistance

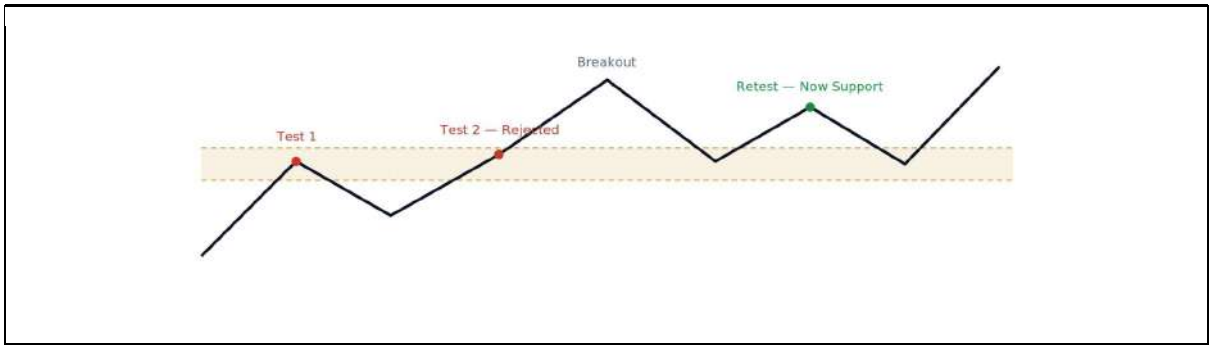
A simple, repeatable process beats hunting for the "perfect" line every time:

1. **Find the obvious swing highs and lows first.** Zoom out and mark where the chart clearly turned — the most visually obvious points, not the smallest wiggles.
2. **Look for at least two touches.** A single touch is just a price point; a level worth marking has been tested and respected more than once.
3. **Draw a zone, not a single line.** Cover the cluster of highs or lows with a band, rather than one exact price.
4. **Check the level on a higher timeframe.** A zone that also lines up with structure on a higher timeframe carries extra confidence.
5. **Re-validate after every major move.** Old levels can lose relevance after a strong trending move — periodically confirm your zones still reflect where reactions are actually happening.

> **A QUICK SANITY CHECK**
>
> If you have to squint and stretch a line to make it "sort of" touch three different points, it's probably not a real level. Genuinely strong support and resistance tends to be visually obvious even to someone glancing at the chart for the first time.

Role Reversal: When Support Becomes Resistance (and Back Again)

One of the most useful, reliable ideas in all of technical analysis: once a resistance level is convincingly broken, it frequently flips and becomes support on the next pullback — and the same happens in reverse when support breaks down.



Price breaks above a resistance zone, pulls back to retest it, and the old ceiling now acts as a floor.

The logic is straightforward: traders who sold at resistance and watched price break higher are often left regretting it, while new buyers treat the breakout as validation — so when price pulls back to that same zone, both groups tend to buy it, turning the old ceiling into a new floor.

Different Types of Support & Resistance

Horizontal zones from swing highs and lows are the most common type, but they're far from the only kind worth marking on a chart.

Type	What It Is	Best For
Horizontal S&R	Zones from prior swing highs/lows	Most timeframes; the default starting point
Trend Line S&R	A sloped line connecting rising lows or falling highs	Trending markets
Moving Average	A dynamic, moving level like the 50 or 200-day average	Trend-following strategies
Round Numbers	Psychological levels like ₹100, ₹500, or round index marks	Quick, rough reference zones
Previous Day High/Low	The prior session's extremes	Intraday trading

Confidence in a level increases when several of these types line up in roughly the same place — a horizontal zone that also coincides with a round number and a rising trend line is a far more significant area than any one of those alone.

What Makes a Level Strong vs Weak

Number of Touches
A level tested and respected two or more times carries more weight than one seen only once.

Volume at the Level
A reaction accompanied by a genuine surge in volume suggests real, broad participation defending that zone.

Recency
A level tested last week generally carries more relevance than one only tested a year ago and untouched since.

Higher Timeframe Confluence
A zone that also shows up clearly on a daily or weekly chart tends to matter more than one visible only on a 5-minute chart.

How to Actually Trade With Support & Resistance

Once you can identify a genuine zone, there are two fundamentally different ways to trade it — and picking the right one depends entirely on what price actually does when it arrives.

The Bounce Strategy

You enter in the direction of a reaction off the zone — buying near support expecting a bounce, or selling near resistance expecting a rejection. The stop-loss goes just beyond the far edge of the zone, so a genuine breakdown or breakout invalidates the trade quickly and cheaply.

The Breakout Strategy

You wait for price to close convincingly beyond the zone — not just wick through it — and enter in the direction of the break, ideally on rising volume. The stop-loss typically sits back inside the broken zone, since a genuine breakout usually shouldn't retreat back through it by much.

📌 Deciding between a bounce and a breakout in real time, with a stop-loss placed correctly, is exactly the kind of hands-on judgment we build in our structured courses at Chart Code, offline in Boisar or live online anywhere in India.

Common Support & Resistance Mistakes

01
Drawing overly precise lines
Marking one exact price instead of a realistic zone leads to constant frustration when price "just misses" it.

02
Marking every minor wiggle
A chart cluttered with a dozen faint levels is less useful than one with three or four genuinely obvious zones.

03
Ignoring the higher timeframe
A level that looks strong on a 5-minute chart can be meaningless noise sitting in the middle of a daily trend.

04
Treating a wick-through as a real break
A single candle briefly poking through a zone intraday is not the same as a confirmed close beyond it.

05
Forgetting role reversal
Continuing to treat a broken resistance level as resistance, instead of watching for it to flip into new support.

06
No stop-loss beyond the zone
Trading a bounce or breakout without a predefined invalidation point turns a manageable loss into an open-ended one.

Your Support & Resistance Validation Checklist

Before trusting any zone you've drawn, run through this five-point check:

✓ **Is It a Zone?**
Have you marked a realistic band, rather than one artificially precise line?

✓ **At Least Two Touches**
Has price genuinely tested and respected this area more than once?

✓ **Visually Obvious**
Would this level stand out to someone glancing at the chart for the first time, without you pointing it out?

✓ **Higher Timeframe Check**
Does this zone still make sense when you zoom out to a higher timeframe?

✓ **Defined Risk**
Do you know exactly where a stop-loss would go if this level fails?

Frequently Asked Questions

Q. What is the difference between support/resistance as a line versus a zone?
A line marks one exact price, while a zone marks a range around a cluster of highs or lows. Real price action rarely reverses at the identical number twice, so treating support and resistance as a zone — a band a little above and below the obvious level — reflects how price actually behaves far better than an overly precise single line.

Q. Why does a broken resistance level often become new support?
This is called role reversal or polarity flip. Once price convincingly breaks above a resistance level, the traders who sold there are often left regretting it, and new buyers see the breakout as validation — so on a pullback to that same level, both groups tend to buy, turning old resistance into new support.

Q. How many times does a level need to be tested to be considered valid?
There's no strict rule, but a level tested only once is just a price point, while a level tested two or more times and respected each time carries meaningfully more weight. More touches generally increase confidence, though a level tested too many times can also eventually break, since each test can use up some of the opposing side's remaining orders.

Q. Should I use candle wicks or candle closes to mark support and resistance?

Both are used by different traders, and neither is strictly wrong — wicks capture the most extreme price reached, while closes capture where the market actually settled. A practical approach many traders use is to mark the zone using the wicks for the outer boundary and the closes for the inner boundary, rather than picking just one.

Q. Do support and resistance levels work the same way on all timeframes?

The same logic applies on every timeframe, but levels on higher timeframes like daily or weekly charts generally carry more significance and attract more attention from larger participants than levels on a 5-minute chart, which tend to be more short-lived and noisy.

Ready to Draw Levels That Actually Hold?

Recognising a zone is step one. Trading it with the right strategy and a stop-loss is step two. Chart Code Academy runs structured stock market courses — offline at our Boisar training centre, and live online for students anywhere in India — covering everything from these fundamentals to advanced Technical Analysis, F&O, and Smart Money Concepts.

Get in Touch

CHART CODE ACEFMEY

Website: www.chartcode.in

WhatsApp / Phone: +91-95121 00588

Email: chartcode.in@gmail.com

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