AXIS DIRECT

Nov 25, 2025

Daily Derivatives Report

Rajesh Palviya | Hemang Gor | Rahil Vora

AXIS DIRECT

Futures and Volatility

Nifty Futures

	Value	Change
Most recent settlement	25,996	0.3%▼
Open Interest (OI)	2,09,70,810	1.9%▲
Change in OI (abs)	2,09,70,810	3,88,035▲
Premium / Discount (Abs)	37	28▲
Inference	**Short Build Up**	

Bank Nifty Futures

	Value	Change
Most recent settlement	58,872	0.0%▲
Open interest (OI)	20,90,345	4.8%▼
Change in OI (abs)	20,90,345	1,04,480▼
Premium / Discount (Abs)	36	35▲
Inference	**Long Unwinding**	

Volatility Insights

	Value	Change
India VIX Index	13.23	**0.40▼**
Nifty ATM IV (%)	12.97	**3.5▲**
Bank Nifty ATM IV (%)	14.45	**4.3▲**
PCR (Nifty)	0.77	**0.26▼**
PCR (Bank Nifty)	0.93	**0.03▼**

The FII Long Ratio in Index Futures **Jump** to 14.5 %, **Up** from 11.5 % in the previous session.

Single Stock Futures Movers

Long Buildup (Open Interest Higher + Price Higher)

Symbol	Open Interest	Chg (%)	Price	Chg (%)
FORTIS	1,70,72,475	19.8%	921.6	0.1%
KEI	11,57,275	13.1%	4109.2	0.8%
RVNL	4,43,73,050	10.7%	318.85	1.8%
NYKAA	6,48,96,875	8.6%	270.84	0.8%
HCLTECH	1,77,20,500	7.4%	1611.4	0.1%

Short Buildup (Open Interest Higher + Price Lower)

Symbol	Open Interest	Chg (%)	Price	Chg (%)
POWERINDIA	1,98,750	15.1%	21375	-0.8%
PPLPHARMA	2,65,56,250	10.4%	186.67	-0.6%
OIL	1,29,61,200	8.8%	420.15	-1.3%
PAYTM	2,46,61,600	7.3%	1259.6	-0.5%
PRESTIGE	39,08,250	6.9%	1630.7	-3.3%

Short Covering (Open Interest Lower + Price Higher)

Symbol	Open Interest	Chg (%)	Price	Chg (%)
ZYDUSLIFE	1,09,08,900	-13.8%	925.9	0.2%
FEDERALBNK	5,51,75,000	-8.2%	248.43	1.5%
NBCC	7,92,74,000	-7.4%	116.53	3.6%
INDIANB	1,17,50,000	-5.5%	856.8	0.6%
BAJAJ-AUTO	35,62,500	-4.2%	9027.5	1.7%

Long Unwinding (Open Interest Lower + Price Lower)

Symbol	Open Interest	Chg (%)	Price	Chg (%)
IGL	87,53,250	-21.3%	198.63	-1.4%
360ONE	23,35,500	-10.7%	1127.7	-0.8%
TATAELXSI	25,37,500	-9.1%	5252.5	-1.3%
BPCL	3,12,20,800	-8.0%	359.85	-1.2%
OFSS	13,93,800	-7.7%	8151.5	-0.3%

For an explanation of all the contents in this report, kindly click on the hyperlink at the top right which will take you to the end-of-report appendix

Open Interest Trends by Participant

▲ and ▼ indicate positive and negative absolute changes, respectively

FII

	INDEX CALL	INDEX FUT	INDEX PUT	STK FUT
Change	-25,686 ▼	12,432 ▲	-88,173 ▼	101,458 ▲
Today	-38,568	8,150	6,732	84,641
Prev Day	-12,882	-4,282	94,905	-16,817
Net O/S	5,080	-161,697	289,017	1,349,164

DII

	INDEX CALL	INDEX FUT	INDEX PUT	STK FUT
Change	0	-11,998 ▼	24 ▲	-46,391 ▼
Today	0	-17,789	208	-40,538
Prev Day	0	-5,791	184	5,853
Net O/S	2,381	42,108	21,019	-4,462,135

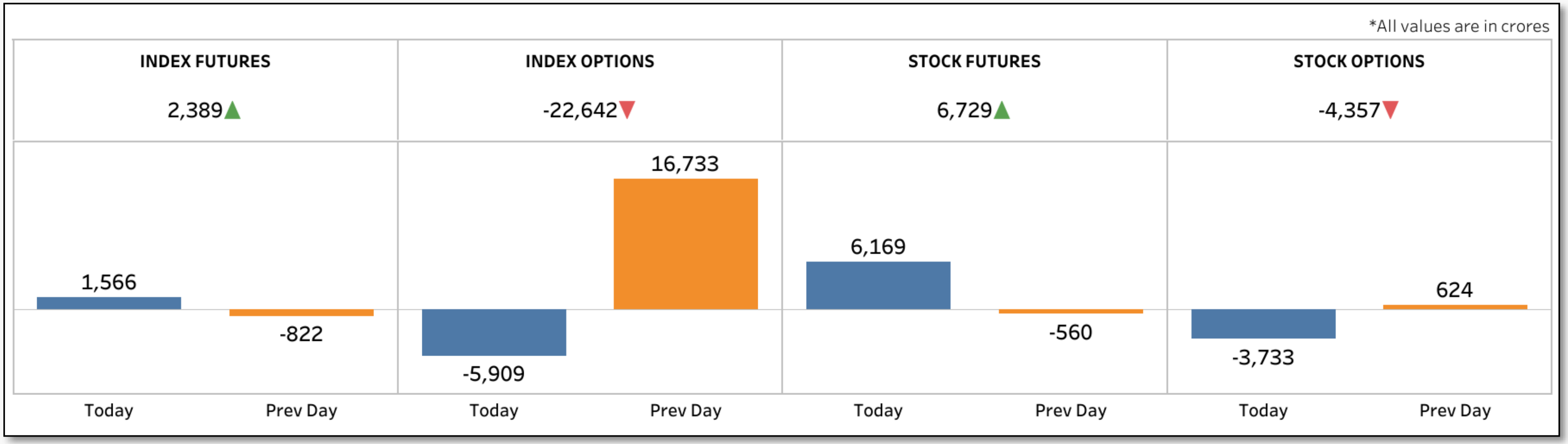
Clients

	INDEX CALL	INDEX FUT	INDEX PUT	STK FUT
Change	49,580 ▲	5,253 ▲	280,908 ▲	-45,520 ▼
Today	123,551	1,118	-66,071	-21,793
Prev Day	73,971	-4,135	-346,979	23,727
Net O/S	91,971	77,362	-636,421	2,707,884

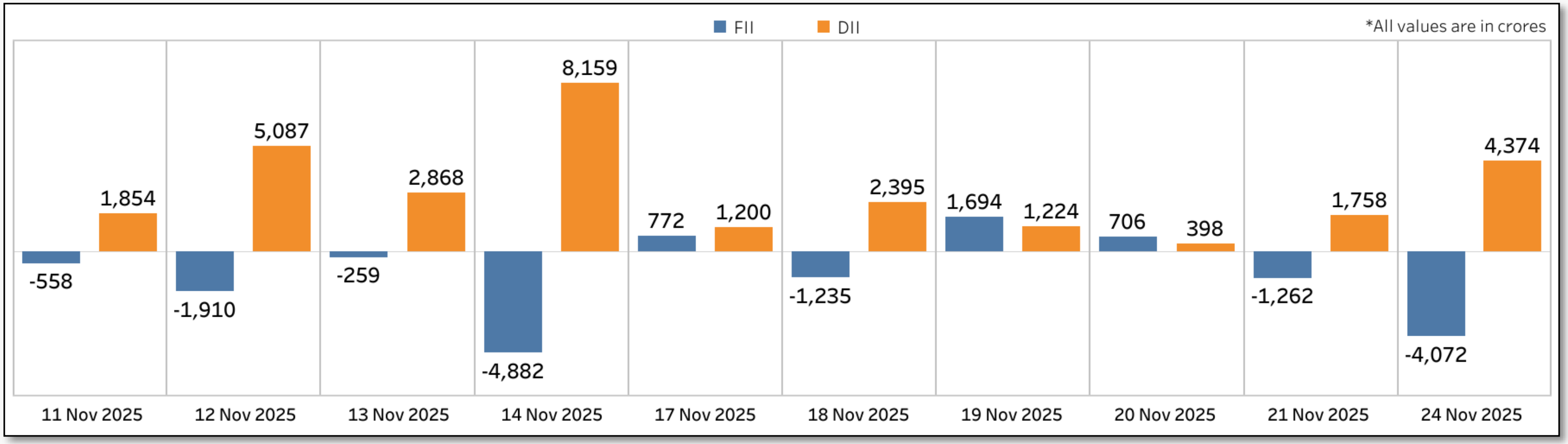
Pro

	INDEX CALL	INDEX FUT	INDEX PUT	STK FUT
Change	-23,894 ▼	-5,687 ▼	-192,759 ▼	-9,547 ▼
Today	-84,983	8,521	59,130	-22,310
Prev Day	-61,089	14,208	251,889	-12,763
Net O/S	-99,432	42,227	326,384	405,087

Daily Net Open Interest Change



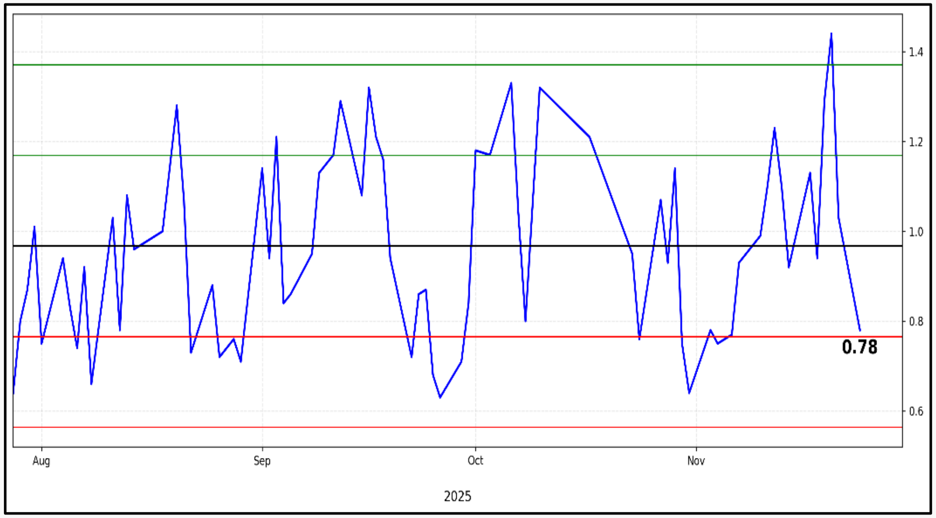
DII and FII Daily Cash Market Flows



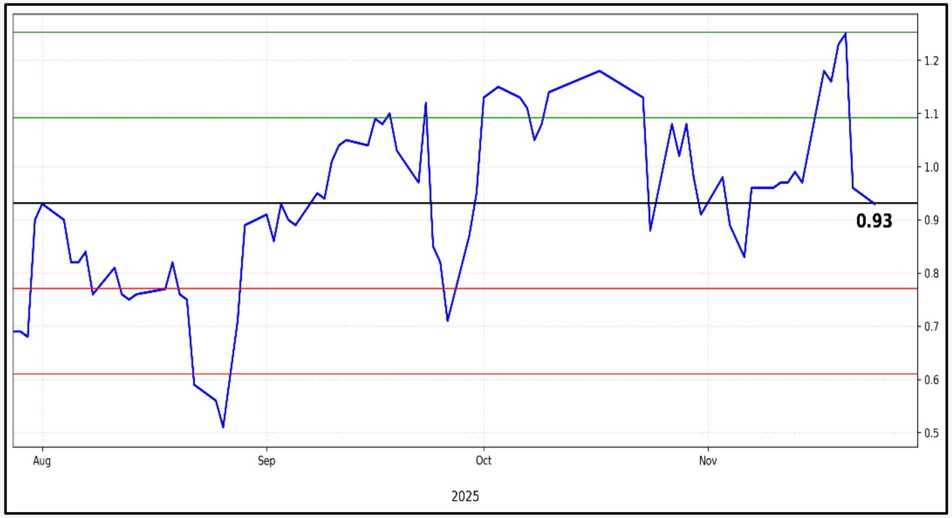
AXIS DIRECT

Put Call Ratio (PCR)

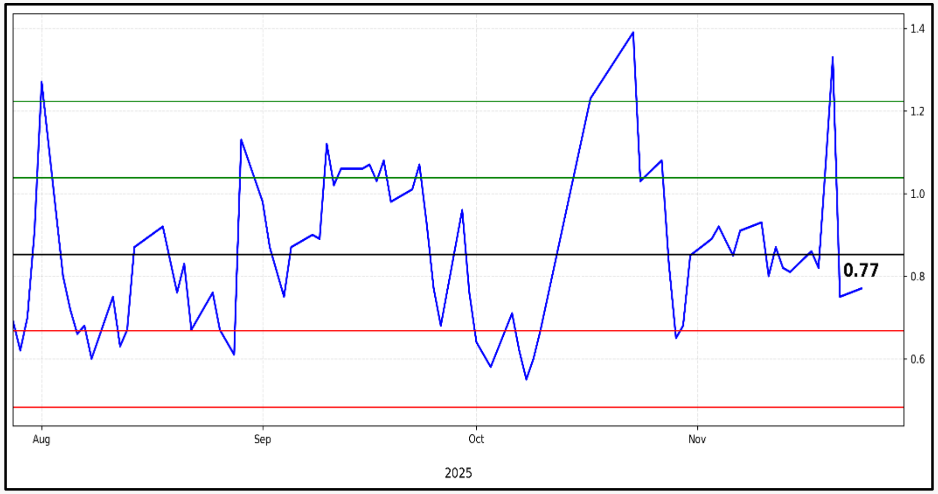
Nifty



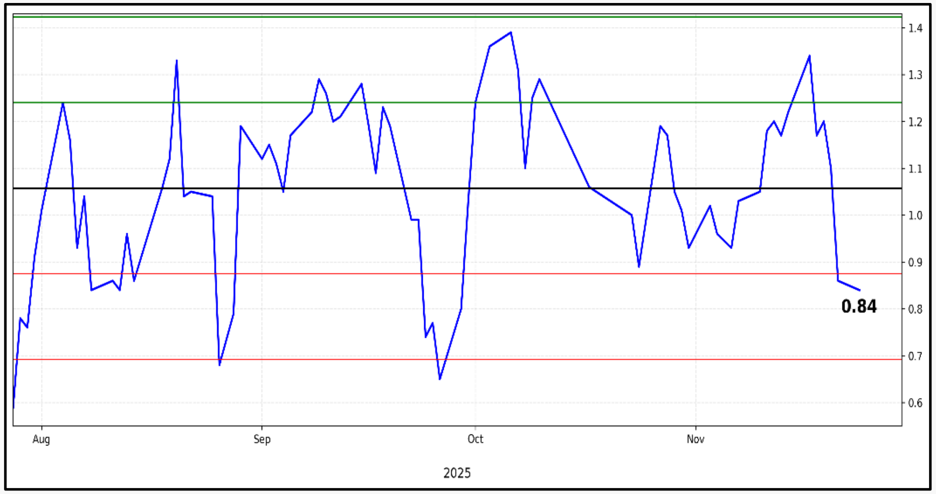
Bank Nifty



Fin Nifty



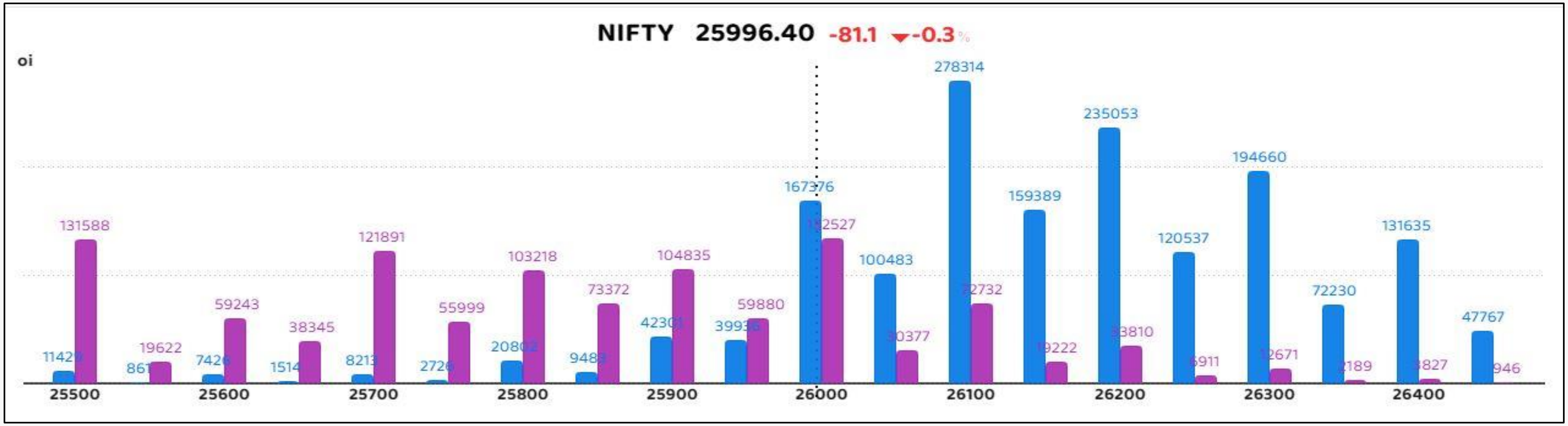
Midcap Select Nifty



On the day immediately post expiration, PCR values will differ due to the way open interest data for the expired series is treated for the PCR calculation

Positioning Stack by Strike (Nifty Current Week Expiry & BankNifty Monthly Expiry)

Call Put



For Nifty, the 26,100 Call and 26,000 Put had the highest call and put concentration (contracts). For the Bank Nifty, the 59,000 Call and the 58,000 Put saw the most amount of open interest.

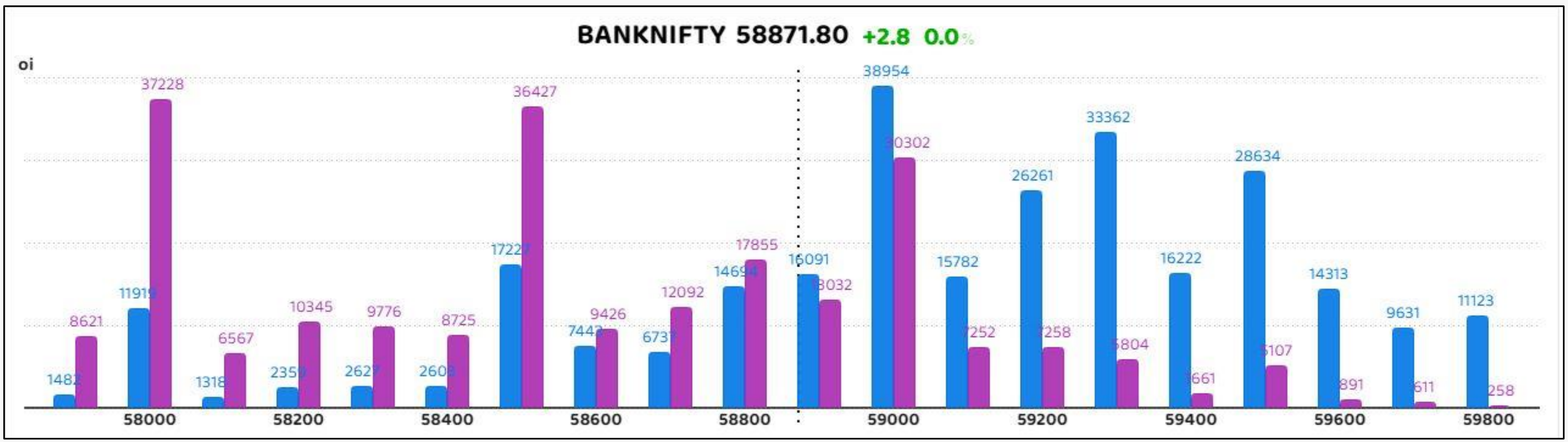
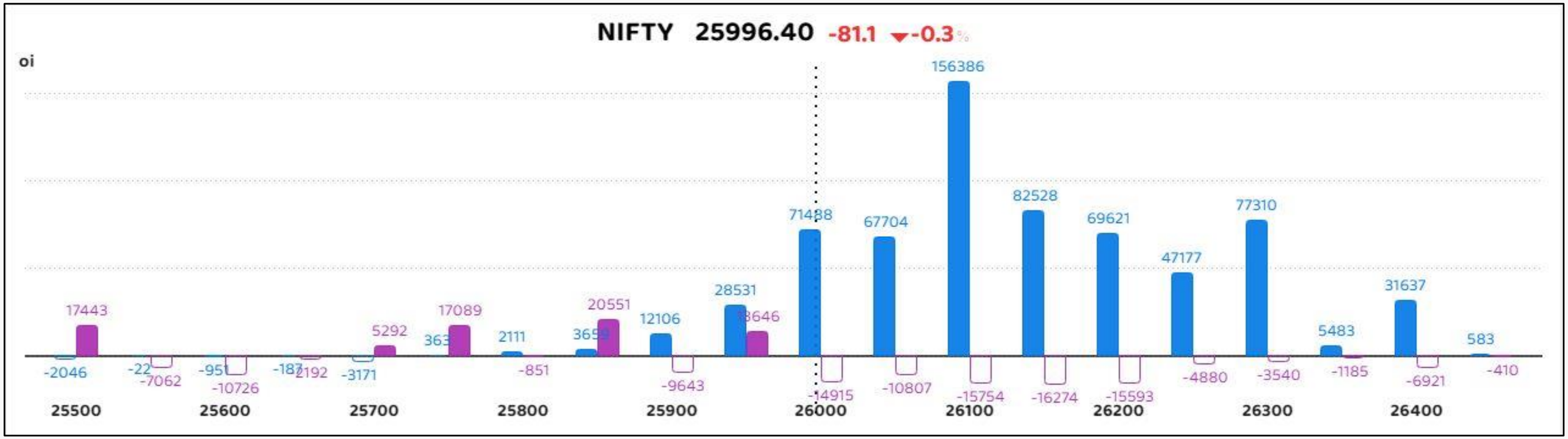


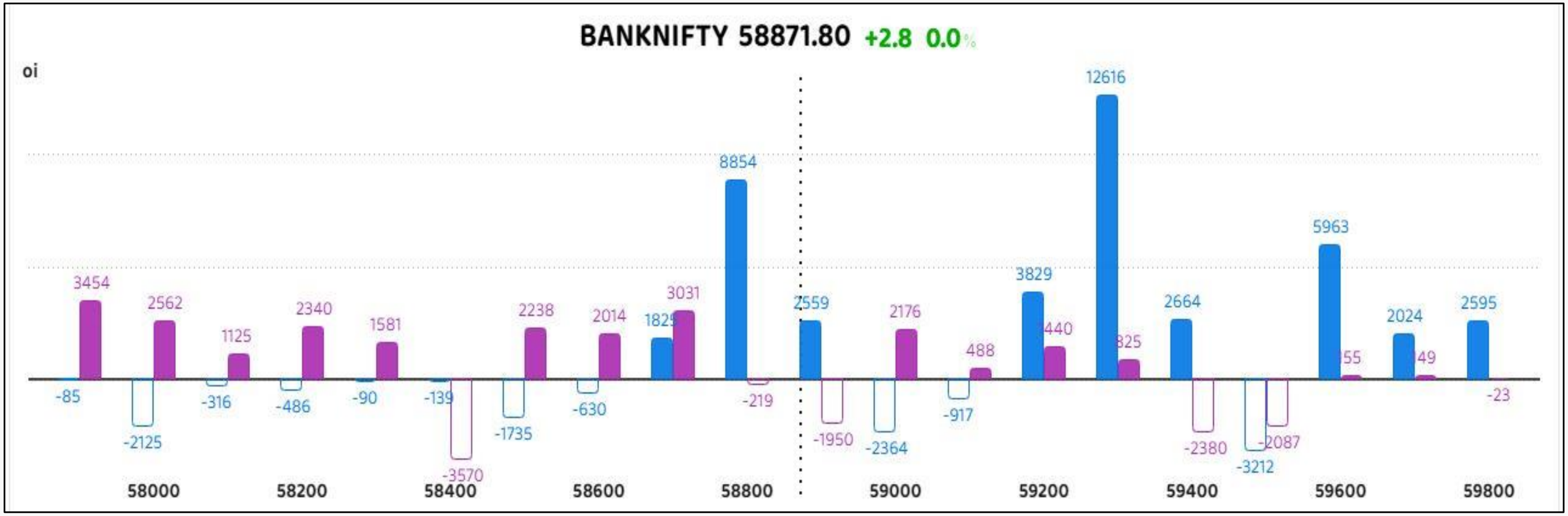
Chart quotes show front-month Nifty and Bank Nifty futures levels along with absolute and percentage change from prior trading session

Open Interest Change (Nifty Current Week Expiry & BankNifty Monthly Expiry)

Call Put



The largest open interest changes (contracts) were seen at the 26,100 Call and the 26,200 Put



For the Bank Nifty, the biggest open interest changes were seen at the 59,300 Call & the 58,400 Put

AXIS DIRECT

Implied Volatility Rank (IVR)

Stocks with High IVR:

Ticker	Last Px	Chg (%)	30d IV	30d IV High	30d IV Low	IVR (1m/1y)
BOSCH LTD	36,200.0	-0.8	20.3	36.2	2.1	53.2
HDFC BANK LTD	999.2	0.1	15.3	28.0	1.5	52.2
SHREE CEMENT	26,490.0	0.0	20.0	31.9	7.9	50.6
TATA CONSULTANCY	3,141.2	-0.3	18.7	36.2	1.3	50.0
ICICI LOMBARD GE	1,997.5	-0.3	20.6	38.2	3.2	49.6

Stocks with Low IVR:

Ticker	Last Px	Chg (%)	30d IV	30d IV High	30d IV Low	IVR (1m/1y)
HINDUSTAN UNILEV	2,424.2	-0.4	9.6	25.8	9.6	0.0
NTPC LTD	323.5	-1.0	15.9	116.6	15.9	0.0
KOTAK MAHINDRA	2,087.3	0.0	9.5	32.4	9.5	0.0
ULTRATECH CEMENT	11,584.0	-1.2	16.5	31.0	16.5	0.0
POWER GRID CORP	275.8	-0.7	16.6	34.5	16.6	0.0

IV is 30-day IV. Readings show how high or low the current IV is relative to its range over the past 12 months. If IVR is close to 100 (0), it means volatility is high (low)

AXIS DIRECT

Implied Volatility Percentile (IVP)

Stocks With High IVP:

Ticker	Last Px	Chg (%)	30d IV	30d IV High	30d IV Low	IVP (1m/1y)
INDRAPRASTHA GAS	199.0	-1.2	39.8	63.7	22.3	81.6
SBI CARDS & PAYM	869.7	-1.0	24.6	42.8	13.7	43.0
SAMVARDHANA MOTH	109.2	-0.5	32.3	59.6	27.8	34.7
INOX WIND LTD	135.8	-1.4	35.9	85.7	24.4	32.6
GMR AIRPORTS LTD	103.8	-0.3	27.0	45.0	21.5	32.1

Stocks With Low IVP:

Ticker	Last Px	Chg (%)	30d IV	30d IV High	30d IV Low	IVP (1m/1y)
HINDUSTAN UNILEV	2,424.2	-0.4	9.6	25.8	9.6	0.0
KOTAK MAHINDRA	2,087.3	0.0	9.5	32.4	9.5	0.0
ULTRATECH CEMENT	11,584.0	-1.2	16.5	31.0	16.5	0.0
NTPC LTD	323.5	-1.0	15.9	116.6	15.9	0.0
POWER GRID CORP	275.8	-0.7	16.6	34.5	16.6	0.0

IV is 30-day IV. IVP readings show on how many days – over the last 12 months - the IV has been below the current IV. Higher (lower) the number, the more expensive (cheap) the IV

Elevated Call and Put Activity

Stocks With High Call Volume To Put Volume

Ticker	Last Px	Chg (%)	Total Call Vol	Total Put Vol	Call to Put Vol
SUPREMEIND	3,432.5	-1.2	35,772	5,758	6.2
YESBANK	22.2	-1.0	10,455	2,487	4.2
BOSCHLTD	36,200.0	-0.8	13,658	3,398	4.0
NUVAMA	7,053.0	-2.7	10,277	2,651	3.9
TATACONSUM	1,186.0	0.2	12,160	3,304	3.7

Stocks With High Put Volume To Call Volume

Ticker	Last Px	Chg (%)	Total Call Vol	Total Put Vol	Put to Call Vol
ALKEM	5,625.0	-1.3	4,174	4,418	1.1
PNBHOUSING	872.1	-1.7	8,597	8,819	1.0
OBEROIRLTY	1,607.1	-2.9	4,868	4,652	1.0
NMDC	72.5	-1.3	9,348	8,799	0.9
ANGELONE	2,678.5	-2.5	18,583	17,263	0.9

Call and put volume refers to the number of contracts that have been traded in the most recently concluded session
Only looks at stocks with volumes more than 1000 contracts

Open Interest Relative to History

Call Open Interest Relative to Record High

Ticker	Last Px	Chg (%)	Total Call OI	Highest Call OI	Relative to Highest Call OI
JSWENERGY	481.0	-0.7	18,810	19,325	97.3
NMDC	72.5	-1.3	22,014	22,779	96.6
GMRAIRPORT	103.8	-0.3	22,561	23,473	96.1
TMPV	358.3	-1.1	1,00,529	1,07,899	93.2
MFSL	1,679.6	1.1	5,064	5,506	92.0

Put Open Interest Relative to Record High

Ticker	Last Px	Chg (%)	Total Put OI	Highest Put OI	Relative to Highest Put OI
CONCOR	515.0	0.7	8,719	8,846	98.6
PFC	362.6	-1.9	23,826	24,183	98.5
TMPV	358.3	-1.1	40,122	41,434	96.8
INOXWIND	135.8	-1.4	6,207	6,446	96.3
NBCC	116.5	3.4	3,898	4,111	94.8

Data captures stocks whose most recent call or put outstanding is at least within 80% of the record high call or put open interest

Volume Relative to History

Call Volume Relative to Record High

Ticker	Last Px	Chg (%)	Total Call Vol	Highest CV	Relative to Highest CV
NBCC	116.5	3.4	41,569	41,569	100.0
TECHM	1,494.7	2.3	1,32,015	1,62,455	81.3
HAL	4,445.1	-3.3	3,01,043	4,37,593	68.8
SUPREMEIND	3,432.5	-1.2	35,772	52,240	68.5
EICHERMOT	7,258.5	1.7	1,07,691	1,75,624	61.3

Put Volume Relative to Record High

Ticker	Last Px	Chg (%)	Total Put Vol	Highest PV	Relative to Highest PV
NBCC	116.5	3.4	15,569	15,569	100.0
HAL	4,445.1	-3.3	2,12,175	2,62,074	81.0
NHPC	77.0	-2.4	4,854	9,705	50.0
TECHM	1,494.7	2.3	39,394	80,696	48.8
POWERINDIA	21,542.0	-0.1	14,440	30,860	46.8

Data captures stocks whose most recent call or put activity is at least within 80% of the record high call or put volume
Only looks at stocks with volumes more than 1000 contracts

Open Interest Spurt

Call Open Interest to 20-day Average

Ticker	Last Px	Chg (%)	Total Call OI	Avg OI Call 20D	20D Call OI Ratio
GLENMARK	1,842.4	-0.1	20,804	10,991	1.9
TMPV	358.3	-1.1	1,00,529	53,868	1.9
SUPREMEIND	3,432.5	-1.2	11,017	6,143	1.8
INOXWIND	135.8	-1.4	14,051	8,014	1.8
POWERINDIA	21,542.0	-0.1	7,440	4,334	1.7

Put Open Interest to 20-day Average

Ticker	Last Px	Chg (%)	Total Put OI	Avg OI Put 20D	20D Put OI Ratio
GMRAIRPORT	103.8	-0.3	13,616	7,419	1.8
JSWENERGY	481.0	-0.7	9,105	5,181	1.8
EICHERMOT	7,258.5	1.7	14,991	8,537	1.8
HAL	4,445.1	-3.3	32,255	19,171	1.7
NHPC	77.0	-2.4	3,017	1,834	1.6

Volume Spurt

Call Volume Relative to 20-day Average

Ticker	Last Px	Chg (%)	Total Call Vol	Avg Vol Cal 20D	20D Call Vol Ratio
TECHM	1,494.7	2.3	1,32,015	16,394	8.1
NBCC	116.5	3.4	41,569	8,387	5.0
HAL	4,445.1	-3.3	3,01,043	68,627	4.4
KPITTECH	1,198.2	2.5	36,144	11,596	3.1
EICHERMOT	7,258.5	1.7	1,07,691	35,517	3.0

Put Volume Relative to 20-day Average

Ticker	Last Px	Chg (%)	Total Put Vol	Avg Vol Put 20D	20D Put Vol Ratio
HAL	4,445.1	-3.3	2,12,175	27,543	7.7
TECHM	1,494.7	2.3	39,394	6,565	6.0
NBCC	116.5	3.4	15,569	3,072	5.1
TATAELXSI	5,231.0	-1.7	13,771	3,561	3.9
NHPC	77.0	-2.4	4,854	1,459	3.3

Call and put volume refers to the number of contracts that have been traded in the most recently concluded session
Only looks at stocks with volumes more than 1000 contracts

Nifty 50 Constituents Open Interest (OI) Dashboard – Support / Resistance

Distance of Strike With Highest Open Interest From Current Market Price (%)

Stock Name	CE STRIKE	CE OI	%Away	CMP	PE Strike	PE OI	%Away	Stock Name	CE STRIKE	CE OI	%Away	CMP	PE Strike	PE OI	%Away
ADANIENT	2520.65	703284	5.1%	2399	2229.8	455466	-7.1%	JIOFIN	350	6342650	16.7%	300	310	3033850	3.4%
ADANIPORTS	1500	1460150	0.9%	1486	1400	610850	-5.8%	JSWSTEEL	1340	1025325	21.2%	1106	1070	342225	-3.3%
APOLLOHOSP	7500	131875	2.0%	7355	7000	52625	-4.8%	KOTAKBANK	2300	1011200	10.2%	2087	2100	454000	0.6%
ASIANPAINT	3000	988000	4.2%	2879	2800	735500	-2.8%	LT	4100	618275	2.2%	4013	4000	256200	-0.3%
AXISBANK	1300	1630625	2.4%	1269	1140	993125	-10.2%	M&M	3800	586400	3.0%	3691	3600	321800	-2.5%
BAJAJ-AUTO	9200	124800	2.1%	9008	8900	83250	-1.2%	MARUTI	16500	293000	3.4%	15958	15500	104900	-2.9%
BAJAJFINSV	2100	693250	3.4%	2031	2000	348250	-1.5%	MAXHEALTH	1200	683025	3.8%	1156	1120	274575	-3.1%
BAJFINANCE	1100	2136000	10.7%	994	900	684000	-9.5%	NESTLEIND	1300	1059500	2.4%	1269	1150	160000	-9.4%
BEL	430	7923000	6.5%	404	390	1236900	-3.4%	NTPC	335	6867000	3.6%	323	300	2806500	-7.2%
BHARTIARTL	2100	2564525	-2.4%	2152	2100	1573200	-2.4%	ONGC	254	15113250	3.4%	246	234	2508750	-4.8%
CIPLA	1600	1350375	6.4%	1504	1360	272625	-9.6%	POWERGRID	300	3406700	8.8%	276	270	1451600	-2.1%
COALINDIA	389.75	3526200	4.6%	373	439.75	1625400	18.0%	RELIANCE	1520	3847000	-1.0%	1536	1500	3402500	-2.3%
DRREDDY	1200	1528750	-2.1%	1226	1240	511250	1.1%	SBILIFE	2020	1354125	0.3%	2015	2000	511500	-0.7%
EICHERMOT	7300	173775	0.6%	7259	6200	204925	-14.6%	SBIN	980	3771000	1.0%	971	960	2604750	-1.1%
ETERNAL	330	7008250	9.6%	301	300	5541125	-0.3%	SHRIRAMFIN	840	712800	1.4%	828	800	871200	-3.4%
GRASIM	3000	604750	11.6%	2689	2600	97000	-3.3%	SUNPHARMA	1780	555800	0.0%	1781	1740	294700	-2.3%
HCLTECH	1720	758800	6.8%	1610	1400	571900	-13.1%	TATACONSUM	1200	594000	1.2%	1186	1050	231000	-11.5%
HDFCBANK	1020	2780800	2.1%	999	950	1150050	-4.9%	TMPV	380	7515200	6.1%	358	350	2142400	-2.3%
HDFCLIFE	820	1778700	7.7%	762	740	820600	-2.8%	TATASTEEL	185	82335000	11.9%	165	180	7727500	8.9%
HINDALCO	800	1506400	3.3%	775	800	1156400	3.3%	TCS	3200	848750	1.9%	3141	3100	551250	-1.3%
HINDUNILVR	2500	994200	3.1%	2424	2500	252900	3.1%	TECHM	1600	660000	7.0%	1495	1300	339000	-13.0%
ICICIBANK	1600	3110800	16.9%	1368	1400	1493100	2.3%	TITAN	4000	257950	3.2%	3874	3800	236600	-1.9%
INDIGO	6000	411750	3.4%	5806	5700	93450	-1.8%	TRENT	5000	554200	16.0%	4311	4000	188600	-7.2%
INFY	1600	2420800	3.4%	1548	1500	1205200	-3.1%	ULTRACEMCO	12000	106200	3.6%	11584	11000	61250	-5.0%
ITC	420	5640000	4.1%	404	390	2089600	-3.4%	WIPRO	250	6645000	1.1%	247	240	2253000	-2.9%

If distance to call strike from current market price < distance to put strike from current market price, then the %Away for the call strike will be colored green
If distance to put strike from current market price < distance to call strike from current market price, then the %Away for the put strike will be colored red
If distance to call strike from current market price = distance to put strike from current market price, then the %Away columns will be uncolored

AXIS DIRECT

Must Knows

- Open interest **goes up** when **both** the buyer and the seller are **opening a new position**
- Open interest remains the **same** when one party is **opening a new position** and the other is **liquidating an existing position**
- Open interest **falls** when both the buyer and the seller are **liquidating existing positions**
- **Long build up:** Prices increase with a rise in open interest and is considered **bullish**
- **Long liquidation:** Existing longs liquidate their positions and open interest also falls; **moderately bearish**
- **Short build up:** Prices drop with a rise in open interest, and this is considered **bearish**
- **Short covering:** Existing shorts cover their positions, and open interest drop; this is **moderately bullish**
- PCR goes up when 1) both put and call open interest go up, but puts rise faster, or 2) both put and call open interest go down, but calls fall faster or, 3) when puts go up and calls go down
- Generally, a **rising PCR is bearish**, but when it reaches an extremely **high** reading, it means people are likely to take contrarian bets, i.e., they are likely to turn **bullish**
- PCR goes down when 1) both put and call open interest go up, but calls rise faster, or 2) both put and call open interest go down, but puts fall faster or, 3) when puts go down and calls go up
- Typically, a **falling PCR is bullish**, but when it reaches an extremely **low** reading, it means people are likely to take contrarian bets, i.e., they are likely to turn **bearish**

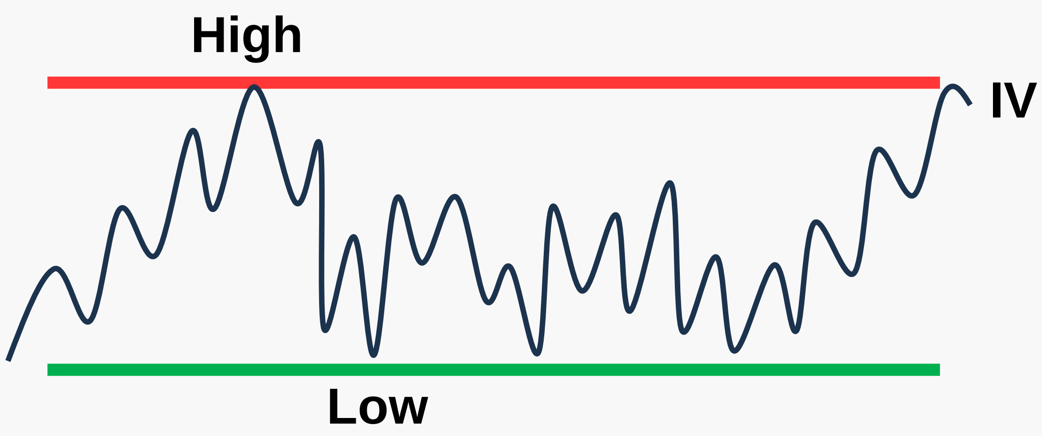
****ATM IV is the midpoint of the IV for the ATM call and put respectively***

Appendix

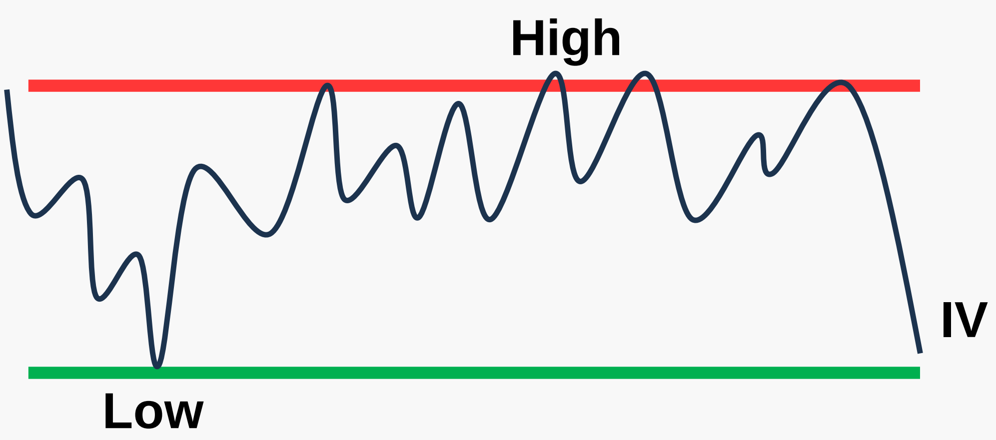
- **Volume:** Number of contracts traded for the day. If A bought 10 calls & B sold 10 calls, the volume for the day is 10 contracts
- **Open Interest:** The number of derivatives contracts that are open (have not been closed out). If A bought 10 calls, B bought another 10 calls and C sold 20 calls, then the open interest for the day is 20 contracts
- **Total open interest:** Total of all open positions for all available expirations. It is the sum of all outstanding long positions OR short positions. This is because the total number of long positions must equal the total number of short positions
- **Premium:** When the front-month futures are more expensive than the cash market price. For instance, if Nifty futures (first month contract) are at 25,500 when the cash Nifty is at 25,450, the premium is 50 points
- **Discount:** When the front-month futures are cheaper than the cash market price. For instance, if Tata Steel futures (first month contract) are at 160 when the stock is trading at 162 in the cash market, the discount is 2 points
- **At-the-Money (ATM):** When the strike price of an option is the same as the spot price, the option is called an ATM option
- **Implied Volatility (IV):** Measure of how much a stock is expected to move in the future (in either direction)
- **Put-Call Ratio (PCR):** Ratio of total number of outstanding puts to total number of calls outstanding. If this ratio is more (less) than one, it means more puts (calls) are open relative to calls (puts)
- **Derivatives market participants:** Foreign Institutional Investors (FIIs), Domestic Institutional Investors (DIIs), proprietary traders and Retail investors
- **Derivatives Instruments:** Index options, index futures, stock options, stock futures
- **Expirations covered:** Index options (weekly, monthly), stock options, stock futures and index futures (monthly)
- For pages 7 to 11, “Last px” refers to the closing price of the cash market ticker
- **Source(s):** www.nseindia.com, Bloomberg, MyFnO

Appendix

- **Strike concentration:** Visual representation of how many calls and puts are outstanding at each strike in the vicinity of the current underlying price. The strike with the highest call open interest is considered as resistance, while the put strike with the highest number of outstanding positions is considered as support
- **Shifting concentration:** Strikes with highest call and put concentration are dynamic in nature and keep changing as per movements in the markets
- **Implied Volatility Rank (IVR)**: Measure of how expensive or cheap the IV of an ATM option is, relative to its 12-month history. The reading oscillates between 0 and 100

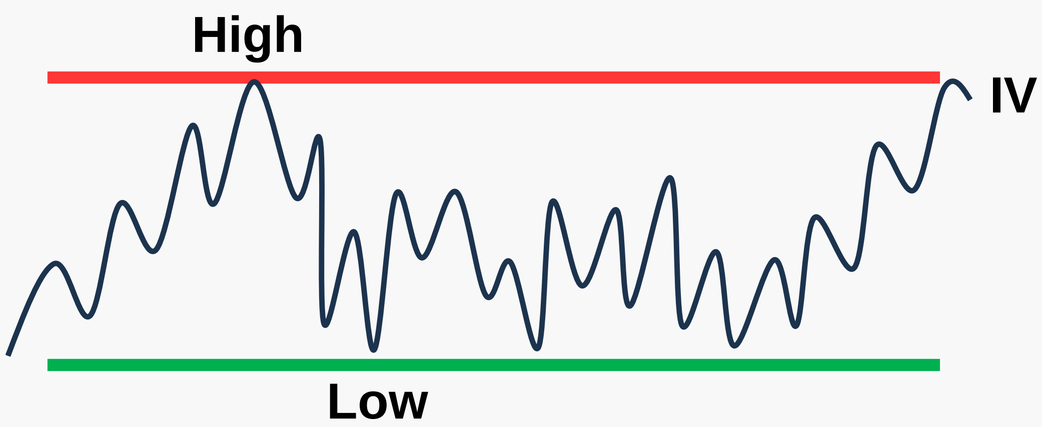


Assume the wavy line is IV over the last one year. Notice that today's IV is close to the highest high seen in the last one year. This means that IV for this option is expensive compared to where it's been in the last 12 months.

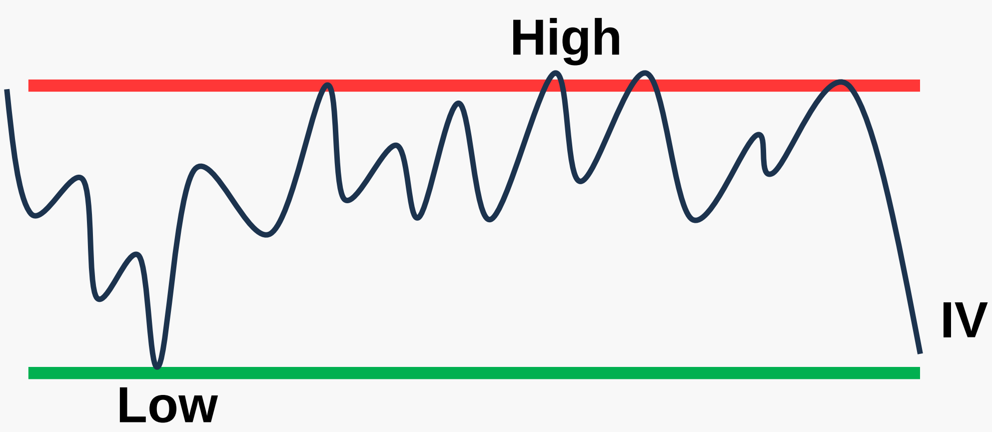


In this chart, notice that today's IV is close to the lowest low seen in the last 12 months. This means that IV for this option is cheap today compared to where it has traded over the last one year.

- **Implied Volatility Percentile (IVP)**: Measures the number of days IV has been below the current IV in the last 252 trading days. The reading moves between 0 and 100.



In the chart to the left, one can see that the bulk of the time the IV has been below its current level. In this case, the IVP will be close to 100. An IVP of 100 means that 100% of the time IV has been below its current reading in the last one year.



Notice that IV has mostly traded at the high end of its one-year range, and there have been very few values below the current IV. In such a scenario, the IVP is going to be close to 0. An IVP of say, 5, means that IV has been below the current IV only 5% of the time in the last 252 trading sessions.

Disclaimer & Disclosures

Axis Direct is the brand under Axis Securities Limited, which is a 100% subsidiary of Axis Bank Limited. Axis Bank Ltd. is a listed public company and one of India's largest private sector banks, and has its various subsidiaries engaged in businesses of Asset management, NBFC, Merchant Banking, Trusteeship, Venture Capital, Stock Broking, the details in respect of which are available on www.axisbank.com.

Axis Securities Limited is registered as a

- Stock Broker, Depository Participant, Portfolio Manager, Investment Adviser and Research Analyst with the Securities and Exchange Board of India
- Corporate Agent with Insurance Regulatory and Development Authority of India
- Point of Presence with Pension Fund Regulatory and Development Authority
- Distributor for Mutual Funds with AMFI

Registration Details:

SEBI Single Reg. No.- NSE, BSE, MSEI, MCX & NCDEX – INZ000161633 | SEBI Depository Participant Reg. No. IN-DP-403-2019 | Portfolio Manager Reg. No.- INP000000654 | Investment Advisor Reg No. INA000000615 | SEBI-Research Analyst Reg. No. INH000000297 | IRDA Corporate Agent (Composite) Reg. No. CA0073| PFRDA – POP Reg. No. POP387122023 | Mutual Fund Distributor ARN- 64610.

Compliance Officer Details: Name – Mr Rajiv Kejriwal, Tel No. – 022-68555574, Email id – compliance.officer@axisdirect.in.;

Registered Office Address – Axis Securities Limited, Unit No.002, Building- A, Agastya Corporate Park, Piramal Realty, Kamani Junction, Kurla (W), Mumbai – 400070.

Administrative office address: Axis Securities Limited, Aurum Q Parć, Q2 Building, Unit No. 1001, 10th Floor, Level – 6, Plot No. 4/1 TTC, Thane – Belapur Road, Ghansoli, Navi Mumbai, Pin Code – 400710.

In case of any grievances, please call us at 022-40508080 or write to us at helpdesk@axisdirect.in.

We hereby declare that our activities have neither been suspended nor have we defaulted with any stock exchange authority with whom we are registered in the last five years. However, SEBI, Exchanges, Clearing Corporations and Depositories, etc. have conducted the routine inspection and based on their observations have issued advice/warning/show cause notices/deficiency letters/ or levied penalty or imposed charges for certain deviations observed in inspections or in the normal course of business, as a Stock Broker/Depository Participant/Portfolio Manager. We have not been debarred from doing business by any Stock Exchange/SEBI or any other authorities; nor has our certificate of registration been cancelled by SEBI at any point in time.

Investments in the securities market are subject to market risks. Read all the related documents carefully before investing.
By referring to any particular sector, Axis Securities does not provide any promise or assurance of a favourable view for a particular industry or sector or business group in any manner.

Registration granted by SEBI, membership of BASL (in case of IAs) and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. None of the research recommendations promise or guarantee any assured, minimum or risk-free return to the investors. Our research should not be considered as an advertisement or advice, professional or otherwise. This research report and its respective content by Axis Securities made available on this page or otherwise do not constitute an offer to sell or purchase or subscribe for any securities or solicitation of any investments or investment services for the residents of Canada and/or the USA or any jurisdiction where such an offer or solicitation would be illegal.

Subject company(ies) may have been clients during the twelve months preceding the date of distribution of the research report. Derivatives are a sophisticated investment device. The investor is requested to take into consideration all the risk factors before actually trading in derivative contracts.

Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information, opinions and estimates contained in this report reflect a judgment of its original date of publication by ASL and are subject to change without notice. The price, value of and income from any of the securities or financial instruments mentioned in this report can fall as well as rise. The value of securities and financial instruments is subject to exchange rate fluctuation that may have a positive or adverse effect on the price or income of such securities or financial instruments.

The information and opinions in this report have been prepared by Axis Securities and are subject to change without notice. The report and information contained herein are strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of Axis Securities. The report must not be used as a singular basis for any investment decision. The views herein are of a general nature and do not consider the risk appetite, investment objective or the particular circumstances of an individual investor. The investor is requested to take into consideration all the risk factors, including their financial condition, suitability to risk return profile and the like and take professional advice before investing.

While we would endeavour to update the information herein on a reasonable basis, Axis Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent Axis Securities from doing so. Non-rated securities indicate that the rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or Axis Securities policies, in circumstances where Axis Securities might be acting in an advisory capacity to this company, or in certain other circumstances.

Disclaimer & Disclosures

This report is based on information obtained in good faith from public sources and sources believed to be reliable, but no independent verification has been made, nor is its accuracy or completeness guaranteed. This report and information herein are solely for informational purposes and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. Axis Securities will not treat recipients as customers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and/or tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and the needs of the specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. Axis Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see the Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice. Axis Securities or its associates might have managed or co-managed a public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months. Axis Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. Axis Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking, or brokerage services from the companies mentioned in the report in the past twelve months. Axis Securities encourages independence in research report preparation and strives to minimise conflict in the preparation of research reports. Axis Securities or its associates, or its analysts, did not receive any compensation or other benefits from the companies mentioned in the report or a third party in connection with the preparation of the research report. Accordingly, neither Axis Securities nor Research Analysts and/or their relatives have any material conflict of interest at the time of publication of this report. Please note that Axis Securities has a proprietary trading desk. This desk maintains an arm’s length distance from the Research team, and all its activities are segregated from Research activities. The proprietary desk operates independently, potentially leading to investment decisions that may deviate from research views.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

Research Analyst may have served as an officer, director or employee of the subject company(ies). Axis Securities or Research Analysts, or their relatives, do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report. Since associates of Axis Securities and Axis Securities as an entity are engaged in various financial service businesses, they might have financial interests or actual/beneficial ownership of one per cent or more or other material conflicts of interest in various companies, including the subject company/companies mentioned in this report. Axis Securities may have issued other reports that are inconsistent with and reach different conclusions from the information presented in this report. Certain transactions-including those involving futures, options and other derivatives as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. Reports based on technical analysis centre on studying charts of a stock's price movement and trading volume, as opposed to focusing on a company's fundamentals and as such, may not match with a report on a company's fundamentals.

We and our affiliates/associates, officers, directors, and employees, Research Analyst(including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the securities thereof, of company (ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company/company (ies) discussed herein or act as advisor or lender/borrower to such company (ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of Research Report or at the time of public appearance. Axis Securities may have proprietary long/short positions in the above-mentioned scrip(s) and therefore may be considered as interested. This should not be construed as an invitation or solicitation to do business with Axis Securities. Axis Securities is also a Portfolio Manager. Portfolio Management Team (PMS) takes its investment decisions independently of the PCG research, and accordingly, PMS may have positions contrary to the PCG research recommendation.

This research report is issued in India by Axis Securities Limited in accordance with the Securities and Exchange Board of India (Research Analysts) Regulations, 2014. It is intended solely for persons residing in India. The report is not directed at or intended for distribution to, or use by, any person or entity resident in the United States of America, Canada, or in any jurisdiction where such distribution, publication, availability, or use would be contrary to applicable securities laws, including the U.S. Securities Exchange Act of 1934, regulations of the U.S. Securities and Exchange Commission (SEC), and regulations of the Canadian Securities Administrators (CSA).

Sr. No	Name	Designation	E-mail
1	Rajesh Palviya	SVP Research (Head Technical & Derivatives)	rajesh.palviya@axissecurities.in
2	Hemang Gor	Derivative Analyst	hemang.gor@axissecurities.in
3	Rahil Vora	Derivative Analyst	rahil.vora@axissecurities.in