

# Bajaj Finserv Arbitrage Fund

(An open ended scheme investing in arbitrage opportunities)

May 2024



# Arbitrage in a nutshell!

The simultaneous purchase and sale of the same or similar asset in different markets in order to profit from tiny differences in the asset's listed price.



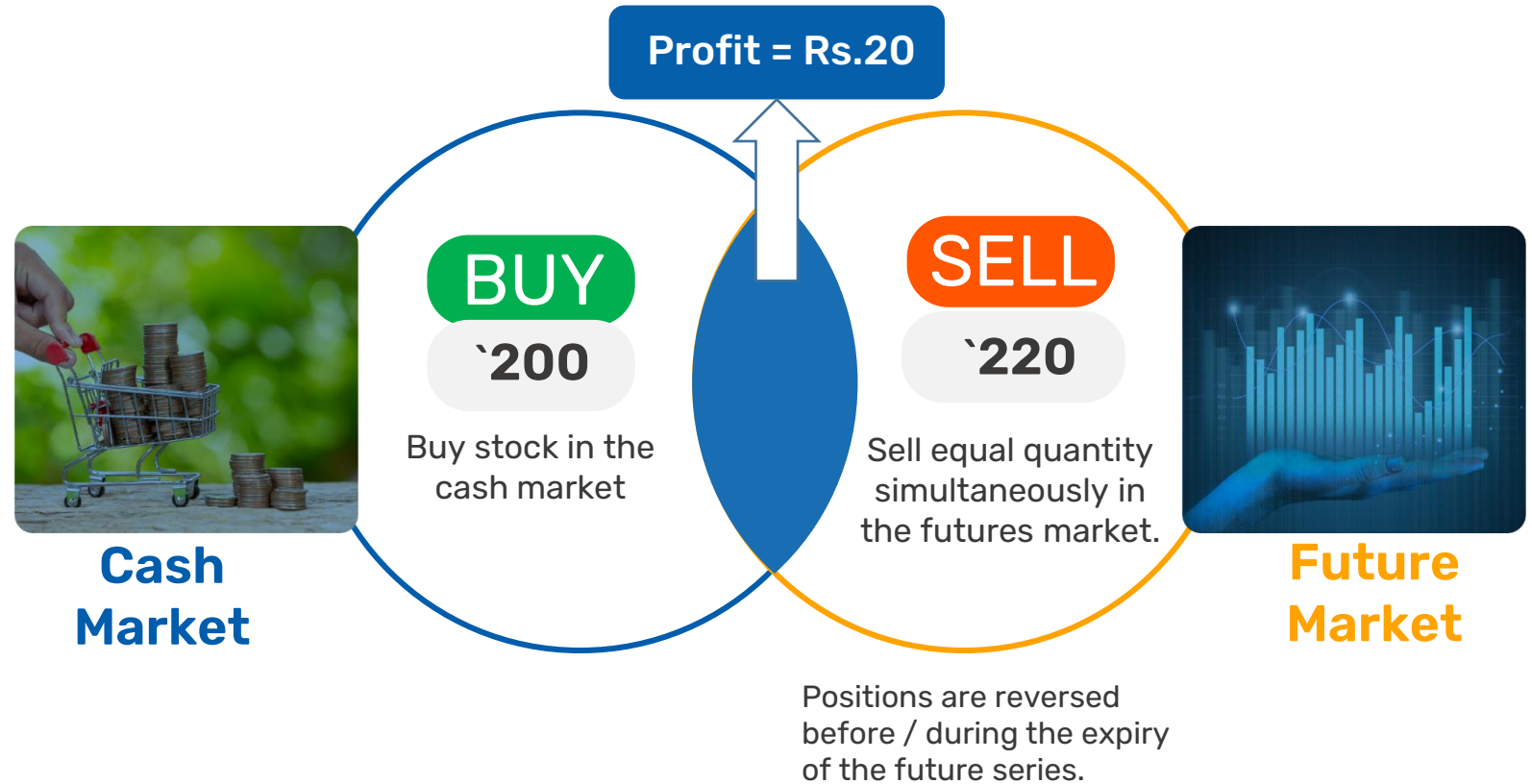
$$\text{Arbitrage} = \text{Rs } 12000 - \text{Rs } 10000 = \text{Rs } 2000$$

# Let's dive deep into Arbitrage Fund

A type of mutual fund that leverages on the price difference between cash and futures market to generate returns for one particular asset/asset class.

## Arbitrage Opportunity

Price difference prevailing in two different markets for the same security/commodity.



# DNA of Arbitrage Fund



A transaction wherein **buying and selling occurs simultaneously.**



A **security and derivative** is bought and sold

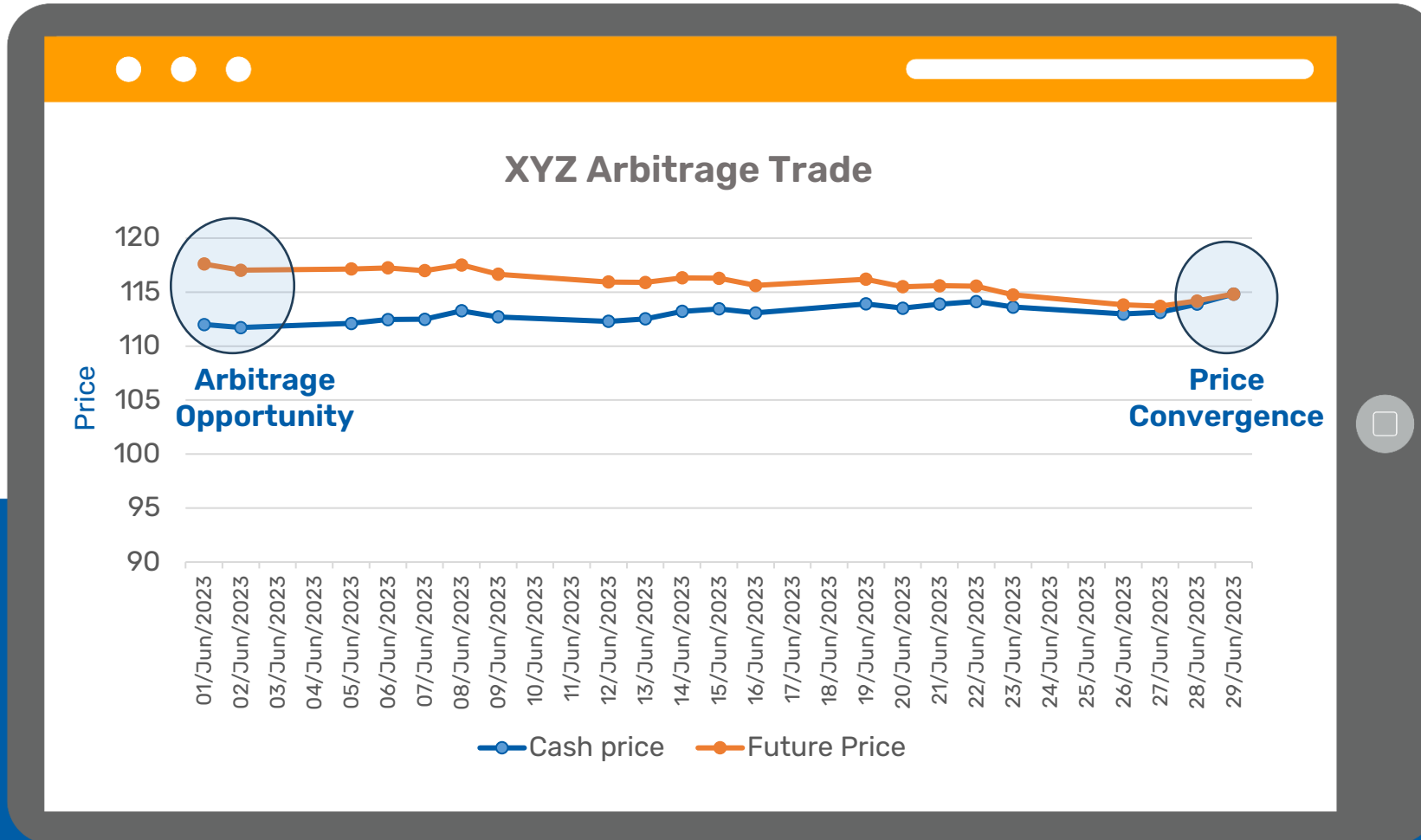


The activity happens in **two different markets** (Cash & Futures)



**Relatively Low Risk** since the cash market price converges with the futures market price at the month end.

# Example : Capturing the spread between Cash and Future prices



# Reasons for spreads between Cash and Futures markets



**Cost of Acquisition:** The cost of acquisition i.e. full consideration for cash markets and margin funding for futures contract affects their price relationship.



**Transaction Volume:** Higher acquisition costs may lead to reduced trading volume, affecting liquidity and prices in both markets.



**Participant Diversity:** Different types of traders in cash and futures markets lead to varied liquidity levels and spread dynamics.



**Settlement Timing:** Cash markets settle immediately, while futures have set expiration dates, causing spread variation as contracts approach maturity.



**Market Sentiments and Volatility:** Differences in market sentiment, economic data, and geopolitical events affects the spread width in both markets.



**Speculation:** Levels of Traders' speculative behaviour affects the spread differences between markets for arbitrage opportunities, impacting spread levels.

# Cash and Carry Arbitrage – ‘Wait For The Expiry’ Method

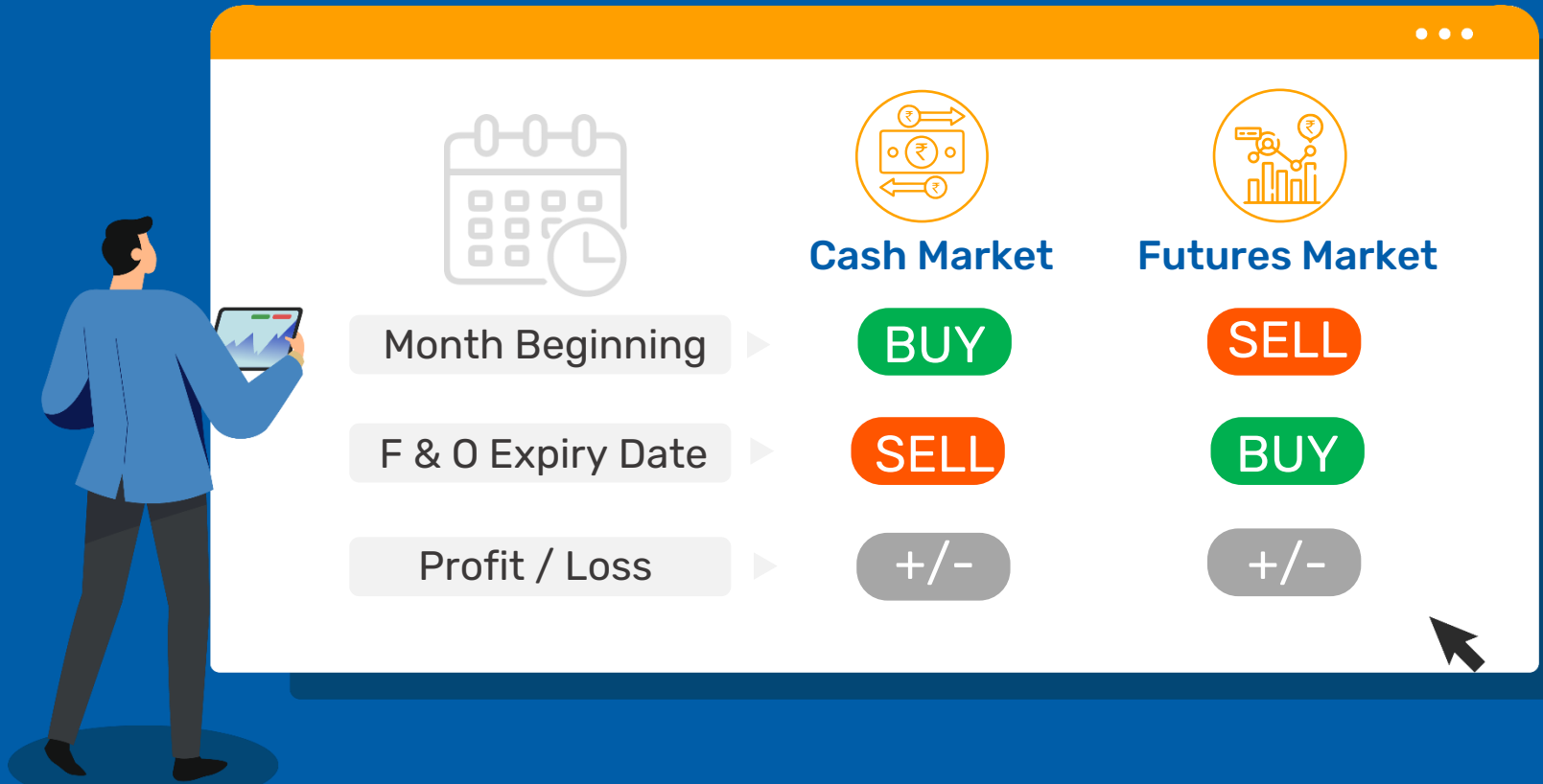


Fund Manager



F & O Expiry Date

# Cash and Carry Arbitrage – ‘Wait For The Expiry’ Method



24<sup>th</sup> March 2023

25<sup>th</sup> April 2023



Fund Manager

F & O Expiry Date



# Cash and Carry Arbitrage – Case study

Mr. A **buys**  
a stock at  
**Rs.200**



**Different Price Possibilities at the month end**

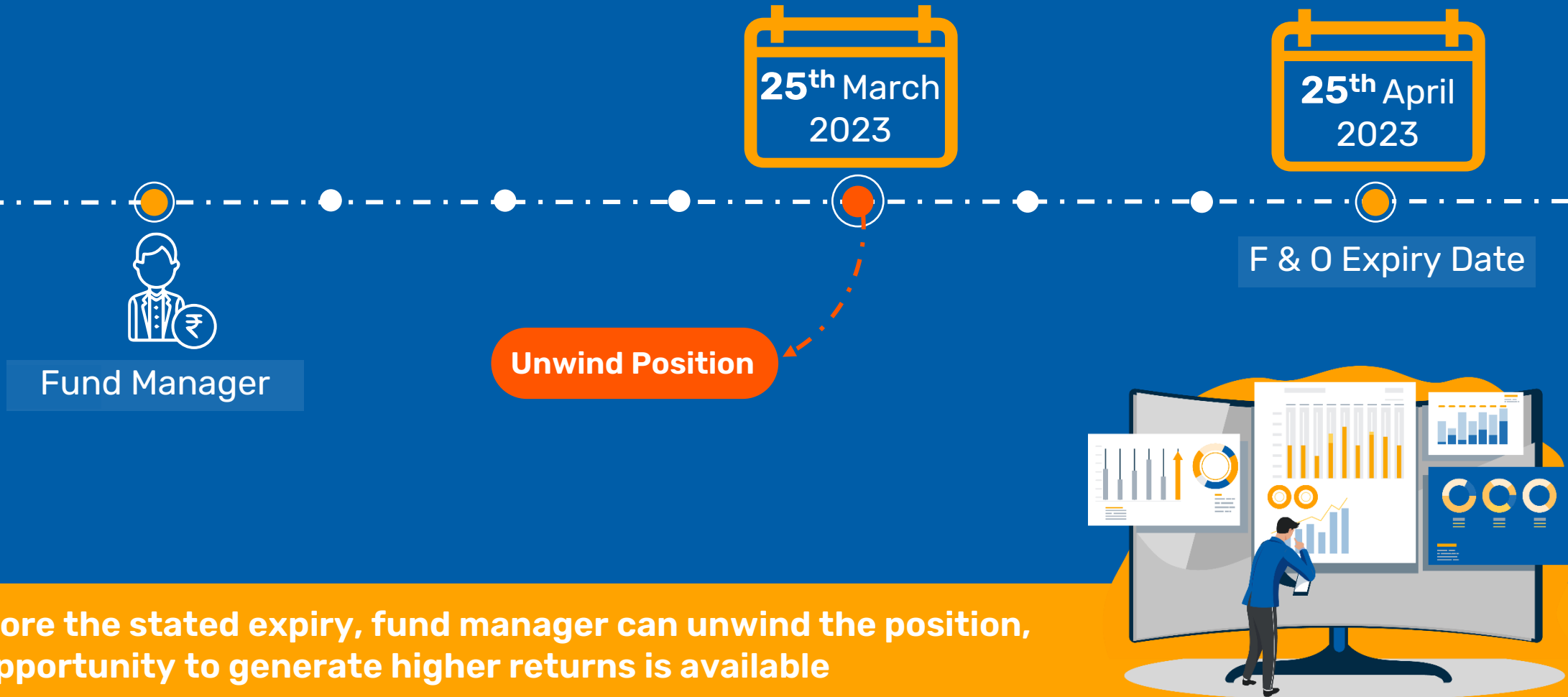
	Stock Price rises to <b>Rs.210</b>	Stock Price remain at <b>Rs.200</b>	Stock Price dip to <b>Rs.190</b>
<b>Cash Position = A</b>	+ 10 (210-200)	0 (200 -200)	- 10 (200 -190)
<b>Future Position = B</b>	- 5 (205-210)	+ 5 (205 - 200)	+ 15 (205 - 190)
<b>Net Profit</b> →	<b>+ 5</b>	<b>+ 5</b>	<b>+ 5</b>

**Fund Manager locks the profit irrespective of price movement of a stock in future.**

And **sells** in futures market simultaneously at **Rs. 205**



# Unwinding The Position



Before the stated expiry, fund manager can unwind the position, if opportunity to generate higher returns is available

# Rollover Futures Position



Fund Manager




25<sup>th</sup> April  
2023

F & O Expiry Date




24<sup>th</sup> May  
2023

Rollover Futures Position



On the date of expiry, fund manager can rollover the futures position to capture delta, if the price difference still exists for the next month's expiry.



# Arbitrage Investment Strategies



**Spot - Futures**



**Index Arbitrage**



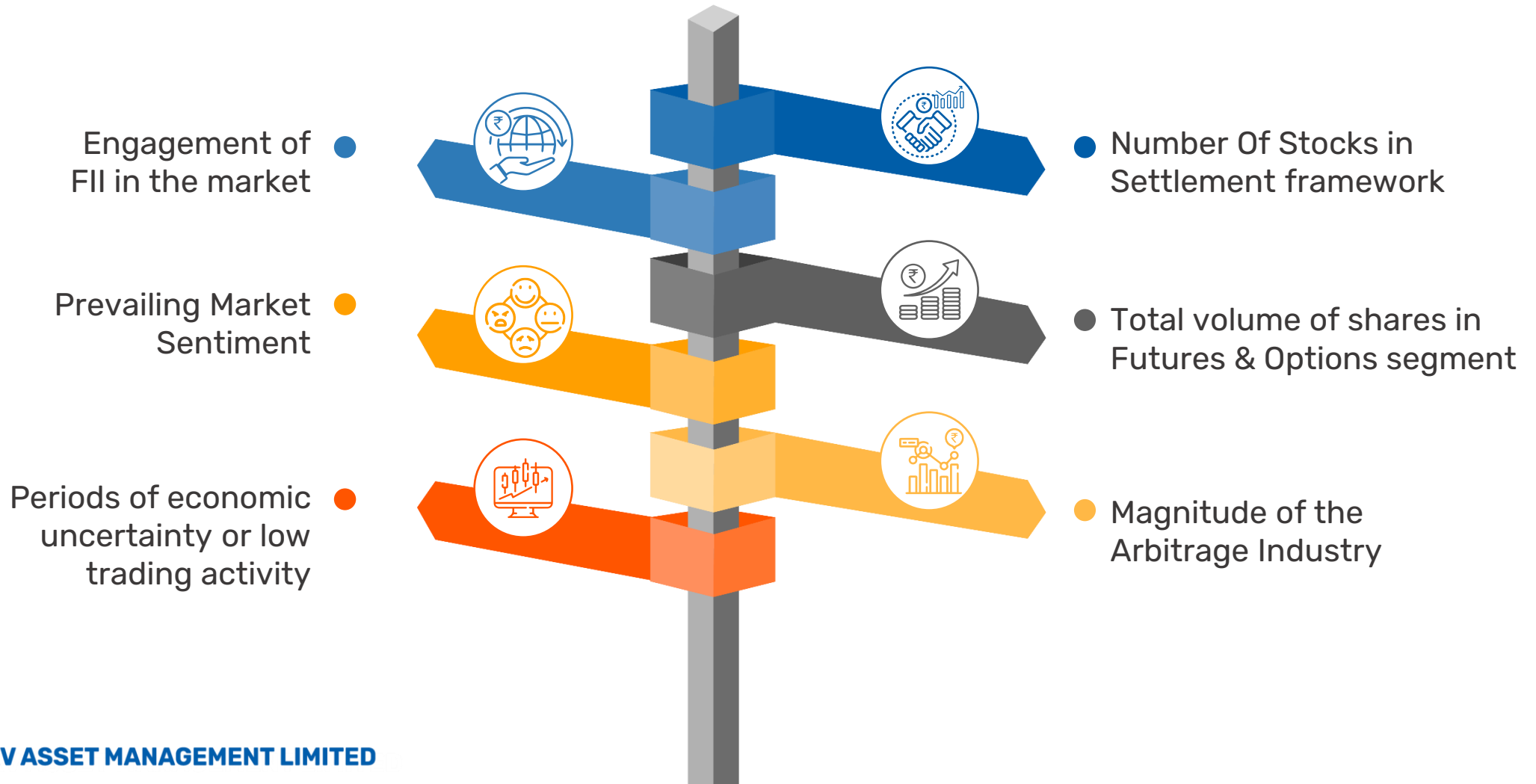
**Exchange Arbitrage**



**Dividend Arbitrage**

# Factors Impacting Spreads

Spread: Difference between buying and selling prices of a stock.



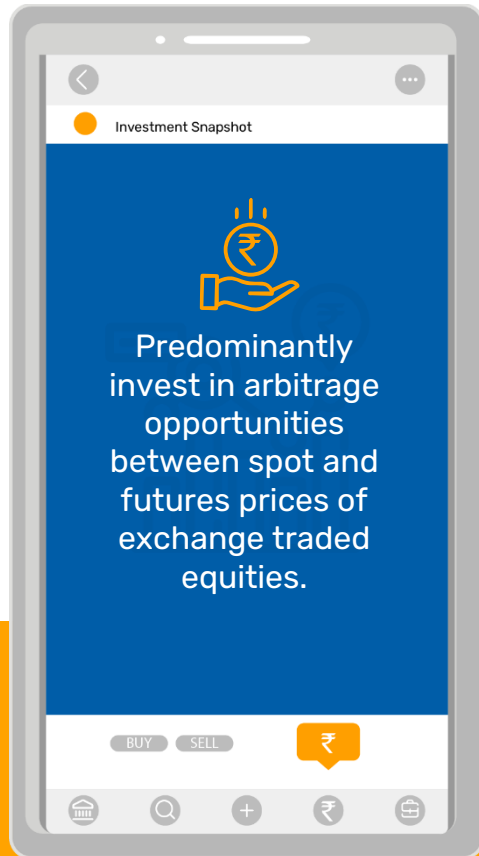
# Decoding the commonly used terms

- **Arbitrage:** The practice of exploiting price differences for the same asset in different markets to make a profit.
- **Spot Market:** Financial instruments, commodities, or assets are bought and sold for immediate delivery and settlement.
- **Futures Market:** Contracts are traded that obligate the buyer to purchase, and the seller to sell, an asset at a predetermined price and date in the future.
- **Price Discrepancy:** Difference in prices between markets that allows for potential profit.
- **Long Position:** Owning stock with the expectation of its price increasing
- **Short Position:** Borrowing or selling stock with the expectation of its price decreasing, aiming to buy it back at a lower price.
- **Spread:** Difference between buying and selling prices of a stock.
- **Hedging:** Using a strategy or instrument to offset potential losses from price movements in another asset, reducing overall risk.
- **Market Efficiency:** How well asset prices reflect all available information and adjust to new information.
- **Index arbitrage:** Trading strategy that attempts to profit from the price differences between two or more market indices.
- **Dividend arbitrage:** An options trading strategy that involves purchasing put options and an equivalent amount of underlying stock before its ex-dividend date and then exercising the put after collecting the dividend.

# Introducing Bajaj Finserv Arbitrage Fund

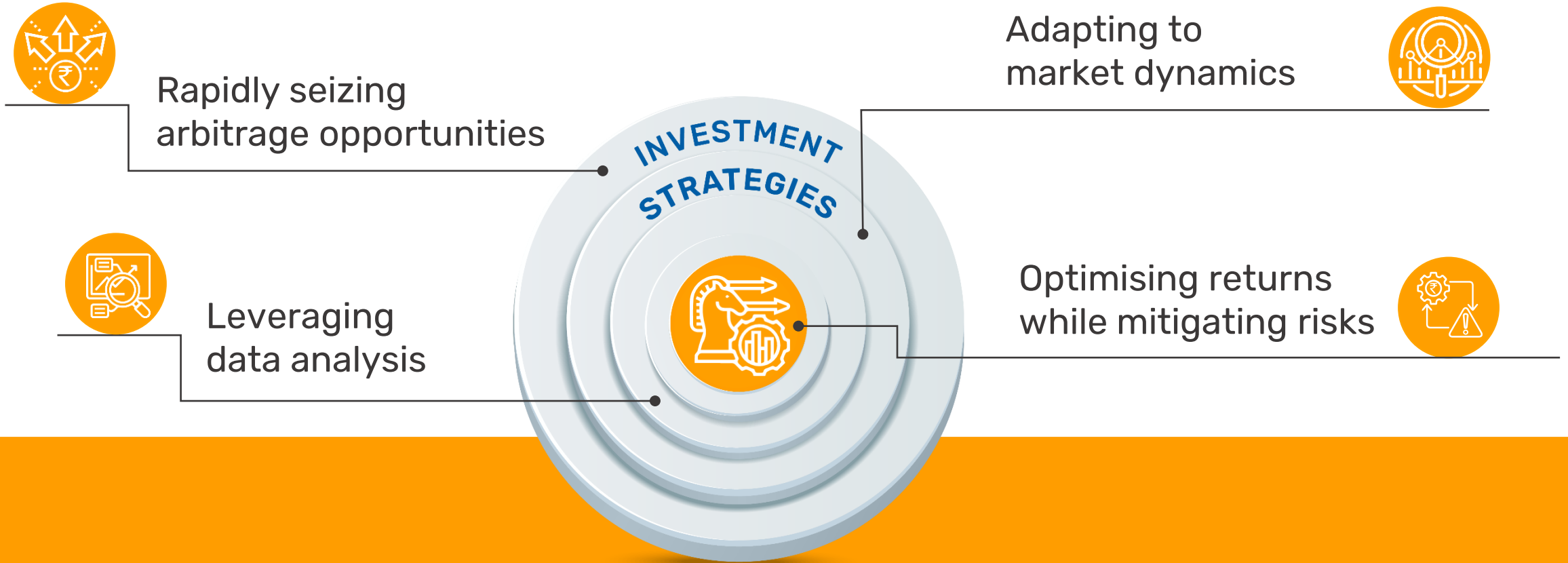


# Investment Snapshot





# Bajaj Finserv Arbitrage Fund : Investment Strategies



# Why invest in Bajaj Finserv Arbitrage Fund?



# Why invest in Bajaj Finserv Arbitrage Fund?





1   
Low Volatility

2   
No Credit Risk

3   
Equity Taxation

# Low Volatility Advantage

An analysis of 90 days daily rolling returns of Nifty 50 Arbitrage Index vs Nifty 50 TRI (from Apr 1, 2010 to Jul 31, 2023)

Parameter	Nifty 50 Arbitrage Index	Nifty 50 TRI
 Maximum Returns (Absolute)	3.04%	33.58%
 Minimum Returns (Absolute)	-0.58%	-33.35%
 No. of times +ve returns	98.6%	66.9%
 Standard Deviation	1.4%	16.6%

**Arbitrage Index scores favourable on the risk parameters vis-a-vis Equities.**

Past performance may or may not be sustained in the future

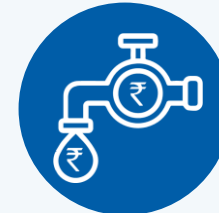
1  Low Volatility

# Fixed Income Strategy – Low Credit Advantage

## 2 No Credit Risk



Bajaj Finserv Arbitrage Fund endeavors to negate the credit and duration risk by investing in short term debt instruments that are highly rated.



For margin requirements, the fund would seek to invest in its own Liquid Fund.





Will allocate basis the interest rate and demand supply outlook to invest across the short end of the curve to generate performance.

# Tax Advantage

# 3



## Equity Taxation

Capital Gains Tax	Arbitrage Funds	Equity Funds	Debt Funds*
 Short Term	15% (< 1 year)	15% (< 1 year)	Income Tax Slab applicable to assessee
 Long Term	10%# (> 1 year)	10%# (> 1 year)	Income Tax Slab applicable to assessee

Above rates are excluding Surcharge and Cess


# Capital gains upto Rs 1 lakh are tax exempted.

\*The Finance Act 2023 by way of introduction of Section 50AA of the Income Tax Act, 1961 (hereinafter referred to as 'the IT Act') provided that any gain or income arising on transfer, redemption or maturity of units of specified mutual funds (wherein not more than 35% of the total proceeds are invested in equity shares of domestic companies for instance, certain debt funds) acquired on or after 1 April 2023 will be deemed as short term capital gains, and subject to tax at the applicable slab rate of the investor, irrespective of the period of holding



**Arbitrage Funds offers a better Tax Advantage than Debt Funds**

# Tax Advantage – Arbitrage Fund vs Bank Deposit


Individual/HUF

Particulars	Arbitrage Funds	Bank Deposit
Invested Amount	Rs. 1,00,00,000	Rs. 1,00,00,000
Assumed Annualized Rate of Return (p.a)	7%	7%
Abs returns for 364 days	Rs. 6,98,082.19	Rs. 6,98,082.19
Tax rate*	15%	30%
(-) Short term capital gains tax	Rs. 1,04,712	Rs. 2,09,425
Net Tax Returns	Rs. 5,93,370	Rs. 4,88,658
Gains (Annualized)	5.95%	4.90%

\*Excluding surcharge and cess. The incidence of the same will be based on the individual tax slabs. | Source: Internal data computation

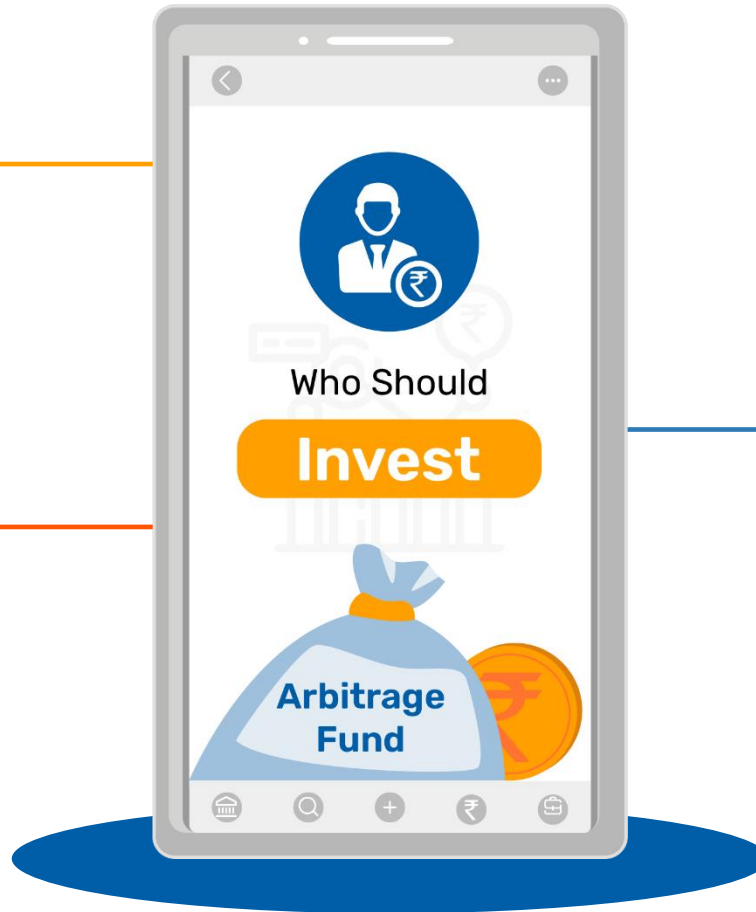
The above simulation is based on highest tax rates applicable to Individual/HUF/Domestic Companies as per the Finance Act, 2023 read with the Taxation Laws, for illustrative purposes only and should not be construed as a promise on minimum returns and safeguard of capital. The above illustration is not a tax advise. Each investor is advised to consult his/her own professional tax advisor. The AMC / Mutual Fund is not guaranteeing or promising or forecasting any returns. These products are not strictly comparable. There is no assurance or guarantee to unit holders as to rate/quantum of dividend distribution nor that the dividends will be paid regularly.

# Who should Invest in Arbitrage Fund?

**Risk-averse** investors for parking surplus funds



Looking for **investments upto 3 month or more**



Investors who want to take **advantage of Equity Taxation**



# Bajaj Finserv Arbitrage Fund – Portfolio

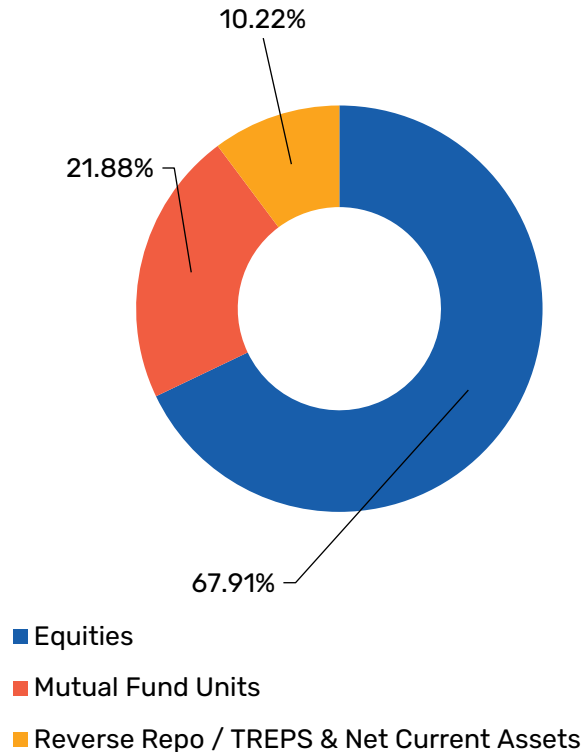
Stock	Equity (% to NAV)	Futures (% to NAV)
HDFC Bank Limited	9.81%	-9.77%
Reliance Industries Limited	7.27%	-7.32%
Multi Commodity Exchange of India Limited	4.67%	-4.69%
Hindustan Unilever Limited	4.49%	-4.52%
Kotak Mahindra Bank Limited	3.63%	-3.65%
State Bank of India	3.54%	-3.54%
Dalmia Bharat Limited	3.42%	-3.44%
Indian Energy Exchange Limited	2.81%	-2.82%
Tata Power Company Limited	2.44%	-2.45%
Tata Communications Limited	2.26%	-2.27%
Tata Consultancy Services Limited	2.23%	-2.23%
Adani Ports and Special Economic Zone Limited	2.08%	-2.09%
Larsen & Toubro Limited	2.05%	-2.06%
Aurobindo Pharma Limited	1.58%	-1.59%
Vodafone Idea Limited	1.52%	-1.54%
Glenmark Pharmaceuticals Limited	1.29%	-1.30%
Steel Authority of India Limited	1.18%	-1.19%
Ambuja Cements Limited	1.15%	-1.15%
LIC Housing Finance Limited	1.11%	-1.12%
The Ramco Cements Limited	1.00%	-1.00%
NTPC Limited	0.92%	-0.92%
Shriram Finance Limited	0.91%	-0.92%
Punjab National Bank	0.71%	-0.72%
Bank of Baroda	0.69%	-0.70%

Stock	Equity (% to NAV)	Futures (% to NAV)
Bajaj Finance Limited	0.65%	-0.65%
SBI Life Insurance Company Limited	0.60%	-0.60%
Piramal Enterprises Limited	0.52%	-0.52%
Canara Bank	0.48%	-0.49%
IndusInd Bank Limited	0.44%	-0.44%
Dabur India Limited	0.43%	-0.43%
ITC Limited	0.35%	-0.35%
Polycab India Limited	0.30%	-0.31%
HCL Technologies Limited	0.24%	-0.24%
JSW Steel Limited	0.17%	-0.17%
Colgate Palmolive (India) Limited	0.15%	-0.15%
City Union Bank Limited	0.15%	-0.16%
ACC Limited	0.12%	-0.12%
Bharti Airtel Limited	0.10%	-0.10%
ABB India Limited	0.09%	-0.09%
Hindalco Industries Limited	0.09%	-0.09%
DLF Limited	0.08%	-0.09%
United Spirits Limited	0.08%	-0.08%
Hindustan Aeronautics Limited	0.05%	-0.05%
Bandhan Bank Limited	0.03%	-0.03%
Nestle India Limited	0.02%	-0.02%
<b>Hedged Equity Exposure</b>	<b>67.90%</b>	
<b>Total Short Term Debt and Net Current Assets</b>	<b>32.10%</b>	
<b>Grand Total</b>	<b>100.00%</b>	

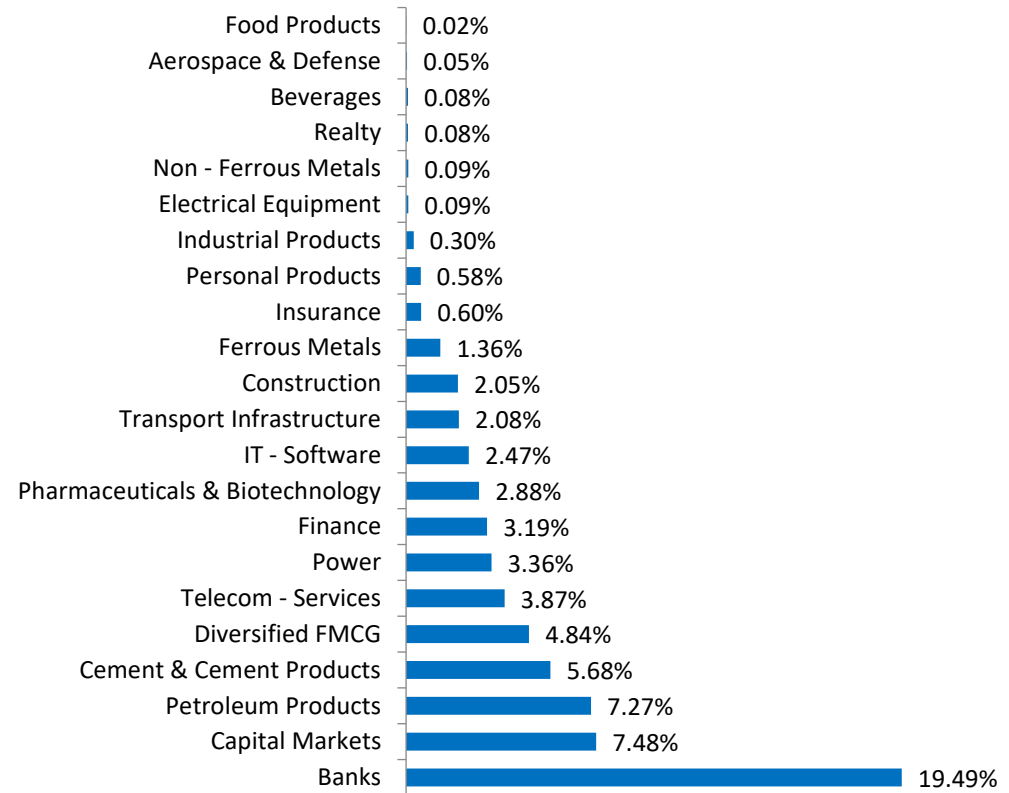
Data as on 30<sup>th</sup> April 2024

# Bajaj Finserv Arbitrage Fund - Allocation

### Asset Allocation



### Industry Allocation



# Fund Features

<b>Investment Objective</b>	The investment objective of the Scheme is to seek to generate returns by investing in arbitrage opportunities in the cash and derivatives segments of the equity markets and by investing balance in debt and money market instruments. However, there is no assurance that the investment objective of the Scheme will be achieved
<b>Benchmark</b>	Nifty 50 Arbitrage Index (TRI)
<b>Plans</b>	Regular/Direct
<b>Options</b>	Growth and IDCW
<b>Fund Manager</b>	Mr. Chetan Chavan (Equity Portion) Mr. Ilesh Savla (Equity portion) Mr. Siddharth Chaudhary (Debt portion)
<b>Exit Load Structure</b>	Entry Load – Not Applicable Exit Load – 0.25% of applicable NAV if redeemed/switched out within 15 days from the date of allotment. Nil if redeemed/switched out after 15 days from the date of allotment.
<b>Minimum Application Amount</b>	<b>During ongoing offer:</b> Fresh subscription - Rs. 500/- and in multiples of Re. 1/- Minimum additional application amount - Rs. 100/- and in multiples of Re. 1/- Systematic Investment Plan (SIP): •From Rs. 500 upto Rs. 1,000: minimum 60 instalments. •Above Rs. 1,000: minimum 6 instalments. Minimum amount for switch-in – Rs. 500 and in multiples of Re. 1.

# Riskometer

This product is suitable for investors who are seeking\*:

- Short term income generation
- Income through arbitrage opportunities in the cash and derivatives segments of the equity markets

\*Investors should consult their financial advisers if in doubt about whether the product is suitable for them.

## SCHEME

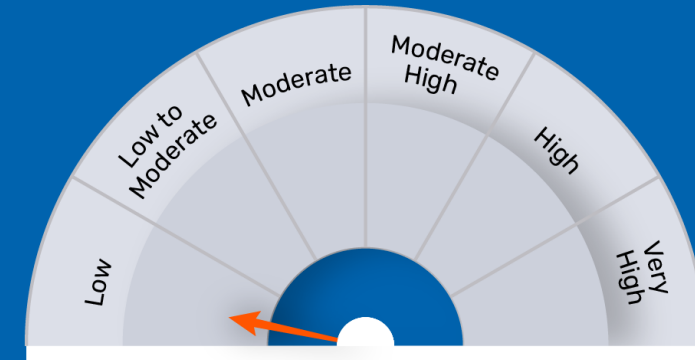
### Riskometer



Investors understand that their principal will be at low risk

## BENCHMARK

### Riskometer



Nifty 50 Arbitrage Index (TRI)

An open ended scheme investing in arbitrage opportunities

# Disclaimers

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**Mutual Fund investments are subject to market risks, read all scheme related documents carefully**

**Thank You**