

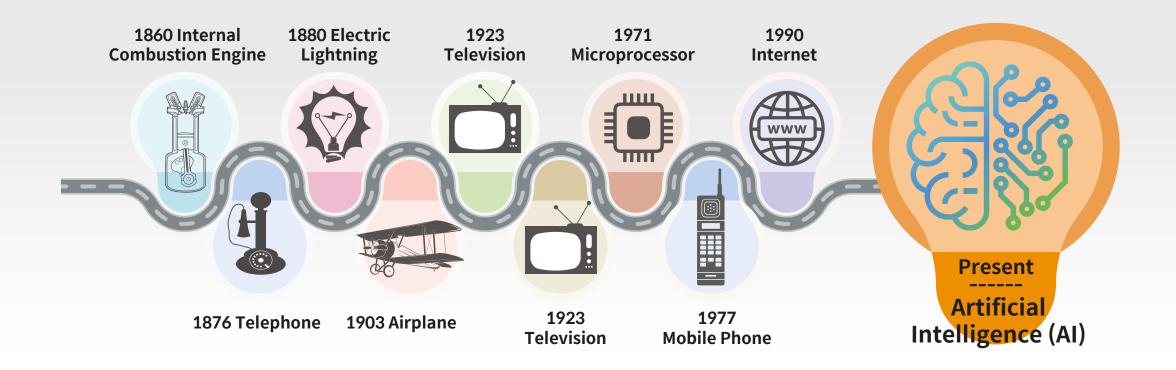
## Mirae Asset Global X Artificial Intelligence & Technology ETF Fund of Fund

(An open ended fund of fund scheme investing in units of Global X Artificial Intelligence & Technology ETF)

## Artificial Intelligence (AI): Creating new economies



#### Innovation across centuries have redefined businesses across sectors



Artificial Intelligence is one of the main driving force of the fourth Industrial revolution

## Artificial Intelligence is driving innovation across multiple mega trends



**E-Commerce** 



**Internet Surfing** 



**Algorithmic Trading** 



Gaming



**Healthcare Innovation** 



Cybersecurity



**Automotive Technology** 



**Transportation & Logistics** 



**Industrial Automation** 



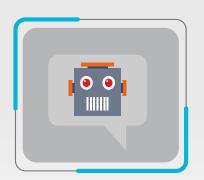
**Social Media** 

Artificial Intelligence are supporting megatrends that are long term structural shifts in nature in various business

### **Artificial Intelligence creating or reshaping products and services**



**Smart Assistant** 



ChatBot



**Facial Recognition** 



**Speech Recognition** 



**Navigation** 



**Self Driving Cars** 



**Augmented & Virtual Reality** 



**Unmanned Drones** 



**Smart Home** 



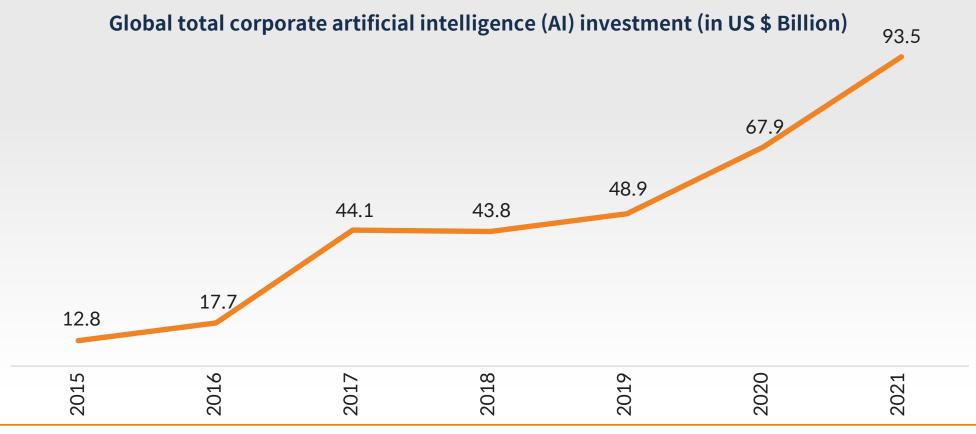
**Malware Detection** 

Artificial Intelligence form part of our products and services more than ever before

# Quantifying the impact of Artificial Intelligence



### Global Corporate Investment in AI has almost doubled in last two years



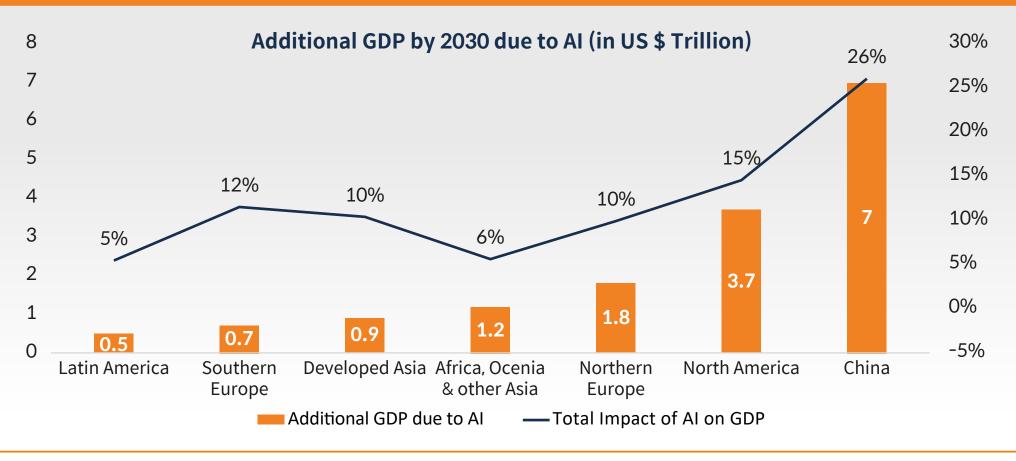
Global total corporate investment in Artificial Intelligence (AI) has increased from US \$ 12.8 billion in 2015 to US \$ 93.5 billion in 2021 at a CAGR of 39.4%

## Global market size of Artificial Intelligence is expected to cross USD 1.5 Trillion



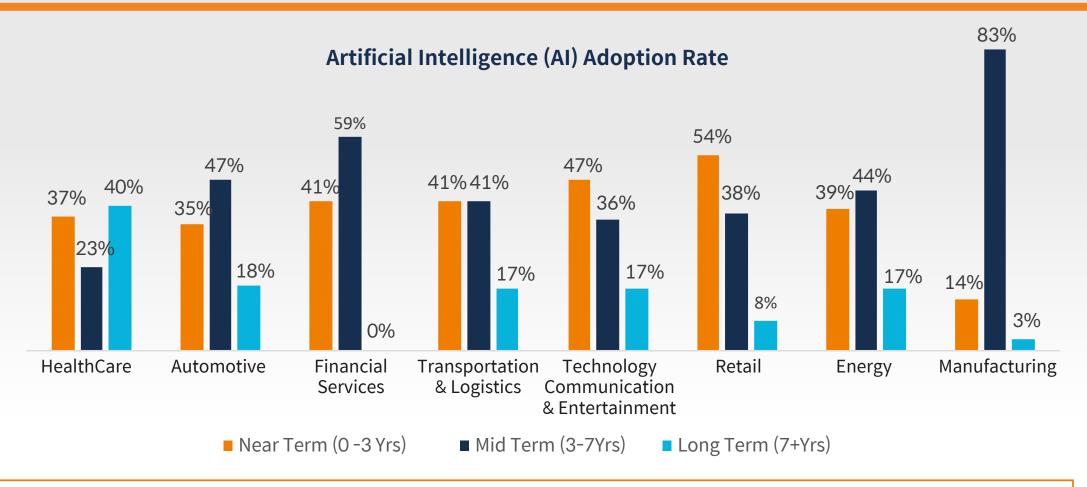
Global market size of Artificial Intelligence (AI) is expected to grow at a CAGR of ~33% over next decade

### Regions across the globe may expect GDP boost due to Al



Al could potentially contribute up to \$15.7 trillion to the global economy in 2030 with \$6.6 trillion due to increase in productivity and \$9.1 trillion due to consumption

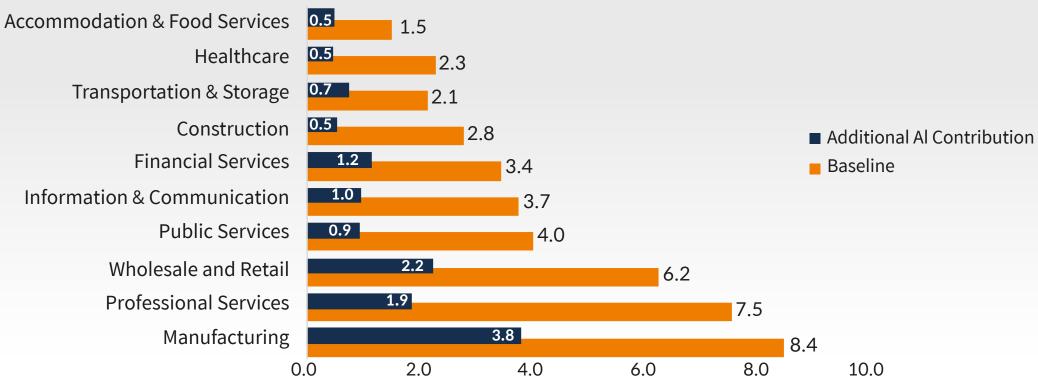
## Sector-wise potential adoption of Artificial Intelligence



Large adoption of Artificial Intelligence (AI) potentially is expected to take place within next decade

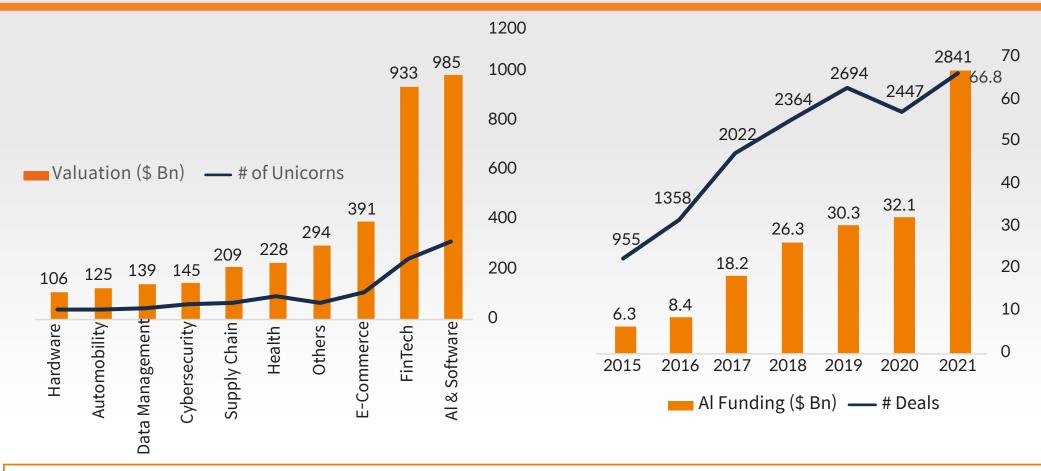
### The impact of AI on industry growth





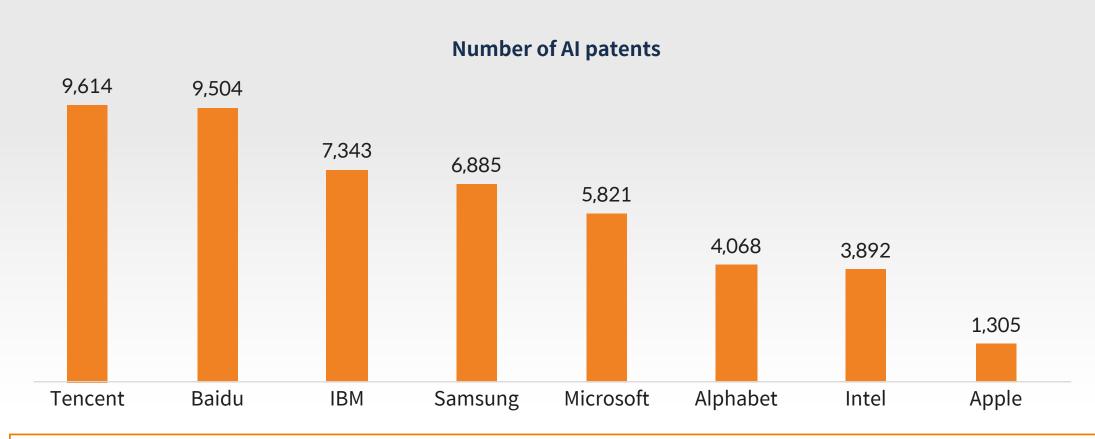
Al can substantially raise economic output for industries. For Manufacturing alone, Al can boost GVA by almost US\$4 trillion in 2035

## **Artificial Intelligence (AI) & Internet Software dominating Unicorn space**



Highest valued segment and highest number of unicorn belongs to Artificial Intelligence (AI) & Internet Software Category. Total deals in 2021 alone was USD 66.8 Billion

### United States and Chinese companies leads the AI flock



Out of Top 10 Holders of number of active Artificial Intelligence (AI) and Machine Learning Patents in 2021, 8 are part of the index portfolio\*

# Mirae Asset Global X Artificial Intelligence & Technology ETF Fund of Fund

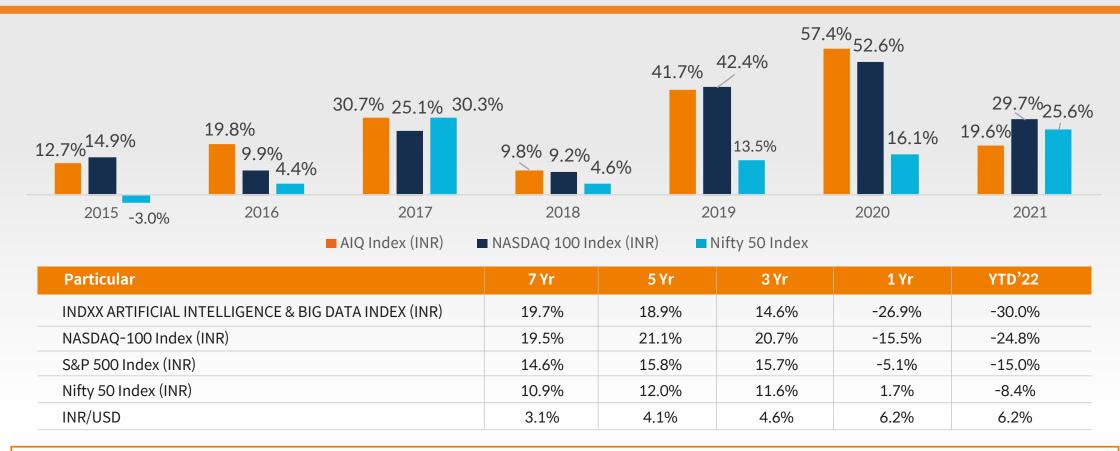


## About the scheme: Mirae Asset Global X Artificial Intelligence & Technology ETF Fund of Fund

Mirae Asset Global X Artificial Intelligence & Technology ETF Fund of Fund will invest in Global X Artificial Intelligence & Technology ETF (Listed in US) which seeks to invest in companies that potentially stand to benefit from the further development and utilization of Artificial Intelligence (AI) technology. It tracks Indxx Artificial Intelligence & Big Data Index (TRI) (INR)

- The index is designed to track the performance of companies listed or incorporated in developed markets that are positioned to benefit from the development and utilization of Artificial Intelligence (AI) in their products and services
- 102 The index also invests in companies that produce hardware used in AI applied for the analysis of Big Data.
- 13 The index follows an annual reconstitution (January) and a semi-annual rebalancing schedule (January and July)
- 04 Index categories the companies into two categories : Category 1: Al Developers and Category 2: Al Hardware
- 105 The top 60 companies from Category 1 and the top 25 companies from Category 2 will form the final index.
- O6 All securities are subject to a minimum weight of 0.3% and maximum weight for any security is of 3% in the index

### **Performance comparison**



AIQ Index has outperformed NASDAQ 100 Index absolute return basis in 4 out of 7 & Nifty 50 Index in 6 out of 7 calendar years

Source: Bloomberg data as on Jun 30, 2022; Exchange rate of FBIL are used for conversion of index value from USD to INR. IF INR appreciates against the currency in which investments are made then the value of foreign asset declines as a result of which the fund investing in such foreign asset will also bear the impact of it.

Past performance may or may not sustain in future. The index return are in Total Return Variant. The data shown above pertains to the index and does not in manner indicate performance of any scheme of the index. Since Inception is based on base date of 31st Jan 2014 for Indxx Artificial Intelligence & Big Data Index.

## **Periodic volatility comparison**

Particular	7 Yr	5 Yr	3 Yr	1 Yr	YTD'22
INDXX ARTIFICIAL INTELLIGENCE & BIG DATA INDEX (INR)	22.1%	24.1%	26.6%	27.0%	34.7%
NASDAQ-100 Index (INR)	23.0%	25.2%	28.4%	27.2%	35.1%
S&P 500 Index (INR)	19.1%	20.9%	24.3%	20.1%	25.4%
Nifty 50 Index (INR)	18.0%	19.5%	23.2%	17.4%	21.3%
INR/USD	5.0%	5.2%	4.9%	4.4%	4.9%

The volatility of AIQ Index is marginally lower than that of NASDAQ-100 Index

Source: Bloomberg data as on Jun 30, 2022; Exchange rate of FBIL are used for conversion of index value from USD to INR. Past performance may or may not sustain in future. The index return are in Total Return Variant. The data shown above pertains to the index and does not in manner indicate performance of any scheme of the index. Risk is nothing but computed as annualized standard deviation of daily return observation for specific investment horizon for all the indices using their INR total return variant. Since Inception is computed from 31st Jan 2014

## Relative valuation and reasonable earning potential

Particular	3 Year Bloomberg EPS Estimate (CAGR)*	Best P/E Ratio	3 Yr. Average Best P/E Ratio	Premium/ (Discount)
INDXX ARTIFICIAL INTELLIGENCE & BIG DATA INDEX	15.3%	19.3x	27.5x	-29.9%
NASDAQ-100 Index	15.0%	20.7x	27.1x	-23.5%
S&P 500 Index	10.9%	16.6x	21.4x	-22.2%
NYSE FANG+ Index	17.1%	21.5x	33.4x	-35.7%
Nifty 50 Index	12.2%	17.9x	21.7x	-17.6%

The Mirae Asset Global X Artificial Intelligence & Technology ETF Fund of Fund may offers a better opportunity to take exposure in global big tech at lower valuations currently

Source: Bloomberg data as on Jun 30, 2022; \*Above/Below past 3 years average (Red and green color denotes the said security is expensive or cheap relative to its historical valuation respectively). Past performance may or may not sustain in future. The data shown above pertains to the index and does not in manner indicate performance of any scheme of the Fund. PE stands for Price to Earning Ratio, EPS is Earning Per Share, Best P/E is 12 month forward price to earning ratio.

## Exposure to various sub-industries catering to Artificial Intelligence (AI) segment

GICS Industry Group	Global X Artificial Intelligence & Technology ETF	NASDAQ-100 ETF	S&P 500 ETF
Software & Services	34.9	20.2	13.2
Semiconductors & Semiconductor	14.4	14.9	5.3
Technology Hardware & Equipment	13.3	15.0	8.8
Media & Entertainment	12.8	15.4	7.4
Retailing	10.5	8.3	5.9
Capital Goods	4.8	1.6	5.1
Commercial & Professional Service	4.0	0.9	0.8
Automobiles & Components	3.1	4.4	2.2
Transportation	1.2	0.8	1.7
Health Care Equipment & Services	0.6	1.4	6.1
Pharmaceuticals, Biotechnology	0.2	5.0	8.8
Diversified Financials	0.1	-	4.9

Broad based exposure across different industries with tilt towards software and services

Source: Bloomberg data as on July 14th, 2022. Past performance may or may not sustain in future.. The data shown above pertains to the different ETFs and does not in manner indicate performance of any scheme of the Fund. The sector(s )/stock(s)/issuer(s) mentioned in this presentation do not constitute any research report/recommendation of the same and the Fund may or may not have any future position in these sector(s )/stock(s)/issuer. GICS stands for Global Industry Classification Standard. Nasdag 100 portfolio is taken from Invesco QQQ ETF and S&P 500 ETF Portfolio is taken from ishares S&P 500 ETF.

### Provides exposure to AI companies across the globe

Country	Global X Artificial Intelligence & Technology ETF	NASDAQ-100 ETF	S&P 500 ETF
UNITED STATES	66.8	97.1	100%
CHINA	11.2	0.9	-
SOUTH KOREA	4.4	-	-
IRELAND	4.1	-	-
GERMANY	3.3	-	-
CANADA	2.5	0.3	-
NETHERLANDS	2.0	0.7	-
JAPAN	1.7	-	-
TAIWAN	1.2	-	-
SWITZERLAND	1.1	-	-
SWEDEN	0.6	-	-
BRITAIN	0.5	0.3	-
ITALY	0.3	-	-
BRAZIL	0.2	-	-
ISRAEL	0.2	-	-

Geographically diversified exposure to the relevant companies as compared to US dominated exposure of NASDAQ-100 and S&P 500 Index

Source: Bloomberg data as on July 14th, 2022. Past performance may or may not sustain in future.. The data shown above pertains to the different ETFs and does not in manner indicate performance of any scheme of the Fund. The sector(s )/stock(s)/issuer(s) mentioned in this presentation do not constitute any research report/recommendation of the same and the Fund may or may not have any future position in these sector(s )/stock(s)/issuer. GICS stands for Global Industry Classification Standard. Nasdag 100 portfolio is taken from Invesco QQQ ETF and S&P 500 ETF Portfolio is taken from ishares S&P 500 ETF.

## Why you may consider investing in this fund?

- Endeavours to provide exposure to the entire ecosystem of companies involved in development and utilization of Artificial Intelligence (AI) in their products and services and companies which enable such development through hardware and services.
- With 83 constituents currently, the index provides diversified exposure to global big tech companies. The top 3 geographical exposure are United States (66.5%), China (11.7%) and South Korea (8.6%).
- The single stock exposure is capped at 3% which lowers the risk compared to top heavy portfolio like NASDAQ 100.
- 104 The index has generated 19.7% return in last 7 years, outperforming NASDAQ 100 in 4 out of 7 calendar years with lower risk.
- Thematic investments may seek to provide exposure to upcoming segments with high potential but are also associated with higher risk/Volatility.

#### **Scheme Detail**



#### **Allotment Date**

7<sup>th</sup> September 2022



#### **Type of Scheme**

(An open ended fund of fund scheme investing in units of Global X Artificial Intelligence & Technology ETF)



#### **Benchmark**

Indxx Artificial Intelligence & Big Data Index (TRI) (INR)



#### **Plan & Options**

Regular Plan and Direct Plan with Growth Option



#### **Fund Manager**

Mr. Siddharth Srivastava



#### Minimum Investment

Rs. 5000/- and in multiples of Re. 1/- thereafter.



#### **Taxation**

Debt



#### Minimum Additional Investment Amount Post NFO

Rs. 1,000/- and in multiples of Re. 1/- thereafter.



#### **Facility Offered**

SIP, STP & SWP (transaction through electronic mode), GRIP



#### **Exit Load**

For redemption / switch out of units on or before within 1 year (365 days) from the date of allotment: 1%; Nil thereafter

## THANK YOU

Follow us on: (f) (y) (in) (ii)











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

## Portfolio of the Global X Artificial Intelligence & Technology ETF (Top 50 Holdings; Part I/II)

Name	Weight	Country	GICS Sector
APPLE INC	3.76	UNITED STATES	Information Technology
INTL BUSINESS MACHINES CORP	3.58	UNITED STATES	Information Technology
QUALCOMM INC	3.54	UNITED STATES	Information Technology
MICROSOFT CORP	3.53	UNITED STATES	Information Technology
ALPHABET INC-CL A	3.47	UNITED STATES	Communication Services
ORACLE CORP	3.47	UNITED STATES	Information Technology
ALIBABA GROUP HOLDING-SP ADR	3.46	CHINA	Consumer Discretionary
ACCENTURE PLC-CL A	3.29	IRELAND	Information Technology
AMAZON.COM INC	3.19	UNITED STATES	Consumer Discretionary
MEITUAN-CLASS B	3.12	CHINA	Consumer Discretionary
TESLA INC	3.11	UNITED STATES	Consumer Discretionary
CISCO SYSTEMS INC	3.07	UNITED STATES	Information Technology
ADOBE INC	3.06	UNITED STATES	Information Technology
SALESFORCE INC	3.03	UNITED STATES	Information Technology
INTEL CORP	2.98	UNITED STATES	Information Technology
TENCENT HOLDINGS LTD	2.87	CHINA	Communication Services
SAMSUNG ELECTRONICS CO LTD	2.85	SOUTH KOREA	Information Technology
NVIDIA CORP	2.7	UNITED STATES	Information Technology
SERVICENOW INC	2.41	UNITED STATES	Information Technology
SIEMENS AG-REG	2.4	GERMANY	Industrials
META PLATFORMS INC-CLASS A	2.14	UNITED STATES	Communication Services
NETFLIX INC	1.81	UNITED STATES	Communication Services
SK HYNIX INC	1.5	SOUTH KOREA	Information Technology
THOMSON REUTERS CORP	1.47	CANADA	Industrials
SYNOPSYS INC	1.34	UNITED STATES	Information Technology

Source: Bloomberg data as on July 14th, 2022. Past performance may or may not sustain in future.. The data shown above pertains to the ETF and does not in manner indicate performance of any scheme of the Fund. The sector(s)/stock(s)/issuer(s) mentioned in this presentation do not constitute any research report/recommendation of the same and the Fund may or may not have any future position in these sector(s)/stock(s)/issuer.

## Portfolio of the Global X Artificial Intelligence & Technology ETF (Top 50 Holdings; Part II/II)

Name	Weight	Country	GICS Sector
CADENCE DESIGN SYS INC	1.22	UNITED STATES	Information Technology
NXP SEMICONDUCTORS NV	1.22	NETHERLANDS	Information Technology
UBER TECHNOLOGIES INC	1.15	UNITED STATES	Industrials
BAIDU INC - SPON ADR	1.15	CHINA	Communication Services
SHOPIFY INC - CLASS A	1.01	CANADA	Information Technology
FANUC CORP	0.87	JAPAN	Industrials
INFINEON TECHNOLOGIES AG	0.85	GERMANY	Information Technology
TWITTER INC	0.84	UNITED STATES	Communication Services
EXPERIAN PLC	0.83	IRELAND	Industrials
STMICROELECTRONICS NV	0.81	SWITZERLAND	Information Technology
WORKDAY INC-CLASS A	0.77	UNITED STATES	Information Technology
EBAY INC	0.75	UNITED STATES	Consumer Discretionary
WOLTERS KLUWER	0.74	NETHERLANDS	Industrials
DATADOG INC - CLASS A	0.7	UNITED STATES	Information Technology
ROCKWELL AUTOMATION INC	0.66	UNITED STATES	Industrials
ERICSSON (LM) TEL-SP ADR	0.6	SWEDEN	Information Technology
ZSCALER INC	0.59	UNITED STATES	Information Technology
MANDIANT INC	0.59	UNITED STATES	Information Technology
TRADE DESK INC/THE -CLASS A	0.52	UNITED STATES	Information Technology
SNAP INC - A	0.51	UNITED STATES	Communication Services
NIELSEN HOLDINGS PLC	0.5	UNITED STATES	Industrials
HEWLETT PACKARD ENTERPRISE	0.48	UNITED STATES	Information Technology
SEAGATE TECHNOLOGY HOLDINGS	0.48	UNITED STATES	Information Technology
TOSHIBA CORP	0.48	JAPAN	Industrials
ZEBRA TECHNOLOGIES CORP-CL A	0.44	UNITED STATES	Information Technology

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#### **Disclaimers**

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The information contained in this document is compiled from third party and publically available sources and is included for general information purposes only. There can be no assurance and guarantee on the yields. Views expressed by the Fund Manager cannot be construed to be a decision to invest. The statements contained herein are based on current views and involve known and unknown risks and uncertainties. Whilst Mirae Asset Investment Managers (India) Private Limited (the AMC) shall have no responsibility/liability whatsoever for the accuracy or any use or reliance thereof of such information. The AMC, its associate or sponsors or group companies, its Directors or employees accepts no liability for any loss or damage of any kind resulting out of the use of this document. The recipient(s) before acting on any information herein should make his/her/their own investigation and seek appropriate professional advice and shall alone be fully responsible / liable for any decision taken on the basis of information contained herein. Any reliance on the accuracy or use of such information shall be done only after consultation to the financial consultant to understand the specific legal, tax or financial implications.

Mutual fund investments are subject to market risks, read all scheme related documents carefully.

For further information about other schemes (product labelling and performance of the fund) please visit the website of the AMC: www.miraeassetmf.co.in

Please consult your financial advisor before investing

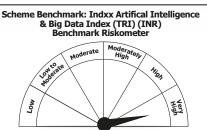
#### PRODUCT LABELLING

Mirae Asset Global X Artifical Intelligence & Technology ETF Fund of Fund is suitable for investors who are seeking\*

- To generate long-term capital appreciation/income
- Investments in Global X Artificial Intelligence & Technology ETF

\*Investors should consult their financial advisors if they are not clear about the suitability of the product.





The Benchmark is at Very High Risk