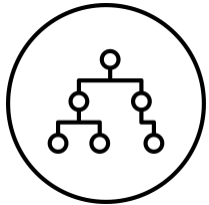

Investment Forecast Selections Based on Artificial Intelligence, Commodities(Precious Metals, Oil etc.)

April 2019

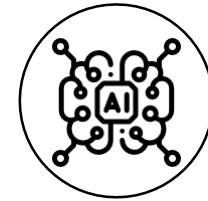
I KNOW FIRST PREDICTIVE ALGORITHM



A PREDICTIVE ALGORITHM THAT PRODUCES DAILY PREDICTIONS FOR THE FINANCIAL MARKETS AND IDENTIFIES THE MOST PROMISING INVESTMENT OPPORTUNITIES

10,000

DAILY FORECASTS FOR OVER 10,000 ASSETS: STOCKS, ETFS, COMMODITES, CURRENCIES, INTREST RATES AND WORLD INDICES FOR LONG, MID & SHORT TERMS



UTILIZING ARTIFICIAL INTELLIGENCE, MACHINE LEARNING/DEEP LEARNING

Daily AI-Based Forecast for over 50 global stock exchanges including the stock exchanges in US, Canada, Europe, Switzerland, Hong Kong, China, Australia, Singapore, Japan, India and more

International Awards



HOW WE DO IT?

DAILY FORECAST

Forecast Date: Updated Example Date

Stock or Index name: HPQ

Signal: 107.00

Predictability: 0.24

Targeted Forecast for the S&P 500

6 Time Horizons:
 - 3 days
 - 7 days
 - 14 days
 - 1 month
 - 3 months
 - 12 months

Stocks to Buy

Each Cell represents a Stock or an Index

Stocks to Sell

3 months				
ALU	ZION	C	BGC	*BKK
1697.98	964.84	897.72	173.97	110.35
25	0.25	0.29	0.34	0.32
	*ISEQ	AIG	*SSE180	ADM
0.00	80.06	62.83	50.69	41.25
	0.44	0.05	0.47	0.41
	*FTS	*AMA1	*TR20	*MMM
56	23.22	21.01	19.01	16.13
	-0.16	0.39	-0.05	0.23
	*SSMI	*JKSE	CHKP	*MERY
12.17	12.02	11.87	11.68	11.43
-0.17	0.35	0.38	-0.01	-0.03
*GDAXI	*DJT	DD	AA	*N225
9.89	9.82	9.74	9.23	9.19
0.4	0.42	0.21	-0.06	0.08
*DJI	*TA25	BAC	CTB	LEUMI
7.00	6.75	6.72	6.70	6.19
0.31	0.01	-0.05	0.21	-0.11
GGB	*TA100	*AORD	F	*BVSP
5.94	5.71	5.02	4.96	4.72
0.41	0.35	0.48	0.26	0.3
*OEX	ECH	INTC	*FTSE	DOX
4.57	4.11	4.11	4.11	3.88
0.31	0.38	0.25	0.49	0.47
APA	GXC	EPHE	*HSI	ISRG
3.65	3.65	3.35	3.26	3.04
0.24	0.25	0.27	-0.22	0.47
CRM	*S&P500	BHP	DE	*CMR
3.01	2.85	2.85	2.44	2.40
0.23	0.43	0.47	0.23	0.5
*KSH	BASFY	HBC	*AEX	AMZN
2.26	2.01	1.91	1.83	1.67
-0.05	0.13	0.11	0.59	0.48
*MXX	*RUT	*NBI	*IXIC	AMD
0.36	0.15	-0.10	-0.15	-0.28
-0.05	0.57	0.07	0.38	0.22
AIZ	*BSESN	*NDX	*NZ50	*KLSE
-0.46	-0.56	-0.57	-0.76	-0.91
0.26	0.11	0.34	0.44	0.24
ESLT	BA	GOOG	EXPE	GS
-0.97	-1.07	-1.07	-1.60	-1.83
0.04	0.57	0.36	0.24	0.37
FL	GIS	*TWI	GT	AAPL
-2.59	-2.59	-14.92	-42.72	-81.83
0.22	0.43	0.41	0.07	0.16

Signal

Updated 27_Nov_2013

1 month

XOMA	NOK	AMD	MTG	ADM
152.28	151.36	36.23	32.30	13.84
0.3	0.53	0.19	0.16	0.31
APOL	AKS	ACI	RAD	ACLS
13.84	12.00	9.00	8.77	8.08
0.2	0.2	0.36	0.25	0.15

Predictability Indicator

↕ SIGNAL
 Predicted movement of the asset
 Shown at the top of each cell

P
 PREDICABILITY
 The historical correlation between past algorithmic predictions and actual market movement, for each asset.
 Shown at the bottom of each cell

KEY TO IDENTIFY AND FOCUS ON THE MOST PREDICTABLE MARKETS AND SECURITIES, ENHANCING THE OVERALL PERFORMANCE

Commodity Market Review

Commodity Market Review: Gasoline futures rose up to 26.57% over the past month.

April 1, 2019

Summary:

- Gasoline Futures (*CME_RB1*) had a remarkable return over the past month.
- Platinum (*^JPLAT*) rose 19.33% over the past month.
- Zinc price is up due to low inventories. Gasoline Futures

Gasoline Futures (*CME_RB1*) sees a remarkable return of 26.57% over the past month in line with I Know First forecast. The gasoline futures have risen for the last 2 months, as has crude oil. U.S. President Donald Trump tweeted

“Very important that OPEC increase the flow of Oil. World Markets are fragile, price of Oil getting too high. Thank you!”, then the price of oil and gas declined the following days.



Platinum

Platinum (^JPLAT) had a 19.33% rise over the past month, from 26th February 2019 to 26th March 2019. Platinum is cheaper than palladium and gold right now. This price gap between platinum and palladium is creating an incentive for car makers to substitute the metal. I Know First has consistently been forecasting this increase and correctly tracking the rise of this metal.



Zinc

Zinc price climbed to \$2,948 a tonne on 29th of March, a rise of 15.52% in 3 months. Inventories are down 55% this year. The London Metal Exchange registered warehouses hold low inventories of many metals and is helping to increase the prices. I Know First successfully predicted the rise for zinc in 3 month time frame.



I Know First Successful Commodities Forecast

On the December 28th 2018 and February 26th 2019 I Know First algorithm issued bullish predictions for commodities for a 90-day and 30-day time horizon respectively. The predictions include Gasoline Futures (CME_RB1), Platinum (^JPLAT) and Zinc.

Algorithmic Commodities Forecast

1 Month					Updated 07_Mar_2019				
CME_RB1	SHFE_RU	SHFE_RB	ICE_B1	CME_CL1	3.86	1.77	1.19	1.10	0.78
0.44	0.28	0.47	0.46	0.45	0.28	0.70	0.61	0.44	0.43
CME_WS	SHFE_RB	SHFE_CU	CME_HG1	CME_LC1	0.45	0.5	0.45	0.48	0.18
0.39	0.22	0.07	0.06	0.01	0.45	0.28	0.56	0.51	0.25
0.01	-0.03	-0.04	-0.05	-0.25	0.01	0.27	0.24	0.33	0.24
-0.29	-0.29	-0.29	-0.59	-0.84	0.11	0.37	0.31	0.29	0.12
-0.99	-1.19	-1.32	-1.49	-1.67	0.25	0.23	0.23	0.2	0.23
-1.85	-2.09				0.17	0.26			



Forecast Performance (long)

Symbol	Forecast March 7th	% Change April 7th	Accuracy
CME_RB1	↑	10.04%	✓
SHFE_RU1	↑	-5.13%	✗
SHFE_RB2	↑	0.49%	✓
ICE_B1	↑	6.59%	✓
CME_CL1	↑	12.20%	✓
CME_WS1	↑	12.20%	✓
SHFE_RB5	↑	2.16%	✓
SHFE_CU5	↑	0.65%	✓
CME_HG1	↑	-0.89%	✗
CME_LC1	↑	-2.21%	✗
I Know First Average		3.61%	

Ticker	Signal	Recommended Long Position: ↑
Predictability		Recommended Short Position: ↓

*I Know First Average denotes the non-weighted average return of the listed symbols.

[How to interpret this diagram](#)

Please note-for trading decisions use the most recent forecast.



Commodities Price Outlook Based on Big Data: Returns up to 12.20% in 1 Month
April 7, 2019

Commodities Price Outlook

This Commodities Package is designed for investors who need commodity recommendations to find the best performing commodities in the industry. It includes 20 Commodities Price Outlook with bullish or bearish signals indicating which are best to buy:

- Top 10 commodities for the long position
 - Top 10 commodities for the short position
- Package Name: Commodities

Recommended Positions: Long

Forecast Length: 1 Month (03/07/2019 – 04/07/2019) I Know First Average: 3.61%

Algorithmic Commodities Forecast

1 Month Updated 07_Mar_2019									
CME_RB1	SHFE_RU	SHFE_RB	ICE_B1	CME_CL1					
0.44	3.86	0.28	1.77	0.47	1.19	0.46	1.10	0.45	0.78
CME_WS1	SHFE_RB	SHFE_CU	CME_HG1	CME_LC1					
0.74	0.5	0.70	0.45	0.61	0.48	0.44	0.43		
0.45									
	0.39		0.22		0.07		0.06		0.01
0.45	0.28	0.56	0.51	0.25					
	0.01	-0.03	-0.04	-0.05	-0.25				
0.01	0.27	0.24	0.33	0.24					
	-0.29	-0.29	-0.29	-0.59	-0.84				
0.11	0.37	0.31	0.29	0.12					
	-0.99	-1.19	-1.32	-1.49	-1.67				
0.25	0.23	0.23	0.2	0.23					
	-1.85	-2.09							
0.17	0.26								

Forecast Performance (long)

Symbol	Forecast	% Change	Accuracy
	March 7th	April 7th	
CME_RB1	↑	10.04%	✓
SHFE_RU1	↑	-5.13%	✗
SHFE_RB2	↑	0.49%	✓
ICE_B1	↑	6.59%	✓
CME_CL1	↑	12.20%	✓
CME_WS1	↑	12.20%	✓
SHFE_RB5	↑	2.16%	✓
SHFE_CU5	↑	0.65%	✓
CME_HG1	↑	-0.89%	✗
CME_LC1	↑	-2.21%	✗
I Know First Average		3.61%	



Ticker	Signal	Recommended Long Position: ↑
Predictability		Recommended Short Position: ↓

*I Know First Average denotes the non-weighted average return of the listed symbols

This Commodities Package forecast had correctly predicted 7 out of 10 stock movements. The top performing prediction from this package was CME_CL1 with a return of 12.20%. CME_WS1, and CME_RB1 had notable returns of 12.20% and 10.04%. The package had an overall average return of 3.61% during the period. Algorithmic traders utilize these daily forecasts by the I Know First market prediction system as a tool to enhance portfolio performance, verify their own analysis and act on market opportunities faster. This forecast was sent to current I Know First subscribers.

How to interpret this diagram

Algorithmic Commodity Forecast: The table on the left is the commodity forecast produced by I Know First's algorithm. Each day, subscribers receive forecasts for six different time horizons. Note that the top 10 commodities in the 1-month forecast may be different than those in the 1-year forecast. In the included table, only the relevant tickers have been included. The boxes are then arranged according to their respective signal and predictability values (see below for detailed definitions).



A green box represents a positive forecast, suggesting a long position, while a red represents a negative forecast, suggesting a short position.

Please note-for trading decisions use the most recent forecast.

CASE STUDIES

I KNOW FIRST ALGORITHM



LARGE EUROPEAN BANK

- AI Based Forecasts for the Euronext
- Advanced Trading ideas generation tool for the private banking division based on the daily market opportunities
- Innovative tool for premium clients. Helping to increase their AUM as well as improve their trading activity



LARGE EUROPEAN BANK 2

- Investment Research and AI / Data Analytics teams
- MSCI ACWI constituents forecasts. Over 2200 global stocks covered from developed and emerging markets
- Sector / region level - bottom-up aggregation of the forecasts
- Decisions on regional and sectorial exposure and allocation



2 LEADING ISRAELI BANKS

- Integration into Bank's Research & Advisory
- ETFs and sector AI based Forecasts
- Proprietary trading



ISRAELI INVESTMENT HOUSE

- Mutual Funds / Hedge Funds - Active management based on I Know First's systematic trading strategies
- AI-powered wealth management products and investment vehicles. e.g. smart-beta and actively managed ETFs



U.S FAMILY OFFICES

- Customized algorithmic forecast for FO's investment universe
- Management of income generating and MLP portfolios



Japan Leading Asset Management Company

- Global stock market
- Commodity
- Currencies

10,000 qualified and retail clients by the end of 2018
Implementation and customization for different local market (US, Europe, East Asia):





IST株式会社はFintech製品、サービスを提供する
I Know First社の日本の代理店・パートナーです

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設立: 2017年6月

代表者: 代表取締役社長 太田 幸多郎

事業内容: AIシステム開発・販売
フィンテック関連ソフトウェア開発・販売
アルゴリズムシステム開発・販売

資本金: 1,000万円

免責条項

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