

Interactive Brokers

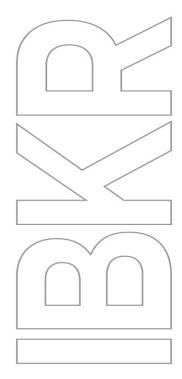
in conjunction with

Toggle AI

present:

Idea Generation with AI

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TO GGLE

Invest Rationally, Not Rashly

Idea generation with AI

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As portfolio managers, we constantly faced the challenge of inadequate infrastructure to cope with the growing mountain of data.

- Downloading data from a variety of disparate sources
- Maintaining and refreshing oodles of macro-enabled spreadsheets
- Writing ad-hoc code to answer questions like "If this happens, what next?"

It felt like sipping from an ocean with a straw.

Smart assistants are ubiquitous in our daily lives...Why don't they exist in investing?

- Machines are really good at monitoring and processing large amounts of information
- They can uncover price patterns in assets around events/data changes
- They can test each relationship for robustness ...in seconds
- They can deliver curated insights tailored to specific users

CAN SMART MACHINES HELP ACTIVE INVESTORS/TRADERS?

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Human intelligence is very good at strategy (the "big picture") but AI can be helpful with the tactics (the "details").

For example, a portfolio manager decides they want to be long risk in equities and let the machine highlight the assets that are most undervalued/have strongest momentum.

STATISTICAL ANALYSIS AND BACK TESTING



Instead of competing with them, machines can empower users by replicating – fast – the work investors are already doing



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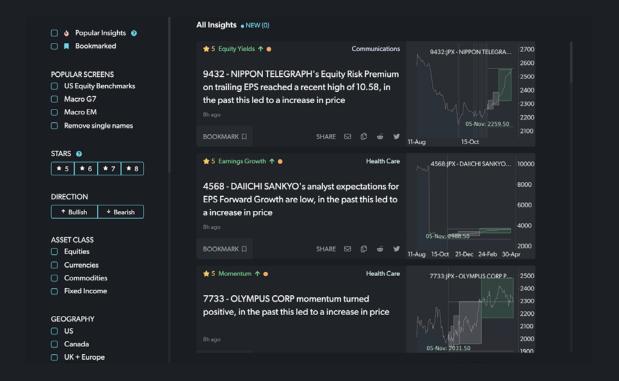
Where in the investment process can machines add most value

- Idea generation ("What assets best reflect my thesis?")
- Hypothesis testing ("Is my hunch/instinct correct?")
- Asset due diligence ("What am Imissing?")
- Portfolio risk management ("Do I really want to sell here? Should I get out?")

IDEA GENERATION



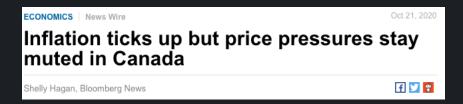
Machine-generated ideas can connect a view to specific assets that best reflect it



IDEA GENERATION



Translating macro-environment into actionable ideas



Canada's annual inflation rate up in September, but retail sales data weighs

The soft inflation figures are the backdrop for stimulus the Bank of Canada has rolled out since the start of the pandemic, slashing its key policy rate to 0.25 per cent and snapping up government debt at an unprecedented rate.

Identifying beneficiaries of sector rotation, undervalued or lagging stocks

MAD MONEY

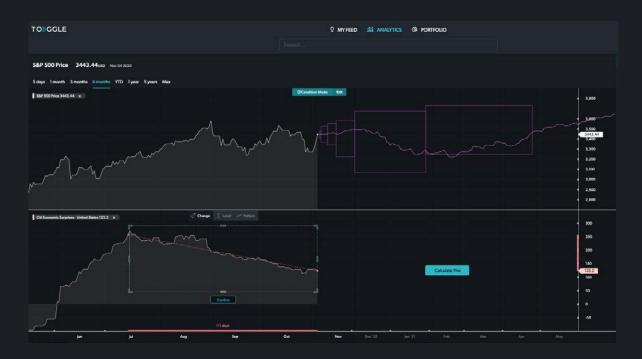
Jim Cramer breaks down Monday's rotation: 'Value has lagged'

The Tell

Investors need to brace for a 'violent rotation into' cyclicals, value stocks, says Lee

Last Updated: Nov. 10, 2020 at 1:07 p.m. ET First Published: Nov. 10, 2020 at 10:32 a.m. ET

Machines can help you test your instincts against the data: is the economic environment bad for stocks?



Machines can help you test your instincts against the data: is weakening momentum a problem for the stock?



ASSET DUE DILIGENCE



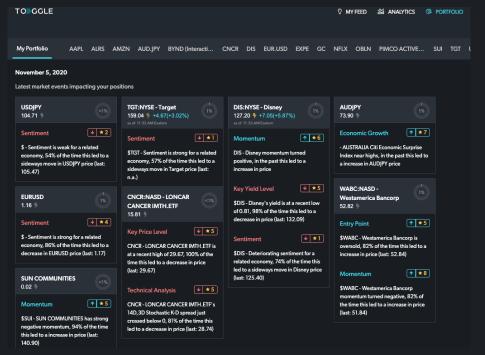
Asset due diligence – where are the price pressures? – can be done instantly



RISK MANAGEMENT



The trickiest part often is assessing which assets will be impacted by the changing environment





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