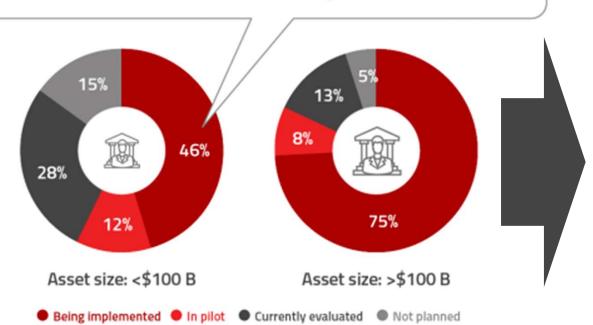


A.I. in Banking broadly covered - Really?

Al maturity in banking depends on size of organization



- Which corporate level?
 - Group / BU / OE / etc.
- Which services reflected?
 - Payment, loans, etc.
- Level within process?
 - In silos or front to end etc.
- But based on which Definition?
- Etc.

9/2/2019 Source: UBS Evidence Lab

A.I. Barely Implemented in Finance – A Hype?

November 2018: The recent hype about emerging technologies such as A.I. sharply contrasts with today's business reality.

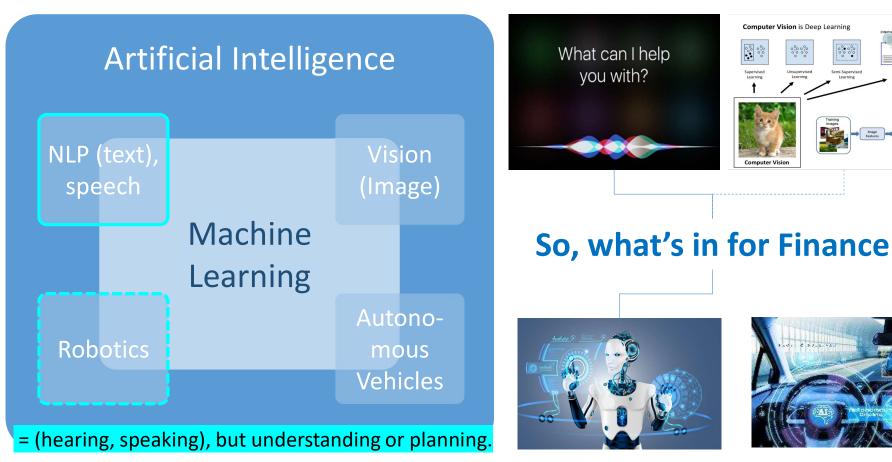
June 2019: "... We found a lot of boards didn't really understand A.I., and they were asked to make decisions about implementing A.I. ..."

Kay Firth-Butterfield, the WEF's machine learning chief.

A.I. in Finance – A Myth? A.I. Definitions: What can be Implemented in FS Industry?

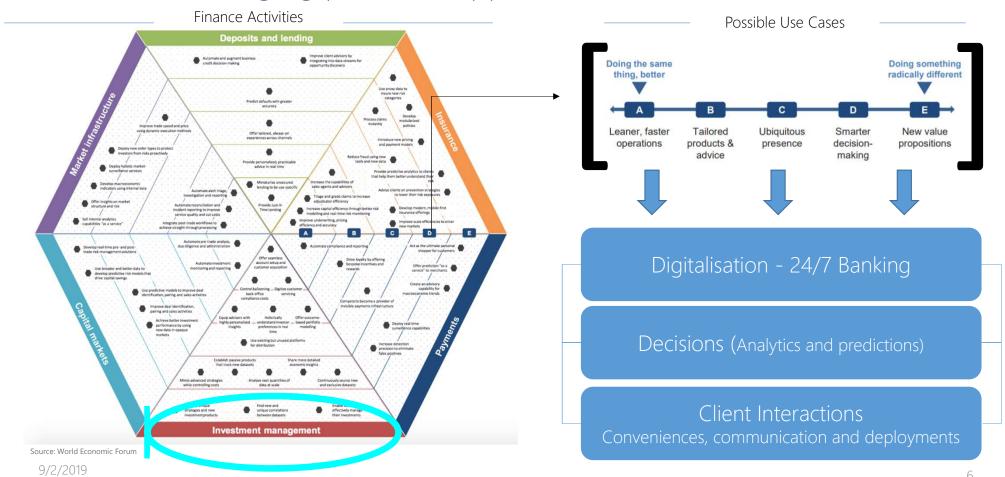
- Artificial Intelligence is defined as the theory and development of computer systems that perform tasks that normally require human intelligence such as hearing, speaking, understanding or planning. In A.I., algorithms enrich machines with cognitive functions in order to enable them to perceive their environment and turn inputs into actions. (PWC/UBS)
- The English Oxford Living Dictionary: "The theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decisionmaking, and translation between languages."

A.I. in Finance – A Myth? With A.I. in Finance, it is mainly Machine Learning



9/2/2019

ML has wide-ranging possible Applications (Source WEF & Deloitte)



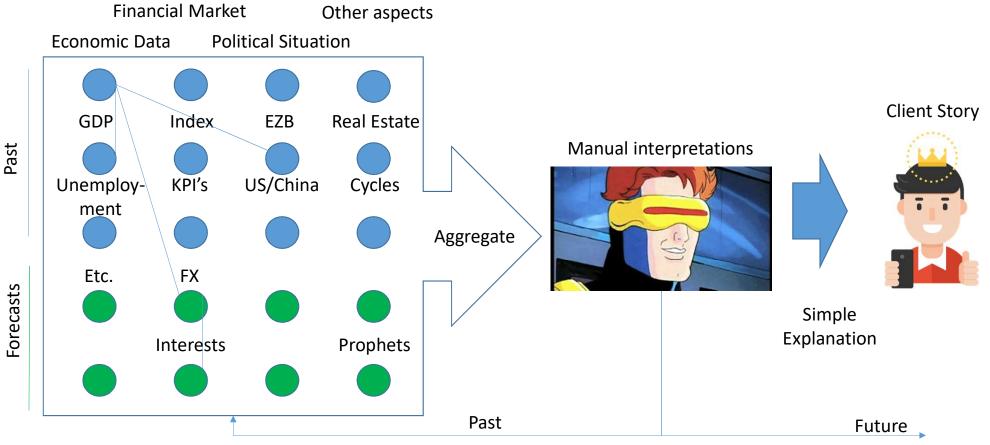
A.I. in Finance
A.I. Claims in 2018 by JPM

J.P.Morgan

Machines are best equipped to make trading decisions in the short and medium term!

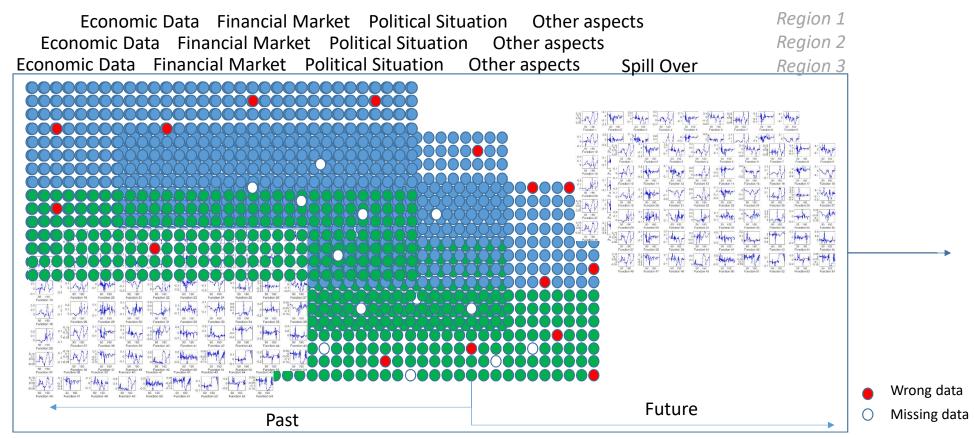
8/29/2019

A.I. in Finance New Field for ML, Example 1: Macro Market Analytics for Investment Decision



8/29/2019

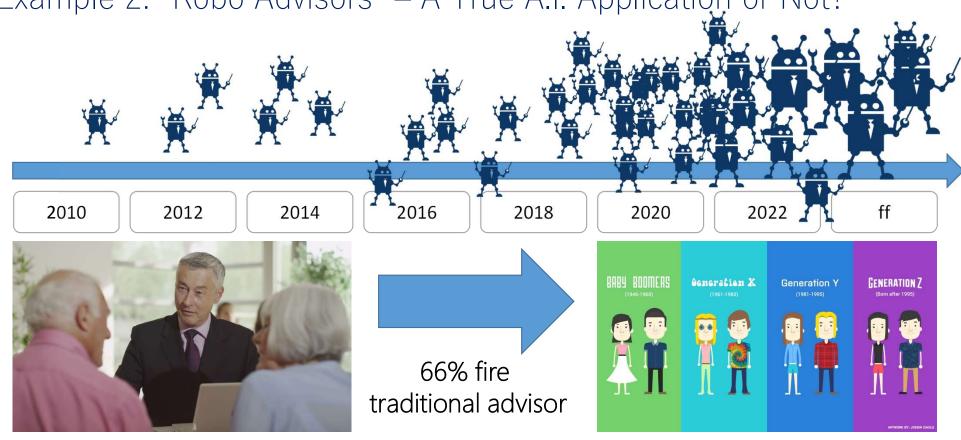
A.I. in Finance
Reality to Capture Markets for Decisions is Much More Complicated



8/29/2019

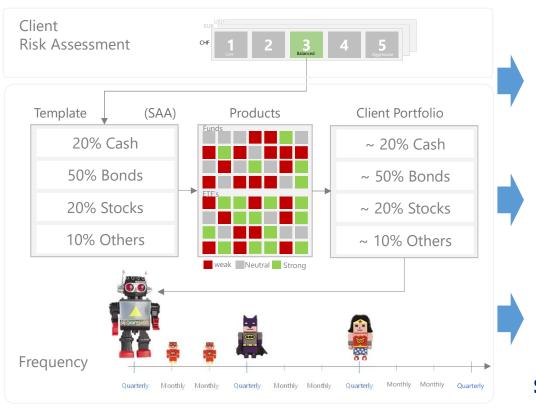


Example 2: "Robo Advisors" – A True A.I. Application or Not?



AAACCELL TRUSTED INNOVATION

A.I. in Finance Current Robo Advisors Are Mainly Static Matrices

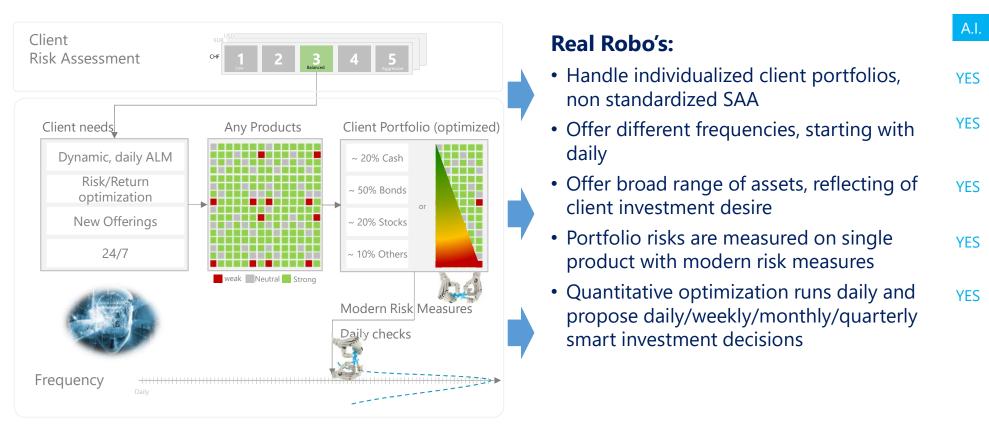


Current "Robo's" VS A.I./ML Apply standard SAA – Connectors not clear NO Offer mainly small investment universe, NO often funds and ETF's, no QR filter Results often underperform NO Portfolio risks are derived based on SAA NO Re-balancing is static based on SAA NO Advice is static NO Push-Messages often poor (simple) NO No/low quantifications included NO

So, WHY a complex method for a Simple Problem?

AAACCELL IBUSTED INNOVATION

A.I. Potential in Robo Advisory is Huge, but not yet Offered



MORE EXAMPLES



First A.I.-based Real Estate Fund by E. Rothschild & AAAccell



Edmond de Rothschild, which boasts €150 billion in assets under management, has inked its first deal for a property fund that uses artificial intelligence (AI) to identify investment targets across key European cities.

The investment firm's Smart Estate Fund made its first acquisition with an office building in Levallois-Perret, a suburb in the northwest of Paris.

Edmond de Rothschild is working with French company Valream to buy and redevelop the vacant building.

In a statement, Edmond de Rothschild said: "This building is set to become a company headquarters and will therefore fulfil the strategic requirements for a first class tenant."

Senior members of the Rothschild dynasty and directors of the Franco-Swiss private bank Edmond de Rothschild backed the launch of an Al-driven wealth management platform through its private equity division in April.

The firm said its AI system uses traditional research coupled with an algorithm developed by FinTech company AAAccell - the latter being a spin off from the University of Zurich.

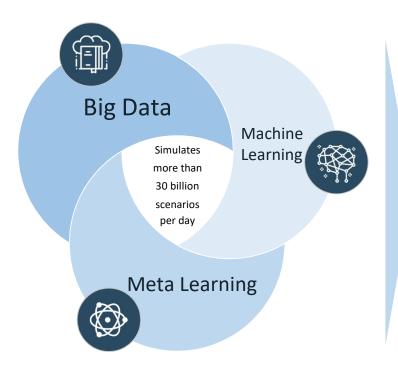
Methodology

The methodology is based on an analysis of thousands economic and demographic indicators using machine learning. The methodology diversifies by mixing artificial intelligence models and aims at supporting decisions by:

- using large amounts of data and complexity which are too large to handle for humans
- exhibiting no bias or prejudice the machine is programmed and tested
- Challenging the results using alternative estimation methods
- by challenging the results by a summary of classic recommendations of varying providers

First A.I.-based FX Hedging Platform by LPA & AAAccell





Continuous calibration



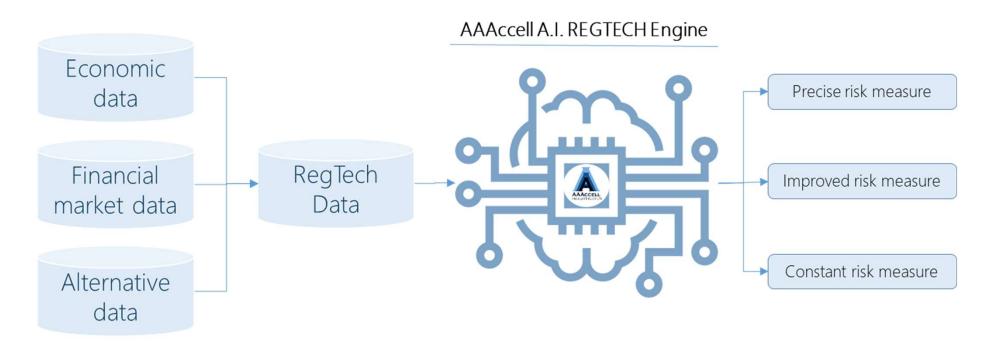
In partnership with





A.I. in Finance First A.I.-based RegTech PRIIPS tool by AAAccell (Global Top 100 RegTech Solution)

Pooling worldwide data on asset classes, market instruments and a wide variety of economic data. The engine was built on derivatives and combinations of tree-based machine learning as well as differential evolution optimization, using thousands of risk factors.



AAAccell: Trusted Innovation - http://www.aaaccell.ch/

Yes - Everywhere Possible, but still a long way to go

UBS and PWC:

- In the financial services industry, all domains and processes may be affected by A.I. from customer service and engagement to investment and trading, cyber risk and security, regulatory affairs and compliance, to operations such as recruiting, contract analysis or IT support and infrastructure management.
- However, the maturity curve has not yet reached its peak, and there are still many years to enterprise readiness in most areas of A.I..

9/2/2019

AAACCELL PRISTED INA OVATION

A.I. in Finance Summary Remarks

Not engaging with A.I. is a High Risk Approach! With A.I., companies:

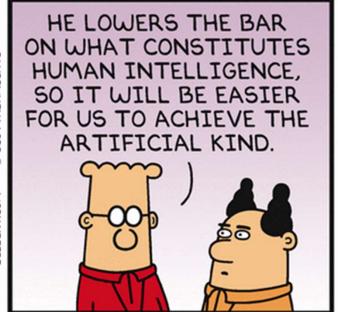
- Better analysing large data for Analytics and Predictions
- Ability to offer active reactive and client centric tools rather than passive processes
- Move from Passive to Generative to Intuitive Advice
- Ability for digitalisation, 24/7, full automation (100% STP)
- Enter into the "Augmented Age"

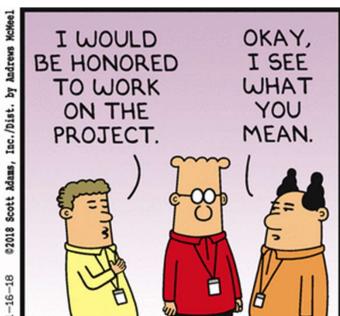
But we are at the beginning and it is tough (overestimating, bias development, data, etc.)

The Use of A.I. in Banking is Set to Explode

A.I. in Finance Good Old Dilbert.com







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