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## Integrating psychology and big data for emotionally smarter investment

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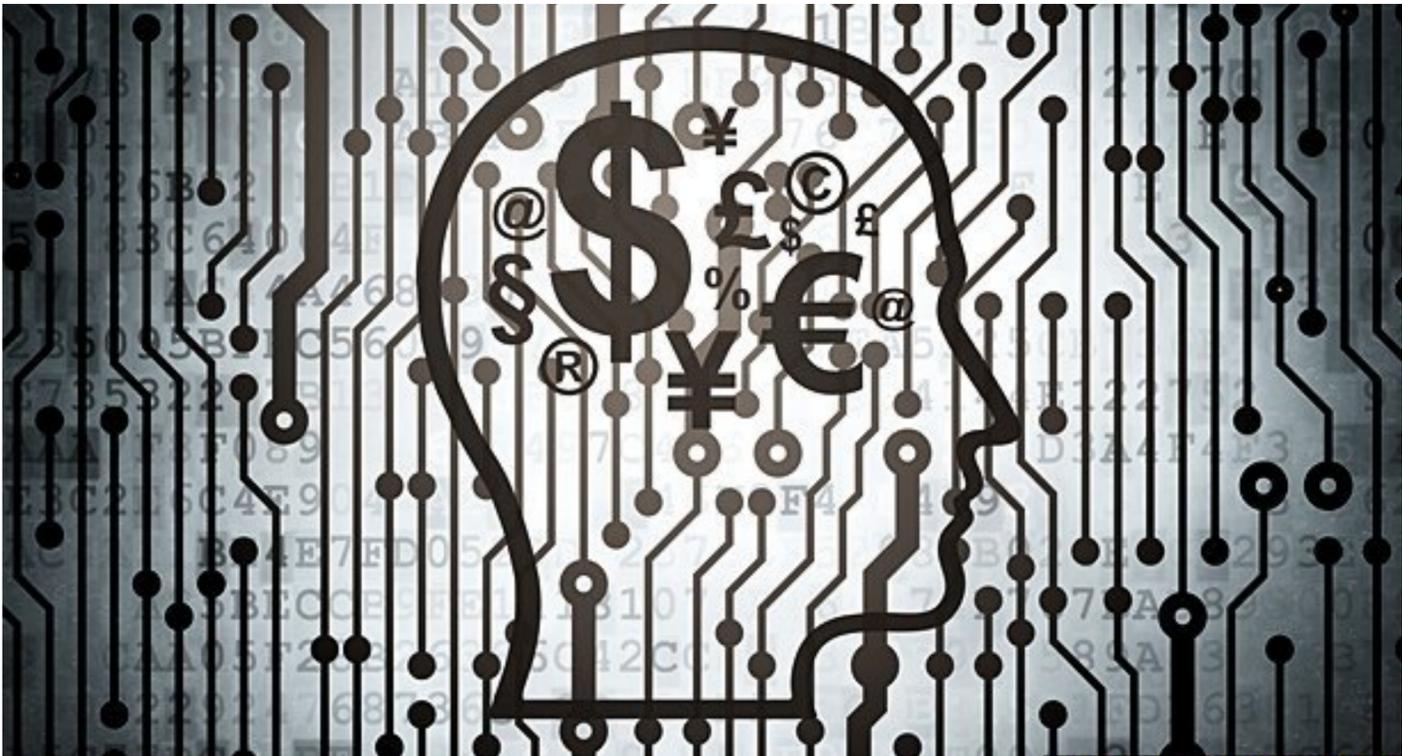
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# Integrating psychology and big data for emotionally smarter investment

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**Claudia Pagliari**  
Programme Director, MSc in Global eHealth at The Uni...



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The use of psychological theories to understand and predict financial markets isn't new, but sophisticated techniques are evolving that integrate computational and social intelligence to help engineer-out emotionality from human trades and engineer it in to automated ones. This BBC article describes a current breed of IT companies plying their trade in behavioural finance and the ways in which intelligent systems are helping to augment human decision making, through highlighting cognitive and affective biases, whilst enabling algorithm-driven systems to cope with volatile and atypical market conditions, where speculation based on fuzzy predictors akin to hunches and hope might be more useful. Through co-learning between software and humans, underpinned by big data, a 'social machine for finance' is arguably emerging.\* Whether it helps to improve market ethics, as the article speculates, is an open question.

*Article: The tech helping investors ignore their emotions by Daniel Thomas*

<http://www.bbc.co.uk/news/business-31913220>

\*See <http://sociam.org>



Tagged in: [psychology](#), [decision making](#), [big data](#)



**Claudia Pagliari**  
Programme Director, MSc in Global eHealth at The University of Edinburgh  
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M.D. of EEE

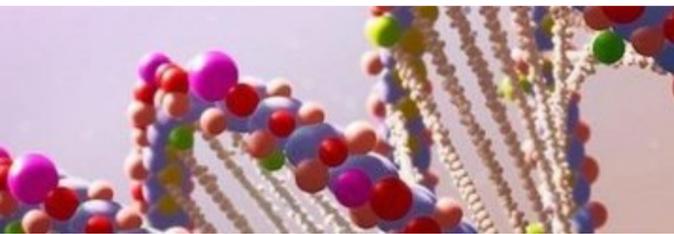
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Big data - ever since Motorola developed 6sigma for process control, business has used it as one way to control their production variables to eliminate waste.

Data mining and the human race - well it might give true health indications for some populations to healthcare professionals, but the underlying social issues wrt stats gathered without human interaction needs inves... See more

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