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What do we mean when we say "fighting fire with fire" in the fields of crimefighting and security?

https://mils.page/2023/03/22/squaring-theneed-for-us-to-fight-crime-creatively-in-thecontext-of-inspectorial-it-tech-architectures/

- There are different types of fire and each serve a purpose: some keep us warm and others destroy
- But all of them serve a purpose
- And most of them can, with forethought and intelligence, be channelled to good purpose

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- Today I want to talk about three types of fire we should make work together, in order to fight crime more creatively in ways that hyper-criminals already use
- I define hyper-criminals in terms of the types of crime they commit:
- https://betterbizmecouk.files.wordpress.c om/2023/02/ppt-neo-terrorism-andwestern-liberal-democracy-omiwan-02032022-v3.pdf
- https://crimehunch.com/neocrime

https://mils.page/2023/03/22/squaring-theneed-for-us-to-fight-crime-creatively-in-thecontext-of-inspectorial-it-tech-architectures/

- The first type of fire involves the only way current IT-tech philosophies are really comfortable with
- The second two are halves of a different approach – entirely compatible the one to the other, but nevertheless differentiated in clear ways too
- And what's more, with the potential to become entirely compatible with existing IT-tech practice



- The approach which current IT-tech easily embraces uses outside-in, admin-controlled, inspectorial software and hardware architectures
- This means the often vulnerable and deeply personal processes which involve intuition and leaps of creative faith – for example, "crime hunches", if you like – are forestalled, inhibited and may never even get duly started
- In good people who fight crime with current architectures this is inevitable
- In bad people who make crime, this is clearly being circumvented



- The second approach is much more intuitive. Here, intuition – that is, in the context of crime and security what we may *choose* to call "hunches" – are datasets which some appear to have acquired a privileged ability to access
- Unfortunately, data science more generally doesn't consider such hunches and related to be datasets worth validating. There are very limited forms widely accessible in supportive and enabling ways of validating such thinking processes in mission-critical decision-making



Types of fire: how nonintuitive thinkers see intuition

- I'd hazard a guess that most people who use traditional datasets will sense what we might variously term intuition, arational thinking, high-level domain expertise, operational thinking without thinking, and gut-feeling as all being prone to becoming the fire the picture on the right represents: explosive, unreliable, easily provoked, and not to be taken at face value
- And they'd be right: at the moment, we have to take such thinking at face value because data science hasn't cared to develop systems which might duly validate it to everyone's satisfaction



Types of fire: how intuitive thinkers see *their* intuition

- For intuitive thinkers, meanwhile, intuition is a go-to place
- In crimefighting and security all the people I have asked have affirmed they could not survive without a sixth sense that protects not only their backs and those of the citizens they protect, but also the backs of the people they work alongside every day
- The detective who, when interrogating someone, knows they are telling an untruth ... to be proven correct months or years later after exhaustive, and sometimes exhausting, process
- Here, hunches are not an emotive thinking process. Their denial and lack of systemic validation may lead to emotional reactions

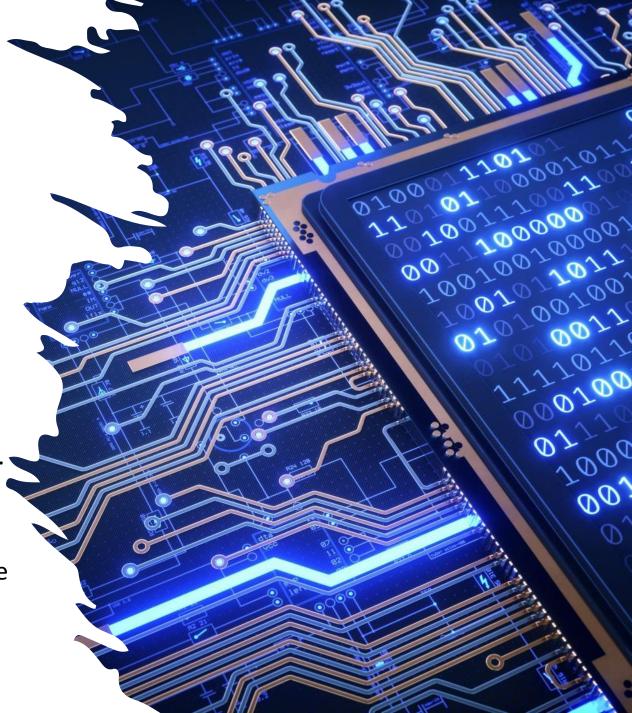
 but the reactions and emotions are NOT because the thinking processes themselves lead automatically in this direction





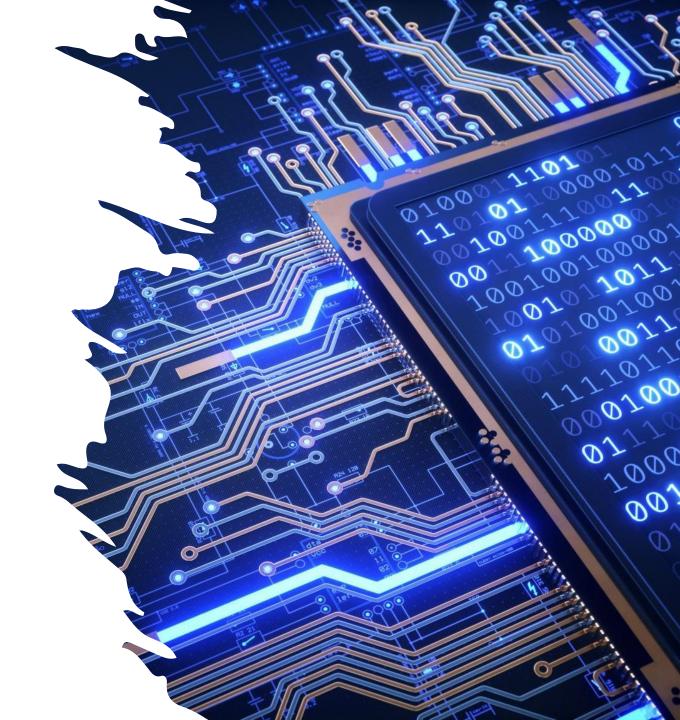
The problem is ...?

- Data science delivers the who and when of crimefighting and security with relative ease
- Al and related technologies make mistakes, but so do we all. The capacity of such systems to recognise patterns from the past in order to identify who next and when next is manifest
- The what and how are different matters, though.
 And the problem isn't that data science can't in theory predict a new what or a new how. This is a problem compared to human intuition and our ability to make leaps of faith which turn out to be correct. But it's not the main problem
- The main one is cultural



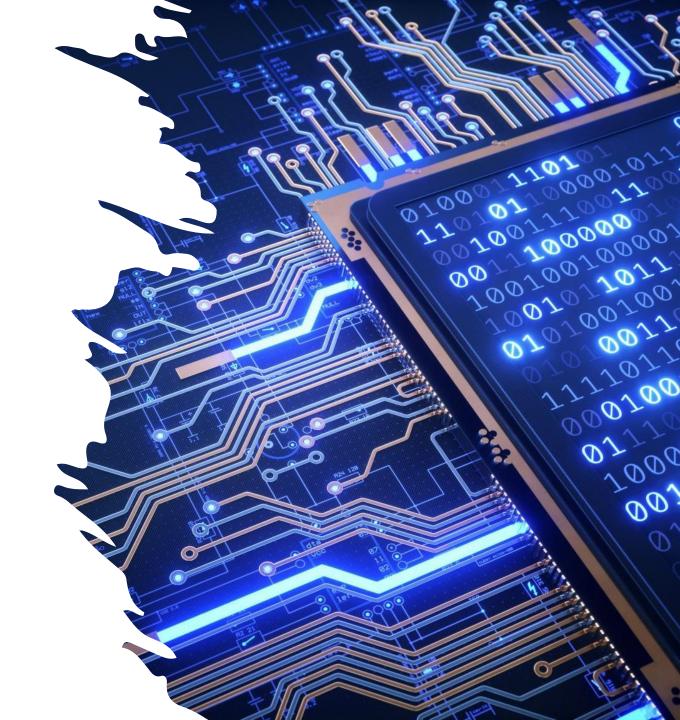
The problem is ...?

- Those who design validation systems:
- a) don't believe intuitive thought processes are datasets worthy of validation;
- b) yet they do believe that massive amounts of computing power can outdo the human capacity to make these creative leaps of faith I mention leaps like the detective who accurately predicts someone is lying, on the basis of some words or facial expressions made in a certain way, or not made ...



The problem is ...?

- This is why the problem is cultural
- Three types of brains need to know how to work together, in particular when it comes to taking final evidence-based decisions
- And the most powerful of these brains in 21st century society – the IT-tech brain – has been choosing not to work with the other types of mindsets and ways of approaching certain data. Ways that are clearly valuable, even to them – but not valued in equal measure because their science refuses to invest deeply in their proper and systemic validation



The solution constituting ...?

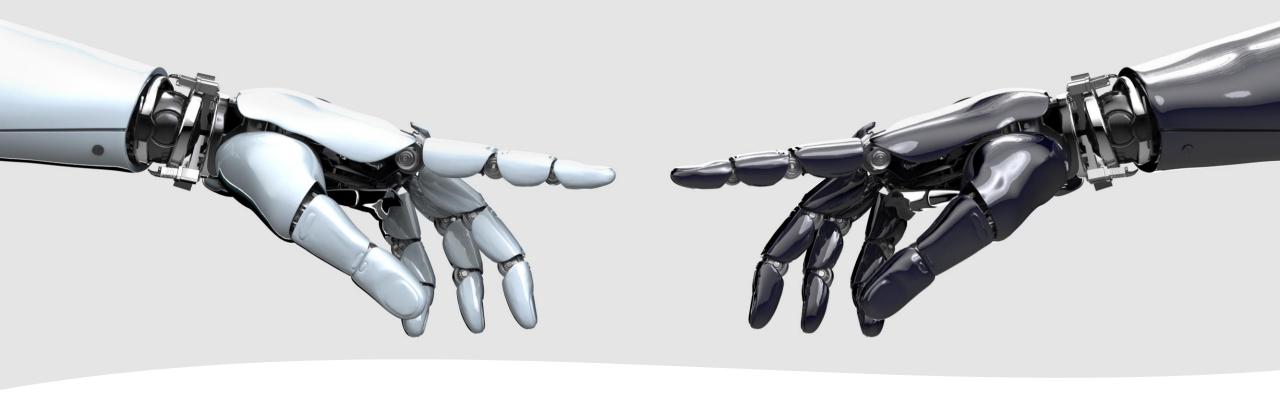
- To my mind, the solution doesn't primarily lie in inventing new technology
- Partly, it does lie in repurposing that is, innovating – existing technology, so it is kinder, more efficient, and more respectful of more vulnerable, but not lesser, ways of capturing and validating our perceptions of the world around us



The solution constituting ...?

- But mostly, IMHO, the solution requires us to create a process where three "types" of brain:
- a) find their natural element,
 connected wisely via intelligent habitats;
- b) intelligent and wisely because none of them force these parties to act in ways which constitute an anathema to their deepest professional beliefs and persons.





The three brains being ...? (i)

- What we might term an "IT-tech brain":
 - here, we favour systems where the data subject is just this: subjected to the system from a hierarchical and system point of view
 - it's mechanistic and requires, more often than not, that the privacy of the human becomes limited, and their secrecy non-existent: two aspects which I argue when present promote our desire to think much more freely, creatively, and unpredictably
 - the upside, however, is that we can penetrate literally so data relating to complex and even complicated problems



The three brains being ...? (ii and iii)

- What we might term with caveats and not literally a "male" intuitive brain. And what we might term – with equal circumspection – a "female" intuitive brain:
 - https://www.bbc.co.uk/science/humanbody/sex/articles/brain_sex.shtml
 - https://www.nih.gov/news-events/nih-research-matters/sex-differences-brain-anatomy



The three brains being ...?
(i, ii and iii)

None of this is to say that any of these three types of brains belong concretely to any gender: that is, to one person who selfdefines as one gender or another.

But — at least in my experience of "startup-land", "security lite", homelife, and friendships more widely, as well as the people who move in all these spheres — this differentiation of three types of brain, especially when mission-critical decisions have to be made, is useful in understanding how we might create processes that mean all three can have the piece of the cake they most like ... and yet continue to enjoy their meals of choice sitting at the same tables of the other two.



Proposed next steps (i)

Bring together three types of people:

- 1. Citizens who mostly feel comfortable in how IT-tech, automation, and current AI & related tools achieve their results, especially in the field of crimefighting & security, and in the identification of criminal intentions and specific timings of events.
- 2. Citizens who are particularly competent historically at facing extreme danger and resolving challenges to the nation's security and social fabric, using what we might term "hunches" and a "sixth sense".
- 3. Citizens who have demonstrated a capacity to think creatively and reflectively over time, but also in operational and mission-critical decision-making, when the reasons for a particular choice of action cannot be unpicked due to lack of time and must be implicitly trusted by colleagues.

Proposed next steps (ii)

With these three types of brains working together in a fomented trust and respect, we propose establishing a process – hopefully using both repurposed and innovated existing technologies such as AI and related – in order to create complementary but profoundly connected environments that enable the pursuit of what has been called historically "dark figure", and what I have termed for quite a while as "neo-crime":

• https://crimehunch.com/neocrime

That is, crimes and related loopholes which nevertheless cause deep societal harm, and are currently difficult to identify or pursue using our existing experiences and previous examples.

Proposed next steps (iii)

How might this look?

- Current IT-tech continues to pursue with its existing tools the "who" and "when" of crime and national security.
- 2. The "male" and "female" intuitive brains meanwhile which is to say those who freely gravitate to such ways of interacting with the world (not necessarily any gender in particular) then form part of a second connected process. That is, the pursuit and identification of the "new what" and "new how" of neo-crime and related loopholes.

Proposed next steps (iv)

This could be in two parts, but nevertheless intertwined. That is:

- repurposed and innovated technologies which support, enable, enhance and upskill our innate capacity as intuitive thinkers to think the worst of others in order to prevent their crimes before they can think the same ...
- and the best of us all, in order to deliver a much better world all round for every citizen, wherever they live now and into our collective future-present ...









