⚕ 🔬 🕵️ The £112-£147 billion due diligence challenge. For Dr Dawn Geatches, IUK KTM Mathematical Sciences

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By **Nick Ray Ball**

Monday – 13:20 GMT – February 17, 2025

Incomplete due to the ineligible project landmine, but it is worth reading, it will be completed and sent as soon as I'm happy with Sienna Ai.net

Hi Dawn, please follow this link to continue the narrative past the email I sent you.

Dear Dawn,

Thank you for the critique of the video. I made it myself using Descript while **lying on my back and using only my left arm.**

There are three parts (Labour's missions - NHS problems – GP-AI solution), and taking your advice about timing, I've divided the video into three parts. **I have created this sub-5-minute video that is directly in your line of experience. Mathematics:**

⚕ 🔬 GP AI Gatekeeper Part 1 – Labour's 5 Missions and the £112 to £147 Billion Economic Gain.

https://youtu.be/ZPy64KrdwQc

I'm afraid that despite the general promises that one would get feedback from Innovate UK, you are the only person I've been able to speak to. So please, can we talk about the mathematics above? **I challenge you to try and find a problem in the mathematics that brings us to the £112 to £147 Billion Economic Gain forecast.**

You will see in the YouTube video and, messages that I'm sending to Sir Keir Starmer via https://contact.no10.gov.uk I have written:

On 14 February 2024, **Dr Dawn Geatche**s, the Knowledge Transfer Manager for **Mathematical Sciences** in the UK government's innovation department, **did not dispute** the GP-AI Gatekeeper's forecast of **"a £112 to £147 billion annual boost to the UK economy."**

Whilst the above is true, you did not dispute the math I sent. I very much doubt you even looked at it. This is partially my fault for giving you too much information. I had, however, hoped to discuss it in a meeting.

So **can we please focus on the maths?** It's simple and well-explained in the attached document. The only area where I would critique myself is to say that the estimation of cost savings for the NHS, based on the analysis of cost savings for GP services and then using that percentage against the NHS budget, is relatively weak and should have a ± 25% qualifier.

To continue, follow this link. Or just **focus on trying to find any mathematical problem in my forecast**. Please could we **set up a meeting** so that you can allocate at least an hour to this?

Best Regards
Nick Ray Ball
Founder/Designer
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P.S.

This isn't a coincidence; I've been working on ways to use technology combined with macroeconomics for a long time. Take a look at this that I did in 2020. If you wanna get a feel for the mathematics (**Financial engineering**) behind economic AI, https://www.angeltheory.org/**S-RES** or see it a year later: https://www.nickrayball.com/#3__**$1039_Trillion_BASIC**, This was based on developing nations, and in August 2022, I realized how to adapt it to advanced economies. This is the story that will be told on SiennaAI.net, which will be open to the public in about a month. I'm not particularly interested in winning the competition; this is more of a way to showcase economic AI in a manner that is simple enough for people to understand one small part of it. You can see I began working on **S-RES back in 2012**.
Of course, back then it didn't include AI; it was the technology necessary to work with AI to run the US economy. I only began designing business systems with AI in 2016.

END OF EMAIL

Hi dawn, continuing here:

The trouble is, normal people don't realise the difference between 112 to 147,000,000 and 112 to 147 billion; they're both figures that are too large for most people to comprehend. Had it been the million, not billion, this really wouldn't be that important, but given that it is billion, it is important; I appreciate you're not used to economic math, but it's just the same as any other math.

What I hope to do is challenge UKRI in every department, from distribution (Everything it takes to make a sale) to economics and behavioural science to software design and AI. I will show my reasoning and ask anybody who has knowledge if they can try to dispute my findings. Noting that this is just less than 1% of the potential of Sienna AI in all fields of government and business, this is just a simple demonstration of its economic power.

I hope this will lead to everybody saying, "Well, actually, I can't dispute it, but chances are somebody else will in a different discipline, until the point where everybody can't dispute it, and then people go, "Ohh, right, OK, I see...

At that point coinciding with my next project for Innovate UK ⚛ 🕵 The £8.8 billion UKRI Problem. I will explain how to restructure UKRI around creating not lots of individual little projects, but one big interconnected project, and that is economic AI.

You must appreciate the government has absolutely no idea about how to connect economics and AI other than to throw money at it. The government needs to see something approved, but who will approve it? There is no agency for creating economic AI other than the innovation agency, and whilst it's not their specific mandate, it should be and can be.
I did send you a document last time that critiqued the terrible systems that you guys are using across the government. I could really radically improve things across all government software, and that can, of course, be used in business. That is the thing with economic AI; it is a combination of government and business.

I am not really overly hopeful because there are a lot of forced constraints, and bottlenecks across all governments. You never really see whether it's chronic inefficiency or corruption, but certainly, there are a lot of people who do not want to change.

For this reason, I am now really focusing on proving the case in the UK with what I've already done ⚛ 🕵️ The £8.8 billion UKRI Problem. I'm creating a presentation for economic AI on Sienna AI. For the first time, all the research since 2018 that has been hidden on private websites that the public cannot see is going to be exposed to the public, and I'm going to connect all of the dots looking at Angel Theory going back to American Butterfly and S-World.biz 2011.

However, I believe that ultimately, it will be much easier to convince Elon Musk and Donald Trump, as Elon Musk will comprehend it, and Donald Trump will particularly appreciate it due to the initial Economic Treaties American Butterfly 2012, using the UK Spotify 2024 model applied to a specific state in the USA.

I see the UK as an example of what should happen. However, the government is not equipped to understand my work, so I am preparing to contact Lee Marie Braswell at Peter Thiel's Founders Fund to connect with Elon Musk or, alternatively, through What Matters to John Doerr, who has numerous connections and is likely to appreciate my OKR software design.

At the same time, I'm going to try to reconnect with my friends from the Mandela and Sisulu families in the ANC in South Africa, because in 2005, as seen on my work permit application, it states, **"Nick Ball is one of the great future technologists of our country and we're lucky to have him."**

Explaining what transpired between 2011 and 2022 that hindered my progress in business while simultaneously focusing my attention on this economic AI concept is quite complex. This concept is being developed as a screenplay, and consequently, the videos are all part of a larger presentation, primarily intended for Michael Lewis. I hope he will be the one to write the book. Following that, there is certainly enough material for an international high-budget series, and ideally a film, which I aspire will launch Sienna AI in a manner akin to how The Social Network aided Facebook in its branding.

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I am writing about this for both a screenplay and my upcoming Innovate UK competition entry, which will be titled ⚛ 🕵️ The £8.8 billion UKRI Problem. This time, Sienna AI will showcase its flagship technology, S-Web 6 VC AI CMS, demonstrating how the government CMS used by Innovate UK and all other departments is woefully out of date.

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Lastly returning to the critique of the video which I thank you for
Although this took a week, my work in economic AI—a field that is yet to exist—represents 14 years of effort, following 10 years spent developing cloud business software, pioneering virtual technology, and learning tough lessons in business.

From: Dawn Geatches <dawn.geatches@iukbc.org.uk>
Sent: 14 February 2025 09:51
To: Nick@SiennaAI.net
Subject: Re: ⚕ ⚛ GP-AI Gatekeeper 2025 for Sir Keir Starmer et al.

Hello Nick,

Thank you for your email. I am well thanks and hope you are too.

Nick, I am way out of my depth here and am equipped with neither the knowledge nor the experience needed to address your questions and requests. I can critique the video if that's any use:

1. It's very slick and professional-looking and looks like it was made using AI -or at least the images and narrative voice give that impression
2. The story you tell is compelling and the density of information is impressive but it's also intimidating. This makes it difficult to maintain both focus and grasp of the main message/s
3. Some of the images of people in certain roles are clichéd
4. Often there are words on the screen overlapped by captions that repeat the same message

If you're wanting MPs to view the video, do you think they have the time capacity to view it and absorb the main message.

As for the Smart Grant applications, I have no sight of them and no knowledge of how far along the assessment process is.

In IUKBC we also don't have access to Ministers.

Sorry, but I don't know see how I can help you from this point onwards. You could try contacting people in the NHS to trial a smaller project.

Best wishes and good luck!
Dawn

Dr Dawn Geatches

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iuk-business-connect.org.uk