

AI Acceptance Across the Scientific Community: *My Thoughts*

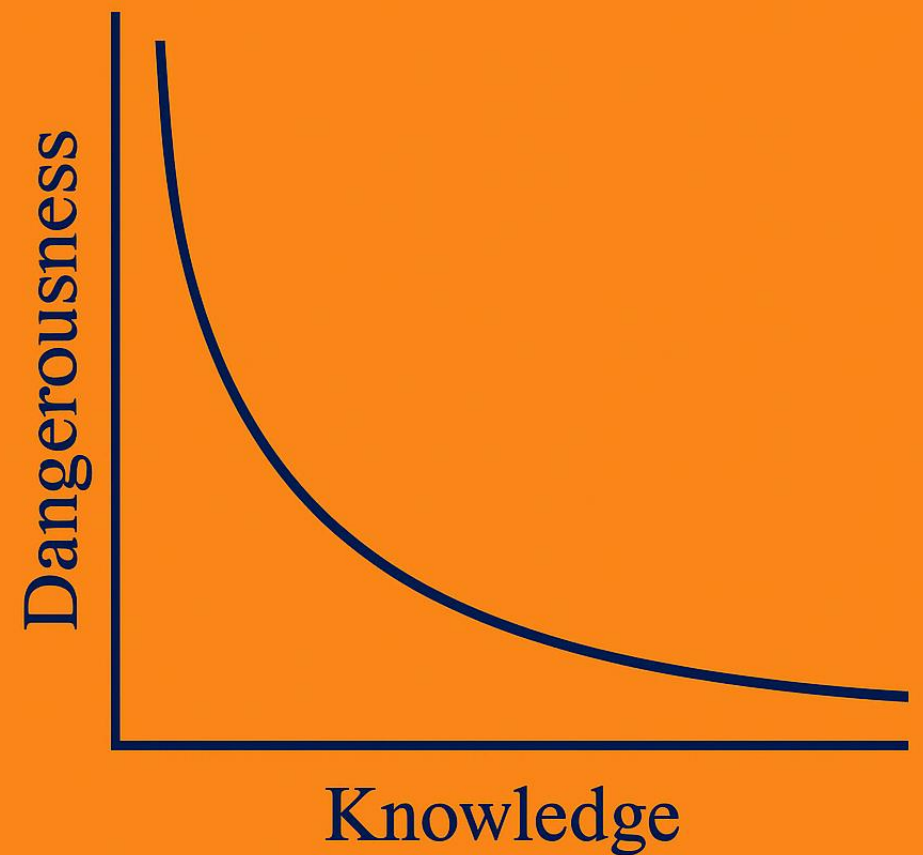
*Why so much skepticism toward AI?
What about precision medicine?*

Find here my thoughts,
and the reason I started this Instagram profile.

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The perceived and actual dangerousness of AI tools varies significantly with the user's AI-related knowledge.

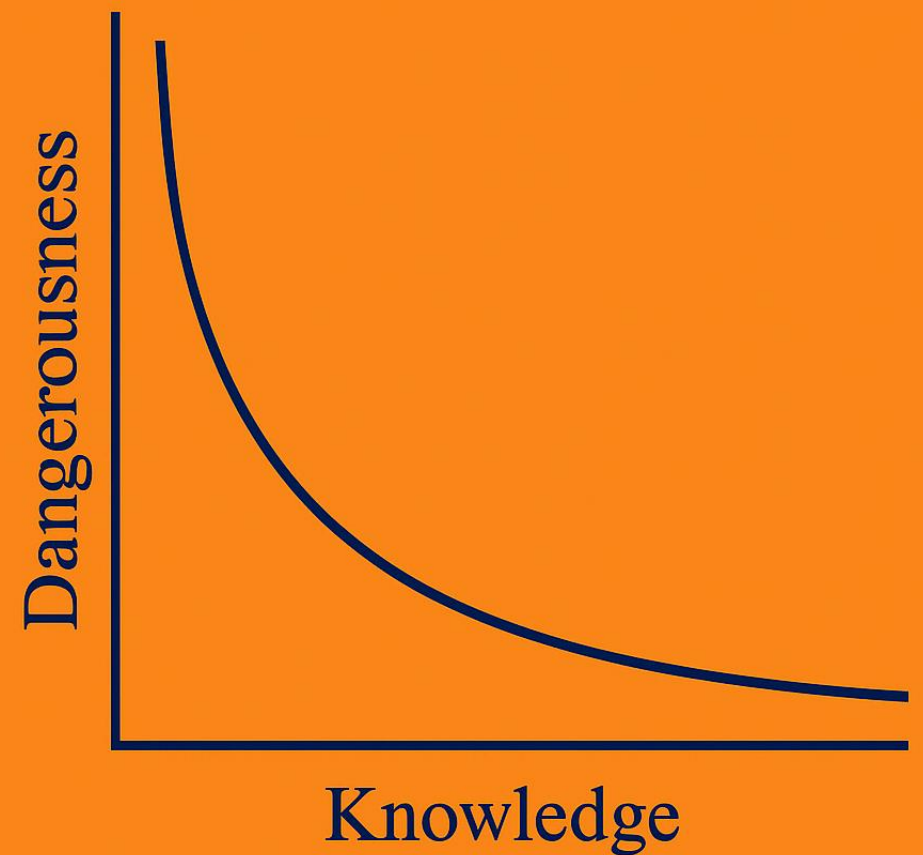
At the lowest levels of understanding, danger is high—not because the tools are inherently malicious, but because users tend to trust them blindly.



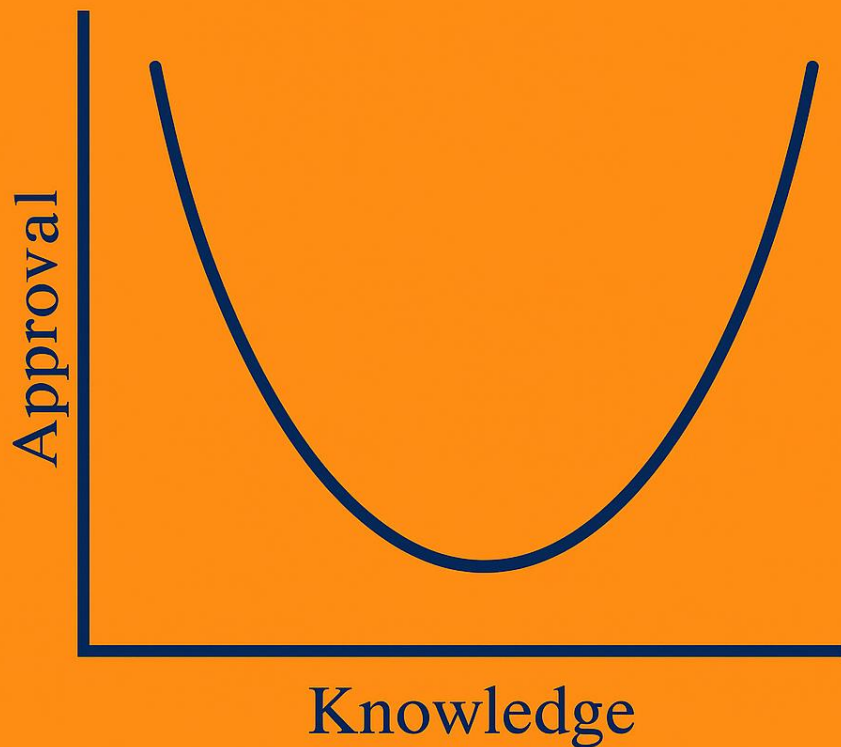
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Only at higher levels of expertise does the danger diminish substantially.

Experts understand not just how AI works, but **how and when to distrust it.**



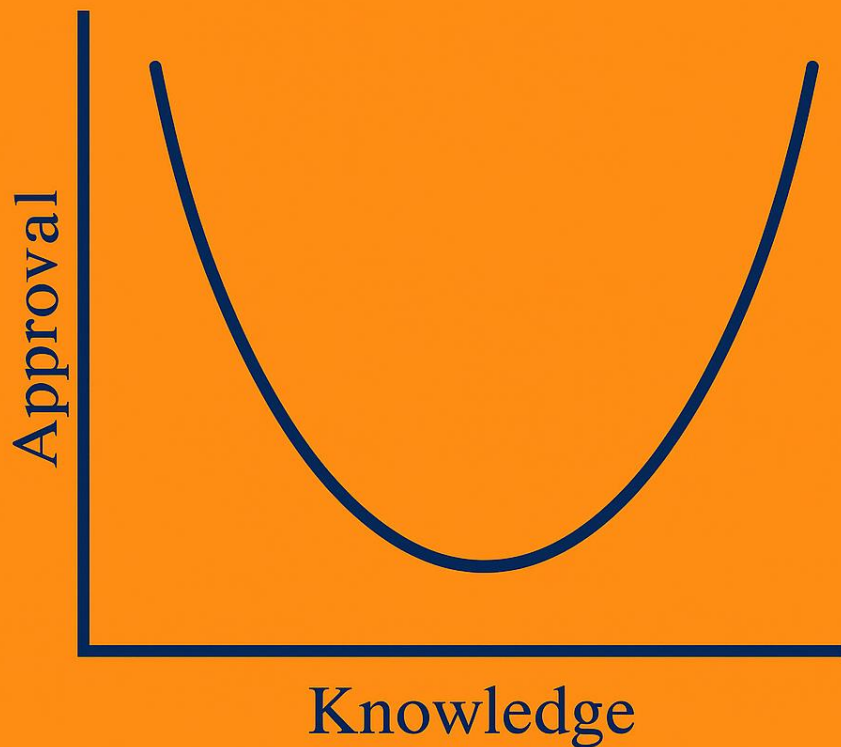
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The relationship between user approval of AI and their level of knowledge also follows a non-linear pattern.

At first, when users have little to no understanding of how AI works, approval is high, driven by the novelty and apparent intelligence of the tool.

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Approval tends to decline as users become aware of AI's limitations and potential pitfalls.

With further education and experience, approval rises again. This final rise is more mature: rooted in realistic expectations, effective usage, and awareness of **both the strengths and weaknesses of AI systems.**

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Uninformed regime:

Left side of our graphs, exhibit high approval driven primarily by surprise and awe. They believe every output without scrutiny. **Their use is risky, benefits are highly uncertain.**

Overconfidence regime:

Center of the graphs, decreased approval due to increased skepticism and a false sense of mastery. Users here **incorrectly believe they've fully grasped AI's capabilities.**

Realistic regime:

Right side, the optimal region. Users have developed a balanced understanding of AI's strengths and limitations. **The risk is substantially lower.**

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Solution:

Let's improve our AI-related knowledge together!