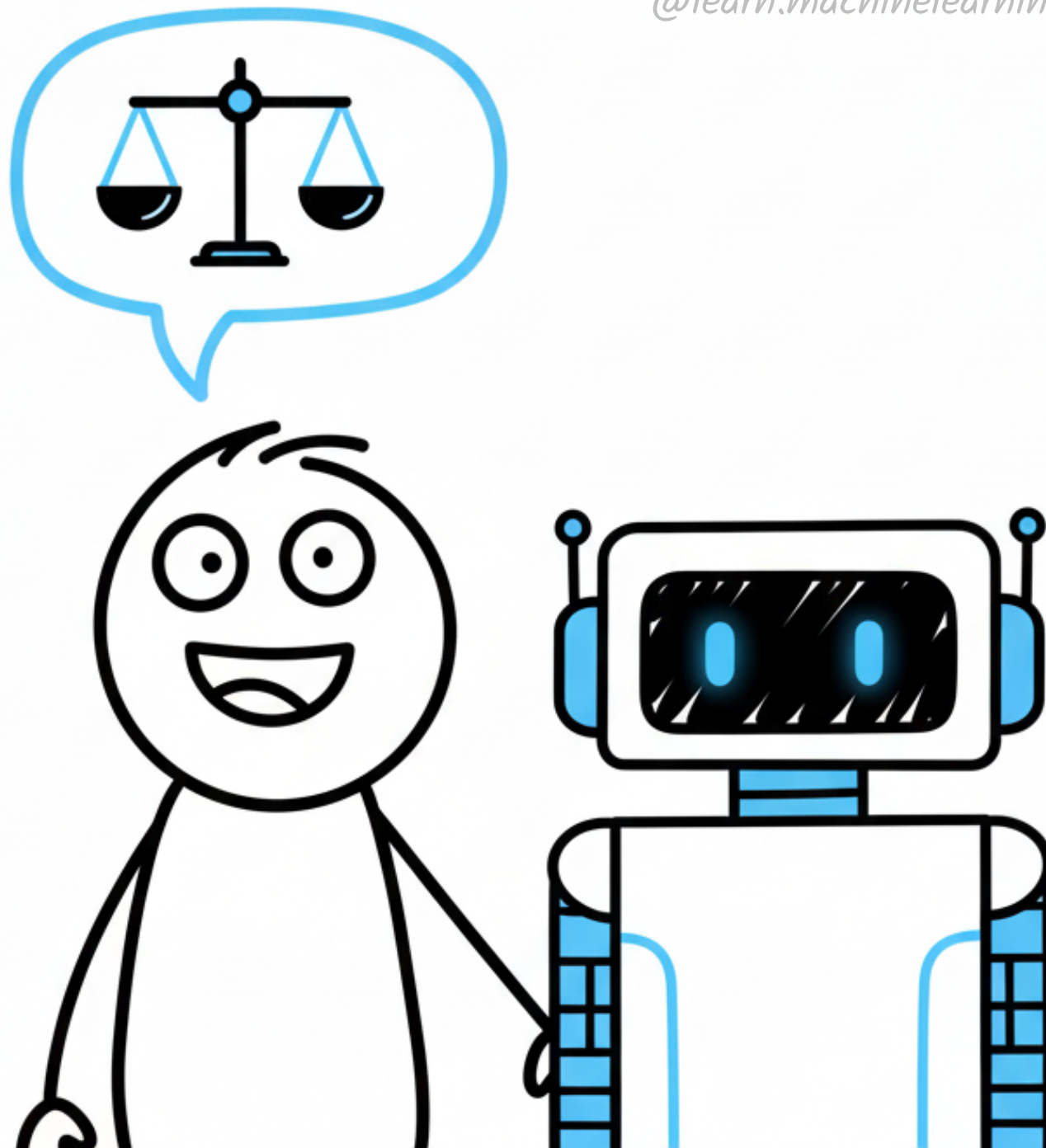


GENERATIVE AI SERIES: DAY 5

With Great Power Comes Responsibility!

Let's talk about the most important topic: Ethical AI. ?

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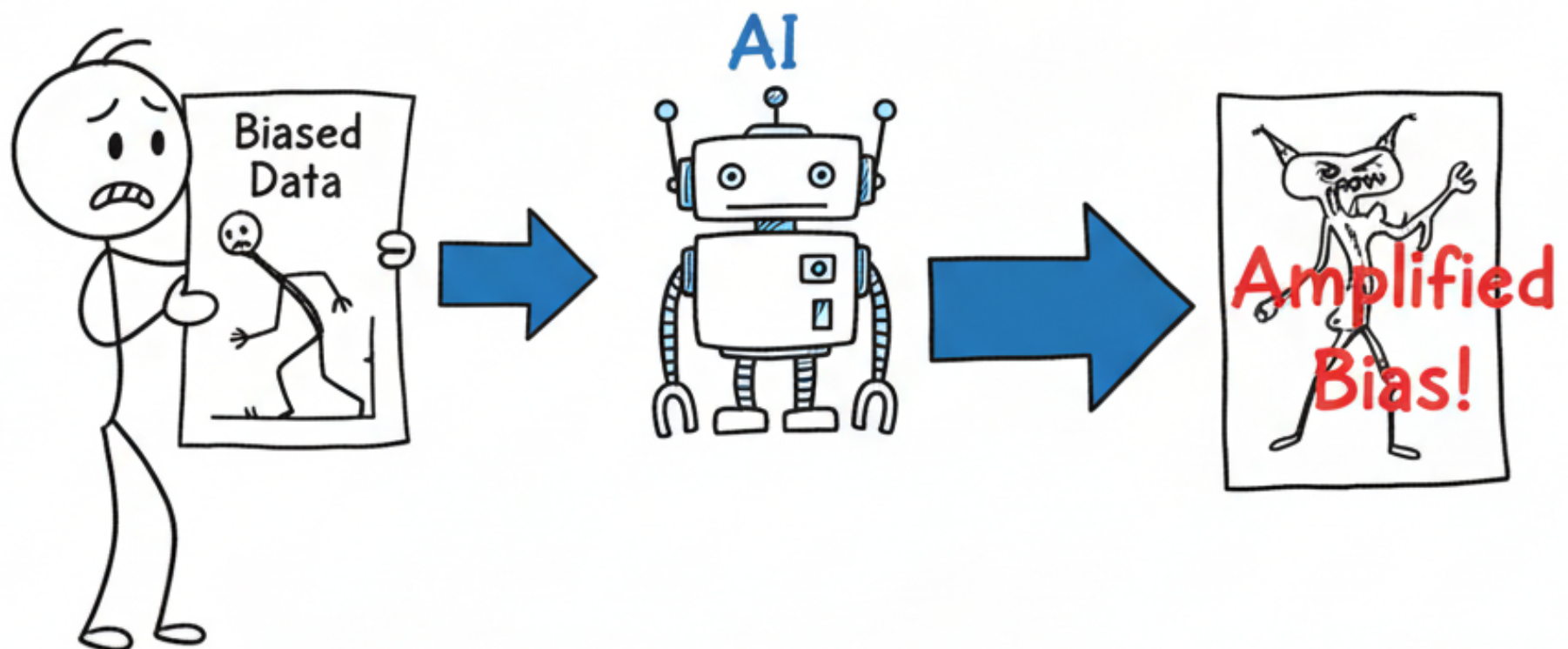


AI is a Mirror to Humanity

AI learns from data created by humans. If our data contains unfairness, stereotypes, or biases, the AI will learn and amplify them.

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The Golden Rule: Garbage In, Garbage Out.



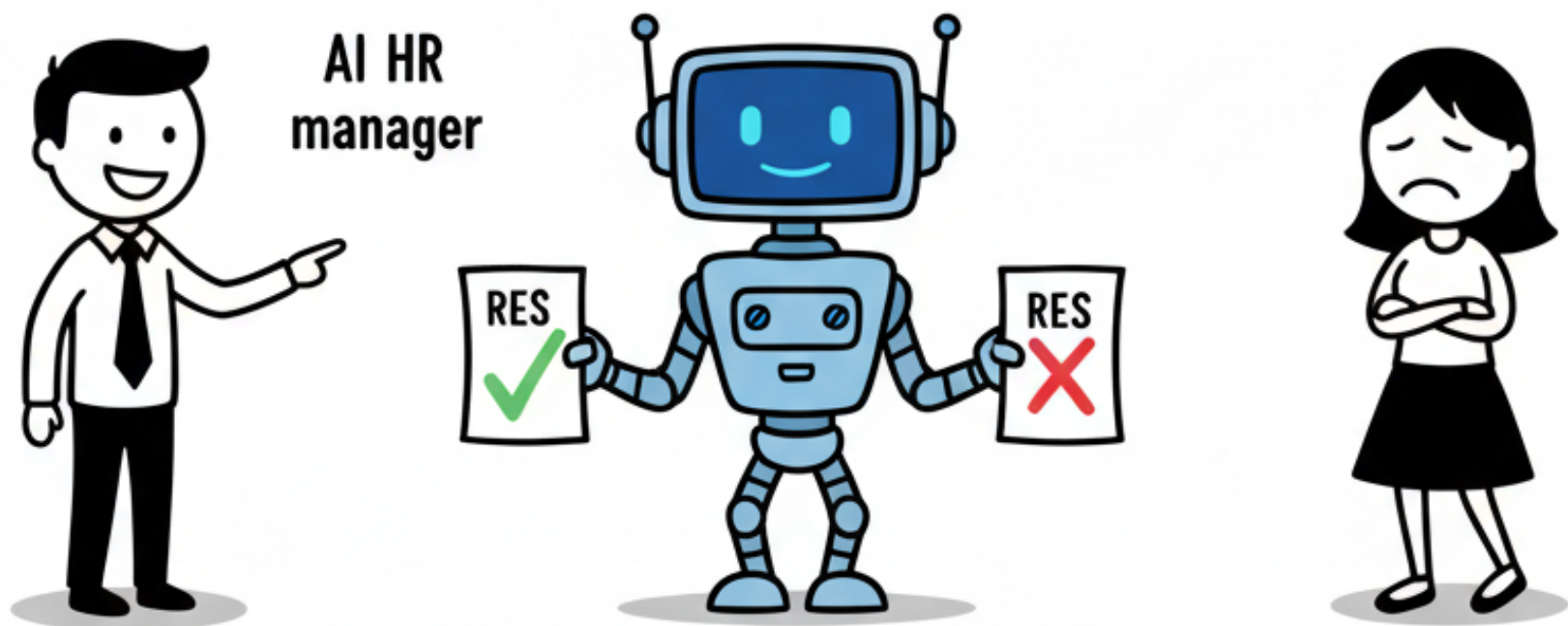
GENERATIVE AI SERIES: DAY 5

Major Challenge #1: Algorithmic Bias

- What if AI was trained on historical hiring data where mostly men hired for tech jobs?

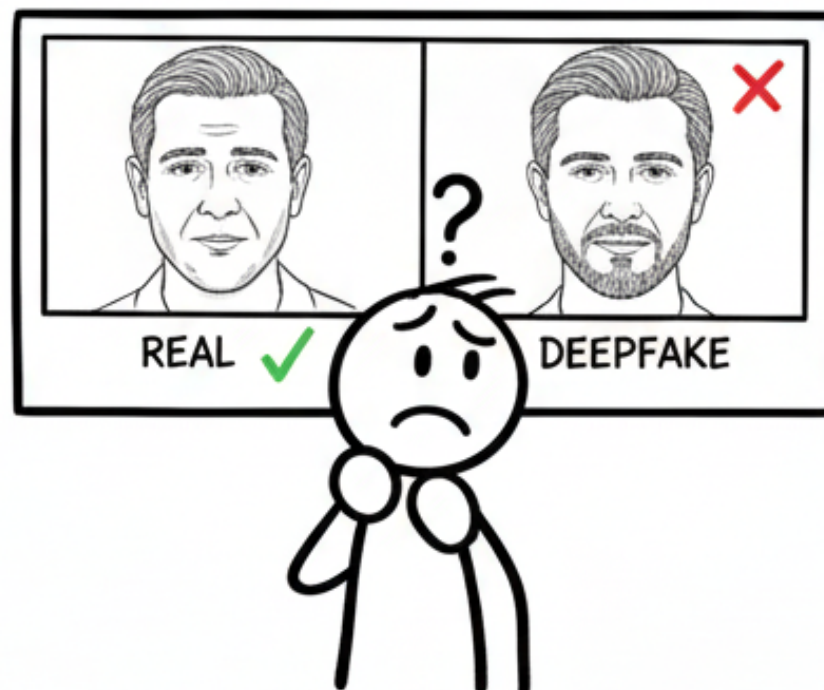
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- The AI might learn an unfair pattern and start favouring male candidates, even if female candidates are more qualified.
- This can create real-world harm and reinforce inequality.



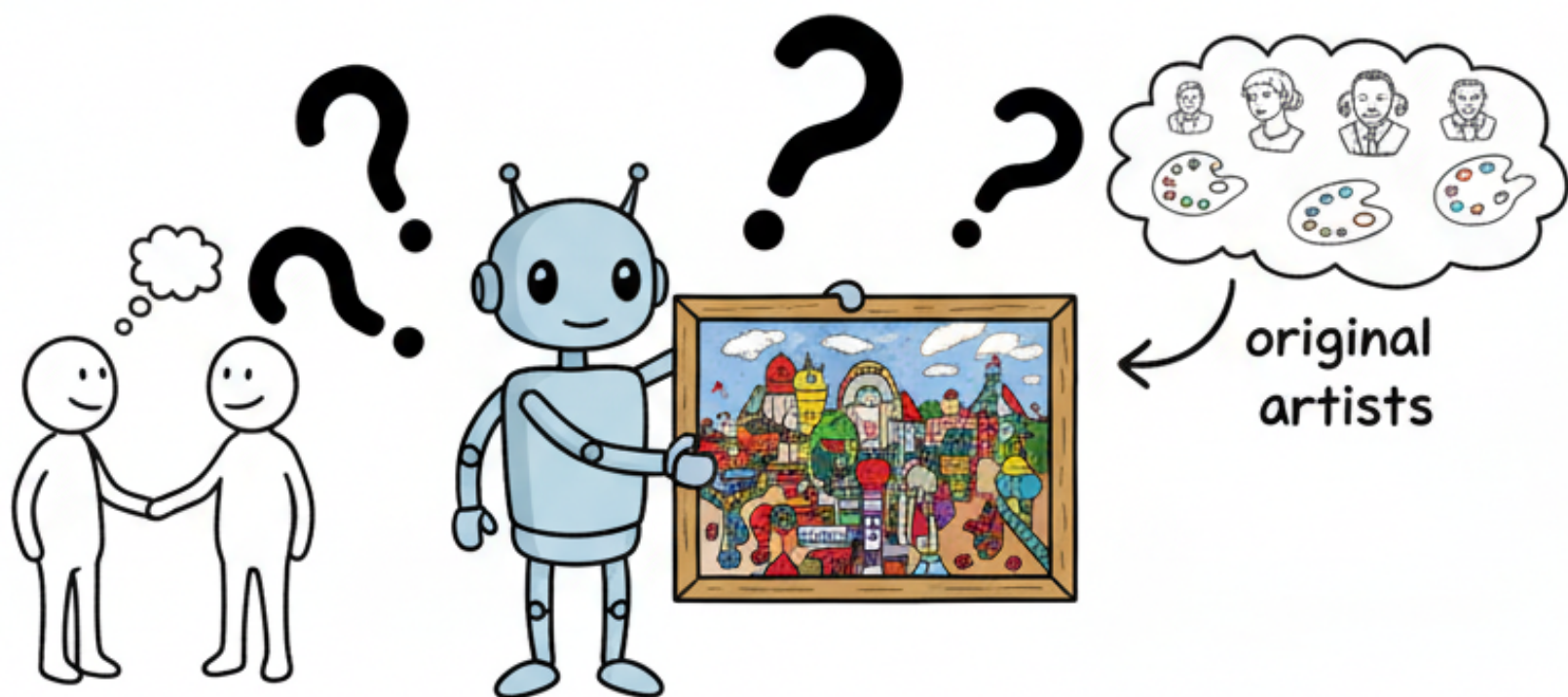
Major Challenge #2: Deepfakes & Misinformation

- Generative AI can create incredibly realistic fake images, videos, and audio (known as "deepfakes").
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- While fun for memes, this can be used to spread false information, create fake news, or impersonate people maliciously
- Key takeaway: Seeing is no longer always believing!



Major Challenge #3: Copyright & Creativity

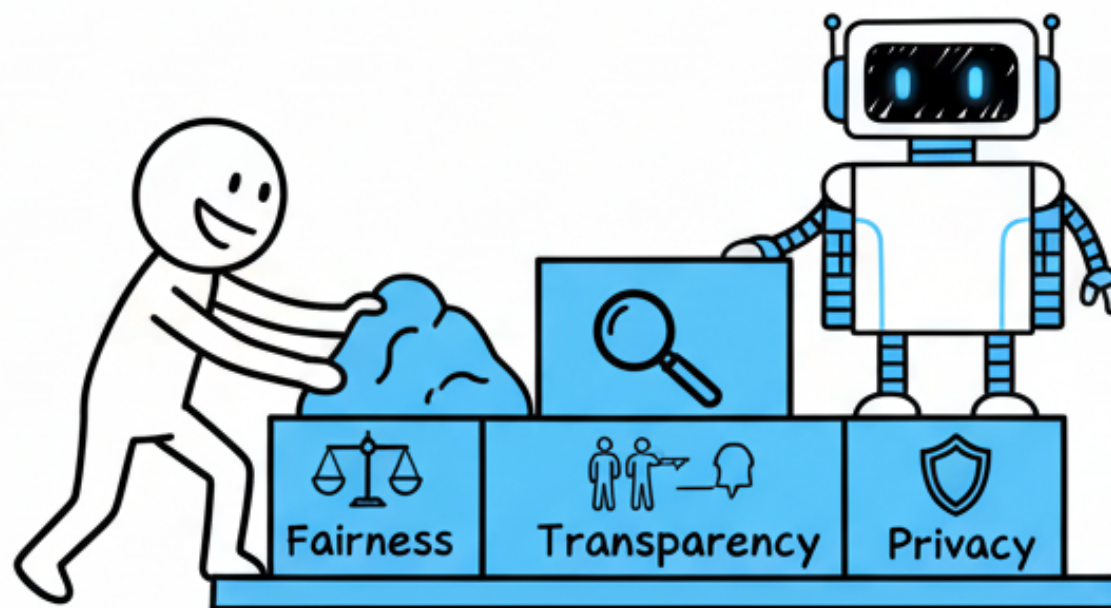
- If an AI creates a masterpiece after studying thousands of human artists, who owns art?
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- The user who wrote a prompt?
- The company that built AI?
- The original artists whose work it was trained on?
- These are new, complex legal and ethical questions we are still Figuring out!



So, What's The Solution?

Responsible AI!

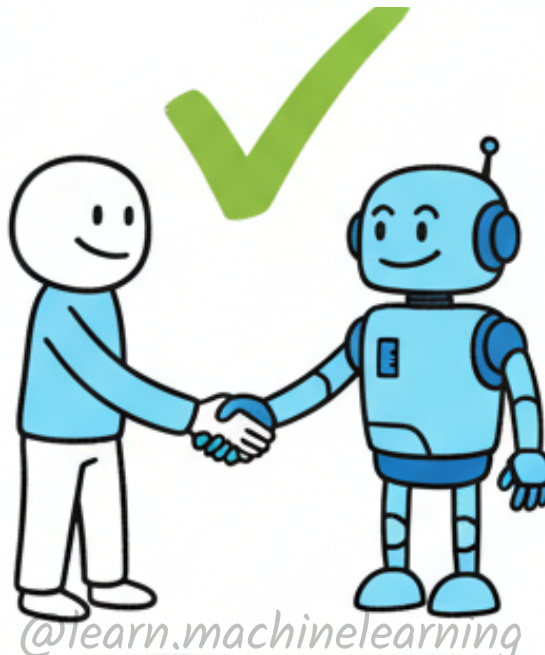
- The goal isn't to stop AI, but to develop it responsibly. This includes focusing on:
- **Fairness:** Actively checking for and correcting biases.
- **Transparency:** Being open about how AI models work and the data used on them.
- **Accountability:** Defining responsibility when AI makes a mistake.
- **Privacy:** Protecting user data and ensuring it's used ethically.



GENERATIVE AI SERIES: DAY 5

Day 5 Takeaway: AI is a Tool, Not a Moral Agent

- AI reflects values and data we give it. It's our collective responsibility as developers and users to build and use this powerful technology ethically and for the benefit of everyone.



Next Up: Day 6: Prompt Engineering – The Art of Talking to AI!

What's your biggest ethical concern about AI? Share your thoughts below. ↓

Follow @learn.machinelearning for the full series! ✨

SAVE this important discussion for future reference! ☆ 📌