



Hello, **AiMindScape** subscribers!

Are we in a tech bubble or just surfing on the waves of innovation? **Either way**, hold on to your hats! This week we're diving into an eerie feeling of *déjà vu*.

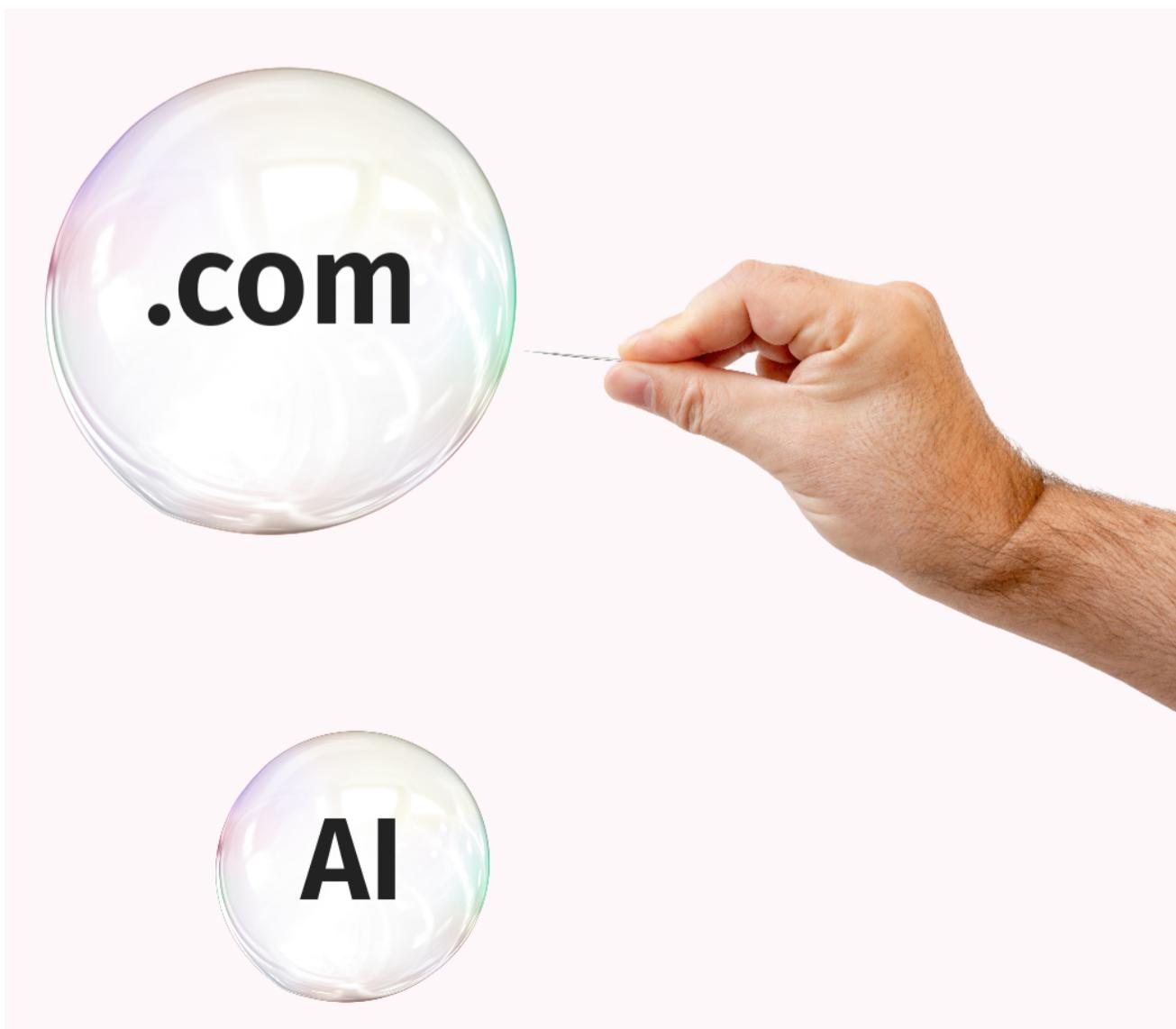
Companies merely mentioning AI in their earnings are seeing their share prices soar. Sounds familiar? Is this the dawn of a new era or just a bubble waiting to burst? Buckle up as we explore this intriguing world of AI investment and what it could mean for the future.

## Let's dive in!

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### **Bubble Trouble?**

AI Hype Echoes Dot-Com Era

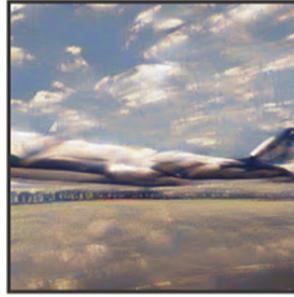


The exuberance surrounding artificial intelligence (AI) investments is giving some market veterans a sense of déjà vu. According to James Penny, chief investment officer of TAM Asset Management, the current AI hype is eerily similar to the early days of the **tech bubble** that burst in 2000, wiping out more than 70% of the Nasdaq. Companies are seeing their share prices boosted just by mentioning AI in their earnings, a trend that Penny likens to the dot-com era. The rapid influx of capital into AI has implications for tech-heavy ESG funds, and investors should tread carefully.

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## ***Mind-Reading***

### AI Mirrors Human Sight via Brain Scan

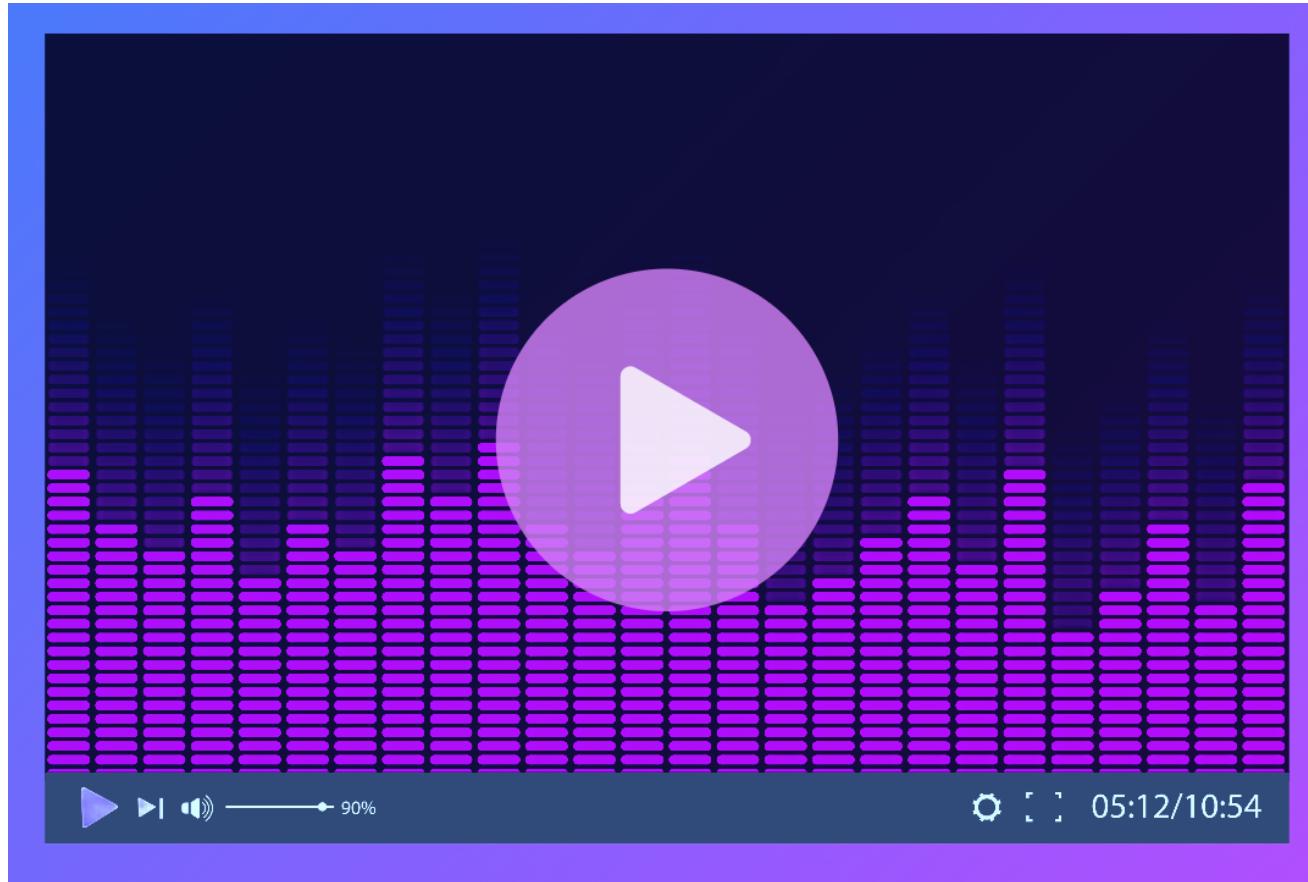


A new study demonstrates that AI can read **brain scans** and re-create largely realistic versions of images a person has seen. As this technology develops, researchers say, it could have numerous applications, from exploring how animal species perceive the world to perhaps one day recording human dreams and aiding communication in people with paralysis.

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## ***MusicGen***

### Meta's New Tune



Meta (formerly known as Facebook) has unveiled MusicGen, an AI-powered music generator that can turn text descriptions into 12 seconds of audio. Unlike Google, Meta has opted to open-source their new innovation, making it available for the public to use and modify. MusicGen is built on a Transformer model, similar to most language models in use today. It predicts the next segment of a piece of music in the same way a language model predicts the following letters in a sentence. The model uses Meta's EnCodec audio tokenizer to break down audio data into smaller pieces, resulting in a fast and efficient single-stage process.

You can try out [MusicGen](#) through the Hugging Face API or set up your own instance of the model for faster results. If you're tech-savvy, you can also download the code and run it manual. Compared to Google's MusicLM, MusicGen produces slightly superior results. The model comes in four sizes, ranging from small (300 million parameters) to large (3.3 billion parameters), with the larger model having the most potential for creating complex music.

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## **Salesforce Announces AI Cloud**

Trusted Generative AI



1. **A Guide to AI Cloud:** AI Cloud will enable sales reps to quickly auto-generate personalized emails tailored to their customer's needs. Salesforce research found that 73% of employees believe generative AI introduces new security risks. The Einstein GPT Trust Layer will help prevent large-language models (LLMs) from retaining sensitive customer data.
2. **Go deeper: AI Cloud delivers the future of trusted enterprise generative AI:** OpenAI is also making strides in ensuring the responsible use of AI by announcing plans to crowdsource regulations. This move signals their commitment to democratic inputs into AI policy-making.
3. **Unleashing an AI Revolution:** AI will likely fuel more than \$15 trillion in global economic growth and boost GDP by 26% by 2030\*. AI Cloud will harness the full power of Salesforce, helping make companies and employees more productive and efficient. Salesforce is developing optimized AI prompts that use harmonized data to ground generated outputs in every company's unique context.

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## ***Military + AI***

An Unstoppable Duo?



Recently, **Uncle Sam** launched a major initiative promoting global cooperation on the responsible use of AI and autonomous weapons by militaries. With the potential advent of fully autonomous fighting robots, this is an effort to impose some order on a rapidly emerging battlefield technology.

The initiative, encapsulated in a 12-point U.S. declaration, emphasizes that military uses of AI must be consistent with international law. It calls for maintaining human control and involvement for all actions, especially those concerning nuclear weapons employment. Talk about a futuristic version of checks and balances.

## ***Ground Zero***

### **Ukraine**



Underlining the international urgency around AI and autonomous weapons, a whopping 60 nations, including big hitters like the U.S. and China, issued a call for action at the Hague conference. The message? Broad cooperation is needed in the development and responsible use of military AI.

With the ongoing conflict in Ukraine, the likelihood of drones being used to independently identify, select, and attack targets is increasing. As Ukraine already possesses semi-autonomous attack drones and counter-drone weapons powered by AI, the next step could be fully autonomous killer drones. However, no nation has yet confirmed the use of combat robots that have operated entirely autonomously

## ♦ AI Tool Spotlight ♦

*Podcastle*



**Podcastle** is an innovative online tool that incorporates AI capabilities into audio recording and editing. This platform helps users create clear, super-smooth audio recordings that sound as though they've been professionally edited. It automates tasks such as cleaning up messy sounds and creating transcripts, making it an invaluable tool for podcasters, content creators, or anyone looking to create high-quality audio content.

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## Signing Off For The Week

And that's a wrap for this week's AIMindScape newsletter.

Here's a little tech humor to light up your day: *Why don't programmers like nature? It has too many bugs!*

See you next Thursday for another round of exciting AI and tech insights. Until then, keep your mindscape open to the endless possibilities of AI!

With bytes of love,

Best,  
AIMindScape Team

