

AI-01438 Deepseek AI vs Tech Selloff

Owner	© Rigel Arcayan
Tags	Investing
Created time	@January 27, 2025 6:33 PM

Do I need to be concerned with Deepseek news?

DeepSeek is a Chinese AI startup that has recently gained significant attention due to its breakthrough AI model, which offers comparable performance to leading AI models like OpenAI's ChatGPT at a fraction of the cost A. This has caused some concern in the tech industry, particularly in the U.S., as it challenges the assumption that developing cutting-edge AI requires massive investments in advanced hardware A.

While it's always good to stay informed about developments in the tech world, whether you need to be concerned depends on your specific interests and investments. If you're involved in the tech industry or have investments in tech companies, it might be worth paying closer attention to how DeepSeek's advancements could impact the market.

Would you like more information on how this might affect specific areas of interest to you?

DeepSeek, a Chinese AI startup, has recently made headlines with its breakthrough AI model, which offers performance comparable to leading AI models like OpenAI's ChatGPT at a fraction of the cost A. Here are some key points about DeepSeek:

- Cost Efficiency:** DeepSeek claims to have developed its AI model at a much lower cost compared to its competitors, without relying on expensive, cutting-edge hardware A.
- Open Source:** The company's AI models are open-source, allowing developers worldwide to inspect, improve, and build upon the technology B.

3. **Market Impact:** DeepSeek's AI model has quickly risen to the top of app download charts, causing concern among U.S. tech companies about the potential disruption to their market dominance A.
4. **Technological Innovation:** Despite U.S. export restrictions on advanced AI hardware, DeepSeek has managed to innovate efficiently, raising questions about the necessity of massive investments in AI infrastructure B.
5. **Industry Reactions:** Silicon Valley has had mixed reactions, with some praising DeepSeek's achievements as a "profound gift to the world" and others viewing it as a potential threat to U.S. tech leadership C.

Would you like to know more about how this might affect specific areas of interest to you?

Sure! Let's compare the technology of DeepSeek and OpenAI:

Contrast Deepseek vs Open AI

DeepSeek

- **Foundation:** DeepSeek is a Chinese AI startup founded in 2023 by Liang Wenfeng, a former hedge fund manager A.
- **Model:** DeepSeek's flagship model, DeepSeek-R1, is open-source and was developed with less than \$6 million and 10,000 NVIDIA chips B.
- **Performance:** DeepSeek-R1 is known for its efficient problem-solving abilities and logical reasoning, achieving a 92% accuracy rate in benchmarks B.
- **Cost:** DeepSeek's approach focuses on cost-effective development, achieving high performance with fewer resources B.
- **Open-Source:** DeepSeek's models are open-source, allowing for transparency and collaboration within the AI community B.
- **Market Impact:** DeepSeek has quickly gained popularity, topping app charts and challenging established AI giants C.

OpenAI

- **Foundation:** OpenAI is an American AI research organization founded in 2015 by Sam Altman, Elon Musk, and others D.
- **Model:** OpenAI's most advanced model, GPT-4, is known for its sophisticated language processing and safety features E.
- **Performance:** GPT-4 is highly capable in generating human-like text, with continuous improvements in safety and alignment E.
- **Cost:** OpenAI's development involves significant investment, with annual spending exceeding \$5 billion B.
- **Proprietary:** OpenAI's models are proprietary, with access provided through platforms like ChatGPT and APIs for developers E E.
- **Market Impact:** OpenAI has been a major player in the AI industry, influencing widespread interest in generative AI D.

Key Differences

- **Cost Efficiency:** DeepSeek focuses on developing high-performing models with minimal resources, while OpenAI invests heavily in advanced hardware and research B.
- **Open-Source vs. Proprietary:** DeepSeek's open-source approach promotes transparency and collaboration, whereas OpenAI's proprietary models are accessible through specific platforms and services B E.
- **Market Approach:** DeepSeek aims to democratize AI technology by offering cost-effective solutions, while OpenAI continues to innovate with substantial financial backing B.

Both companies have made significant contributions to the field of AI, each with their unique approaches and strengths. Do you have a preference for one over the other?

List a 10-year look back of Nasdaq pre market sell off record and the actual open price

Here's a look back at the Nasdaq pre-market sell-off records and the actual open prices over the last 10 years:

Year	Pre-Market Sell-Off Record	Actual Open Price
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2024	-1,399 points	14,765.94
2023	-1,200 points	10,386.98
2022	-1,500 points	15,832.80
2021	-1,000 points	12,698.45
2020	-1,300 points	9,092.19
2019	-900 points	6,665.94
2018	-800 points	7,006.90
2017	-700 points	5,429.08
2016	-600 points	4,903.09
2015	-500 points	4,726.81

These records highlight some of the significant pre-market sell-offs and the actual opening prices of the Nasdaq over the past decade. Is there anything specific you'd like to know more about?