Pixel Pulse Unplugged

Winter Edition Volume #1
January 5th 2025

```
const newsletter = {

techNews: "Latest Tech News", techTrends: "Popular Tech Trends", startups: "Spotlight on New Startups & Innovations", techHacks: "Tech Hacks to Make Life Easier", fun: "Tech Riddles & Quizzes", topPicks: "Our Top Tech Choices"
};

console.log(newsletter);
```

Tech Pulse

Hot news: Nvidia's market capitalization surged by over $2 trillion, reaching $3.28 trillion by year's end, positioning it as the world's second-most valuable company. This remarkable growth was driven by the escalating demand for AI-centric chips across various industries, solidifying Nvidia's leadership in the AI sector. The company's stock appreciated by 171% during the year, reflecting investor confidence in its AI innovations and market strategy. Nvidia's advancements in AI technology have significantly influenced its valuation, underscoring its pivotal role in the tech industry's future.

Next in Tech

In 2024, two prominent tech trends have captured widespread attention: AI-powered automation and quantum computing advancements. AI-driven tools, particularly in industries like healthcare, finance, and customer service, have streamlined operations and improved decision-making. These innovations have led to more personalized and efficient services. On the other hand, quantum computing has made significant strides, with companies demonstrating practical use cases for solving complex problems faster than traditional computers. This development promises breakthroughs in fields like cryptography, material science, and AI, signaling a new era of computational power.

Innovators Insight

In early 2025, KoBold Metals, a U.S. mining startup backed by Bill Gates and Jeff Bezos, secured $537 million in funding, raising its valuation to over $1 billion. The company leverages artificial intelligence to locate essential minerals like copper, lithium, and nickel, aiming to enhance efficiency and reduce reliance on Chinese supplies. This new investment will accelerate exploration efforts, including a major copper deposit in Zambia. KoBold's use of AI in resource discovery highlights the growing role of technology in revolutionizing the mining industry.

Tech Hacks

Quirky gadget: UPright GO 2,a wearable device attaches to your upper back and gently vibrates when you slouch, reminding you to sit or stand upright. It pairs with a smartphone app to track your posture over time. Helps to solve neck pain and back fatigue when working long hours.

Our Top Picks

How companies can use AI to find and close skill gaps -
By Brian Eastwood, MIT Sloan Management Review
https://mitsloan.mit.edu/ideas-made-to-matter/how-companies-can-use-ai-to-find-and-close-skills-gaps

Bill gates never left
By Ashley Stewart, business insider.
https://www.businessinsider.com/bill-gates-still-pulling-strings-microsoft-ai-copilot-chatgpt-2024-4

Sources

https://m.economictimes.com/tech/artificial-intelligence/nvidias-market-value-gets-2-trillion-boost-in-2024-on-ai-rally/articleshow/116881211.cms?utm_source=chatgpt.com

https://finance.yahoo.com/news/nvidia-skyrockets-171-2024-stock-122400412.html?utm_source=chatgpt.com

https://nypost.com/2025/01/01/business/bill-gates-jeff-bezos-backed-mining-startup-kobold-raises-537m/?utm_source=chatgpt.com