

Technology Bytes

Insider Tips To Make Your Business Run Faster,Easier & Be More Profitable



**AI WANTS TO
HELP US SHOP**
**ARE WE OKAY
WITH THAT?**

Exclusive For CEOs

**Protect
Your Business
This Holiday Season**



Learn More On Page: 2

You've probably noticed the little elf helping you around retail stores this year. No, it's not the teenager at the mall in red-and-white stockings and a felt green hat. It's AI.

Log in to Amazon, and you'll see suggested products like winter decorations, novels or toy recommendations for kids. Add that remote controlled car into your cart for your nephew, and you'll get recommendations for batteries and gift wrapping, too. This is no accident – generative AI uses your past purchases and recent searches to curate this personalized display. At the end of your shopping affair, you can share your experience, which is data fodder for AI to learn and improve your next shopping venture.

One in six shoppers use generative AI to inspire shopping decisions, according to a 2023 Salesforce survey. However, data by

SAP Emarsys report that barely more than half of consumers feel it positively impacts their online shopping experience. What is generative AI, and what does it mean for our holiday shopping – and our privacy?

What Is Generative AI?

Generative AI takes data (provided by humans) to create something new, like music, text, images or even personal shopping recommendations. Beyond simply following commands, generative AI can study existing data on the Internet to "think up" entirely new content.

How AI Is Used To Shop

Imagine hiring a personal shopper who also happens to have your entire Internet shopping history – searches, views, shopping carts, purchases and online interactions (including third-party data) – PLUS every product review and insight available online, handy in seconds.

"As a business owner, you don't have time to waste on technical and operational issues. That's where we shine! A true professional IT support team you can count on, available 24/7."



Bhavin Mehta, Fusion Factor Corporation
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What's Inside

Page 1

AI Wants To Help Us Shop!

Page 2

**Protect Your Business
This Holiday Season**

Page 3

**4 Ways To Get The Most Out
Of Our Work And Lives**

Page 4

Holiday Gift Guide

Thanks to this nearly endless supply of data, generative AI seeks to “help” consumers shop in multiple ways, including.

Creating A (Creepily) Personalized Shopping Experience: Generative AI can curate personalized shopping lists or recommend products based on an individual’s preferences by analyzing past behaviors and predicting future interests.

Providing Chatbots And Customer Support: Generative AI-driven chatbots can assist customers with queries, recommend products or help troubleshoot problems, often in a more sophisticated and human-like manner than traditional chatbots.

Improving Fraud Detection: AI can recognize and learn scammer behaviors using its predictive and deep learning capabilities. This helps payment platforms pinpoint problem purchases without impacting legitimate ones.

Cons And Privacy Concerns AI is only as good as its data. It’s not perfect, and there are some ethical and privacy concerns to be aware of, like:

Data Collection: For generative AI to offer a personalized experience, it requires data – lots of it. This could include shopping habits, product views, search queries, etc. The question is: How much data on consumers is too much, and where is it stored?

Implications For Business Owners: Opportunities And Responsibilities

There are several benefits for business owners who opt for AI to improve their customer’s experience. Personalized recommendations lead to longer site visits and potentially higher conversion rates. Automation via AI can streamline operations, particularly in customer support and product visualization.

However, you also have a responsibility to your customer’s privacy. Businesses must ensure they’re transparent about the data they collect and how they use it. This includes providing clear opt-in and opt-out options for consumers. Additionally, with the increased collection of consumer data, businesses have a heightened responsibility to protect that data from breaches and unauthorized access.

Be A Smart AI Shopper

It’s crucial that you understand the terms of service and privacy policies of online platforms. Know what data you’re sharing and with whom. Periodically check and manage the data permissions you’ve granted to different e-commerce platforms, and always secure your accounts with multifactor authentication.

Enjoy the benefits of AI recommendations, but diversify your sources of information and your shopping platforms. For example, you’ll want to verify AI-powered recommendations on other product review websites like Wirecutter or Consumer Reports.

Protect Your Business This Holiday Season

1. Update Your Systems Regularly

Ensure all software, operating systems, and security patches are up-to-date. Hackers often exploit vulnerabilities in outdated systems. Regular updates strengthen your defenses.

2. Educate Your Team

Train your employees on recognizing phishing emails, suspicious links, and social engineering tactics. The human element is often the weakest link in cybersecurity. Educated employees are your frontline defense.

3. Implement Multi-Factor Authentication (MFA)

Add an extra layer of security by enabling MFA wherever possible. This requires more than just a password to access accounts, making it significantly harder for unauthorized users to breach your systems.

4. Backup Your Data

Regularly back up critical business data and ensure backups are stored securely. Ransomware attacks are prevalent during the holidays, and having backups reduces the impact of potential data loss.

5. Monitor Your Systems

Deploy robust monitoring tools to detect unusual activity. Early detection can prevent a minor issue from turning into a major breach. Actively monitor networks, endpoints, and cloud environments.

Fusion Factor - Protecting Your Business, Protecting Your Future!

**For IT Security, contact us at: 760 (940) 4200 or visit:
www.fusionfactor.com/it-services/cyber-security/**



GADGET OF THE MONTH

Infinity Orb Levitating Speaker



This is not your mom's Bluetooth speaker. The Infinity Orb Levitating Speaker is a musical spectacle for lovers of design, sound and sci-fi. The speaker actually levitates and rotates above its base, creating a futuristic ambience in any space. It provides 360 degrees of clear audio you can control from your phone.

Beyond its acoustic capabilities, the Infinity Orb's gravity-defying feature is a real conversation starter! Whether for personal indulgence or a gift for a friend with a taste for the unconventional, the Infinity Orb is where technology and artistry meet the future. The Gadget Nerds gave it 8.5/10, and it earns 4.3 stars on Amazon.



JESSE ITZLER'S APPROACH TO FIGHT OFF COMPLACENCY AND MAKE 2024 THE BEST YEAR YET

After a handful of pull-ups, Jesse Itzler dropped down from the bar and, panting, said, "Okay, I'm done." In a spark of insanity or genius (you decide), Itzler had invited a Navy SEAL to live with him for 30 days. Step one was a fitness assessment – or so Itzler thought. After a few pull-ups, he was maxed out. He asked the SEAL, "What's next?"

"What's next?" the SEAL barked. "What's next is we're not leaving until you do 100 more." Itzler threw his hands up, saying, "That's impossible!" "I already know what your biggest problem is," the SEAL said. "The limitations you put on yourself are self-imposed."

Two hours later, Itzler did what he thought was impossible – 100 pull-ups. He asked himself, "If I'm underindexing by 100 pull-ups, what other areas in my life am I underindexing?"

It wasn't a physical endurance test the SEAL was running. It was a mental fitness test. After his 30-day experience with the SEAL, Itzler wrote a NYT bestselling book about his personal and professional transformation. Today, he travels nationwide helping others get the most out of their lives and careers.

Itzler asks us: What areas of our lives are we underperforming in because we BELIEVE we can't get any better? Our business? Relationships? Health? When was the last time you did something you loved, regardless of how busy you were at work or home? If you're not getting the most out of your life right now, you're not alone. Itzler shares four ways we can kick complacency out of our lives for good.

4 Ways To Get The Most Out Of Our Work And Lives
When Your Mind Tells You To Stop, Keep

Going This philosophy has many names: grit, persistence, perseverance or resilience. Itzler calls it the 40% rule. When your brain says, "I'm done," it means you're only at 40%. Our brains are biologically wired to stop when we experience discomfort, but we're more capable than we think.

Keep The Momentum

When you hit an important goal like closing a high-paying client, dropping 30 pounds or hitting a salary milestone, Itzler says that's precisely when you press on the gas pedal. Don't stop. Make a new goal: one more client, one more pound. When you create small wins, your momentum never stops.

Pressure Is A Privilege

As business leaders, we play for pressure. Pressure makes great things happen. If you don't have enough pressure on your shoulders, Itzler says, you need to put some on by doing what people expect PLUS the things they don't. Go the extra mile.

Self-Doubt Is The #1 Enemy Of Success

We put limits on ourselves because we doubt our abilities. The time is never "right," or we don't have enough experience. Itzler's approach is Ready. Fire. Aim. It'll never be the right time to start the business, ask the girl, run the race, etc. But do it anyway because, as Itzler reminds us:

This Holiday Season



**Secure Systems,
Train Teams,
Stay Vigilant!**

HOLIDAY GIFT GUIDE

Finding the perfect last-minute gift without compromising quality can be challenging. Here are five of our favorite tech-inspired gifts that are bound to leave an impression!

Aura Digital Photo Frame

Revamp an office or home with memories using this sleek digital frame. Users share photos from their phones directly to the frame over WiFi, no matter where they are. It's super simple to set up (gift givers can even set it up remotely so it's ready to go when it's opened), and the app includes free, unlimited photo storage. It's like a personal digital art gallery!

eQuinox 2 Telescope For Urban Astronomers

This telescope is perfect for hobby astronomers, bringing users closer than ever to the night sky, even in brightly lit cityscapes. It may not be cheap, but the ability to make deep-sky observations with no astronomy experience is priceless. Users can also collaborate on research with professional scientists via a Unistellar

Citizen Astronomer program. It's a stellar gift if you ask us!

Electric Skates By AtmosGear

Whether commuting or just out for a leisurely ride, users effortlessly roll up to 15 mph (20 mph with the Pro Pack) on these sleek electrified in-line skates. Riders control the speed with pocket-sized remote: speed up, slow down, brake – it's all at your fingertips. The coolest part? They recharge while you're skating. It's like the future on wheels!

Hasbro Selfie Series Customizable Action Figures

Make someone's childhood dream of being an action hero come true with the Hasbro Selfie Series that allows you to create a 6-inch super mini-me for only \$60. Put a new face on G.I. Joe (or Jane), "Power Rangers," "Ghostbusters," Marvel or "Star Wars" characters, and your friend or family member can become a character in their favorite story!

Mebak 3 Massage Gun: A Quiet And Effective Massage

You know those pesky knots and sore spots we get after working out (or, you know, trying the latest viral TikTok dance or sleeping in the wrong position)?



This gadget is a champ at sorting them out, especially on the shoulders and legs. It's like a mini-spa in your hand. The best part? It's practically whisper-quiet! No more feeling like you're in a construction zone while trying to relax. It's also handy and great for tossing in a bag when heading out for a round of golf or traveling. It's a fantastic little addition for anyone looking to expand their self-care toolkit.

