

# 5 TECHNOLOGY TRENDS TO LOOK FORWARD TO IN 2022

There's no stopping the freight train that is technology — a facet of human life that is continuously evolving. When a company rolls out a game-changing update to one of their flagship products, we might find ourselves already imagining what that device might be like the following year.

It's a new year, so let's look back at a couple of the biggest trends in technology in 2021 before we look forward to 2022.

## LOOKING BACK AT THE TECHNOLOGY TRENDS IN 2021

A lot of advancements in the digital world took place this year, but here are some that created sizeable waves of interest.

### • The Emergence of Internet of Behavior (IoB)

The Internet of Behavior, or more known as IoB, is an extension of the more traditional Internet of Things (IoT). By gathering data and information through wearable gadgets, users' online interests and other electrical devices that can be connected to the Internet, IoB reveals an analysis of these users' behavior and preferences. According to Gartner, IoB will be able to track the individual activities of 40% of people worldwide by 2023.<sup>1</sup>

### • The Future of Blockchain is in Good Hands

Blockchain has done an excellent job of constantly adapting to the changing times. According to the 2021 Global Blockchain Survey done by Deloitte, 76% of executives around the world believe that in the next ten years, digital assets will be viable alternatives for traditional currencies.<sup>2</sup> The emergence of non-fungible tokens (NFTs), digital identities, decentralized finance (DeFi) and Blockchain-as-a-Service (BaaS) characterized blockchain's growth in 2021.



## LOOKING FORWARD TO THE TECHNOLOGY TRENDS IN 2022

The year 2022 presents another time of revolution in the digital world, especially with these five trends in technology leading the charge.

### 1. Decision Intelligence

Decision intelligence is a new kind of business intelligence (BI) platform that brings in artificial intelligence, machine learning, social science and even managerial science to help people make smarter business decisions, according to Gartner.<sup>3</sup> Moreover, decision intelligence reduces biases, provides a wide array of options to solve a problem and presents decisions that are backed up by data and analytics.

### 2. Generative AI

If you want advanced technology to create new content based on existing images, text or audio, then you should tap into the magic of generative AI, which can be used in upscaling and restoring old films, generating life-like photographs of human faces, converting photos to emojis, converting texts to images and face aging.

### 3. Privacy-Enhancing Computation

Do you worry about protecting your personal information online? It's a good thing that privacy-enhancing computation (PEC) – a technology that specializes in protecting data – limits data sharing, which in turn protects information from being copied or attacked by hackers.

With PEC starting to emerge as one of the rising technology trends, acquiring top-class security for data and private information just got a bit easier. On the other hand, hackers will now find it more difficult to gain access to information without being granted permission.

### 4. Hyper-automation

What do you get when you mix and match the capabilities of machine learning, artificial intelligence, robotic process automation and other event-driven software architectures? You get hyper-automation, an advanced technology that helps automate a wide range of business and information technology processes. As such, it could be able to make an impact in the fields of insurance, banking, healthcare, manufacturing, life sciences and even in the public sector.

### 5. Cybersecurity Mesh

With many businesses and companies going digital post-pandemic, the need to secure their networks and online premises has also increased. One of today's trends in technology is the rise of cybersecurity mesh, which Gartner describes as a “flexible, composable architecture that integrates widely distributed and disparate security devices.”<sup>3</sup>

By deviating from the more traditional one-walled security or firewall, cybersecurity mesh provides a more specific and more responsive defense against potential cyber-attacks to protect a company's critical infrastructure and network, while also making use of the Internet of Things (IoT) tools.

## STAY IN LINE WITH TECHNOLOGY TRENDS

The evolution of tech trends won't stop anytime soon. If your career revolves around technology, continuing your education can help you keep up with advancements.

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<sup>1</sup> Gartner: <https://www.gartner.com/smarterwithgartner/gartner-top-strategic-predictions-for-2020-and-beyond>

<sup>2</sup> Deloitte: <https://www2.deloitte.com/us/en/insights/topics/understanding-blockchain-potential/global-blockchain-survey.html>

<sup>3</sup> Gartner: <https://www.gartner.com/en/information-technology/insights/top-technology-trends>

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