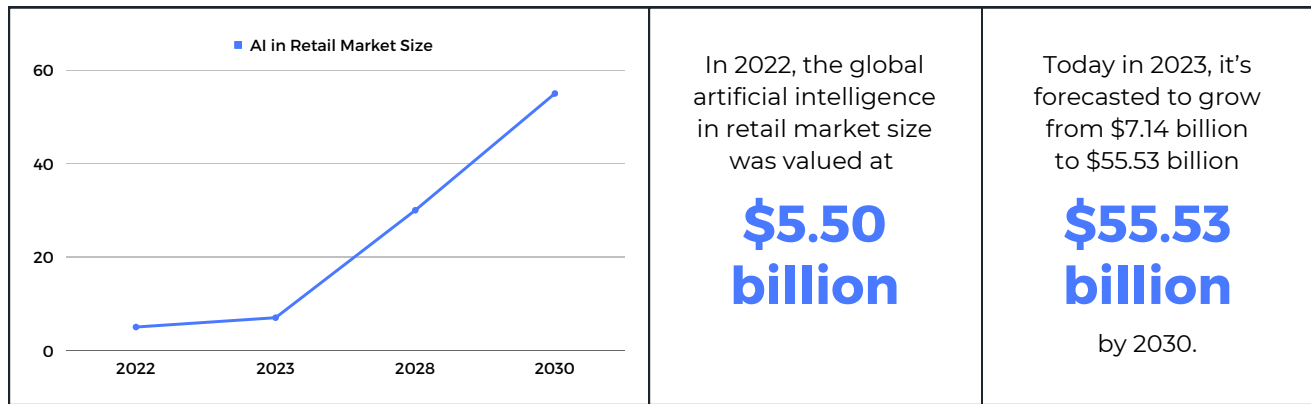




# A Glimpse into the Future: Autonomous Store Trends for 2024

The retail landscape is ever-evolving, especially as e-commerce grows and autonomous stores emerge as a game-changing concept. Both are revolutionizing the way we shop. Today's shoppers want convenient, personalized, and fast shopping experiences. But is the way we shop changing for the better or for the worse? There's only one surefire way to determine the answer—follow the top autonomous store trends that are set to dominate the retail industry in 2024 and beyond.

## AI-Powered Technologies in Retail Will Rise at a CAGR of 34.1%



Source: [Fortune Business Insights](#)

## Autonomous Stores Will Become Mainstream



“As of 2018, there were an estimated 350 stores in the world that offered a fully autonomous checkout process. The number of stores offering autonomous checkouts was forecast to grow substantially over the coming years, with 10,000 stores with autonomous checkouts anticipated by 2024.”

— [Statista](#)

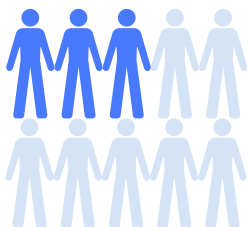


2024  
**10,000**  
autonomous stores

2023  
**7,250**  
autonomous stores

2018  
**350**  
autonomous stores

## The Demand for Computer Vision Will Increase



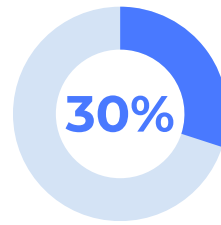
Approximately [30% of business leaders](#) reported seeing a **growing demand for computer vision solutions, such as object tracking and identification.**

Mercedes-Benz Stadium experienced a **240% increase in revenue** with AiFi's computer vision technology. With this dramatic business win, we expect the use of computer vision to rise in concessions at stadiums and other grab-and-go locations across the retail landscape.

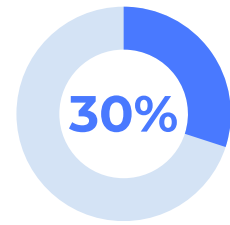
## Gen Z's Shopping Habits Will Require Retailers to Leverage In-Store Digital Tech

Millennials and Gen Z-ers have grown accustomed to personalized and easy shopping experiences. As a result, in-store shopping experiences will need to be altered to accommodate these new buying habits.

As a result, new technologies such as AI will streamline the shopping and checkout experience in brick-and-mortar stores.



of Gen Z's spend occurs through physical stores



of millennials' spend occurs through physical stores

Source: [Retail Dive](#)

## The Boom in AI Will Enable Personalization in Autonomous Shopping

AI examines consumer buying behaviors, past transactions, preferences, demographic information, and other pertinent data to offer tailored suggestions to individuals. This enhances the probability of them making a purchase and engaging with the brand on a more regular basis.

“It’s like e-commerce shopping, but within brick and mortar—we can collect customer data and track the customer journey at all the stages, which allows us to build advanced analytics, including sales funnel or advanced shopping history based on events. The data, combined with our mobile app, enable us to personalize communication, offer and even discount coupons to the customers.”

➔ **We expect the use of in-store personalization to be a key driver in autonomous store implementation in 2024.**



Paweł Grabowski, Head of Unmanned Solutions at Żabka Future

Source: [Sifted](#)

## Looking Forward to a More Convenient and Prosperous Future in Retail

The retail industry is on an exciting trajectory, with technology at its core, promising a future of more convenient, efficient, and tailored shopping experiences for consumers worldwide. AiFi is the leading AI provider empowering retailers worldwide to scale autonomous shopping solutions with camera-first technology and over 115 active autonomous stores worldwide. Let’s jump into the future of retail together.

[Get in touch with us](#) to get started.

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