

# Personalization as a Trend in the Sportswear Industry: Strategies for Enhancing Customer Loyalty

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**Abstract:** *The article examines the characteristics and role of personalization as a trend in the sportswear industry from the perspective of strategies for strengthening consumer loyalty. This sector is demonstrating a steady shift toward individualization, driven by changing consumer expectations, rapid advancements in digital technologies, and improvements in materials. The relevance of this topic is determined by increasing market competition and the growing necessity for brands to adapt their products to customer demands to boost sales. However, several unresolved issues remain in academic discourse, including the extent of personalized approaches' impact on companies' financial performance, the balance between individualization and production costs, and the long - term influence of such strategies on consumer preferences. The study aims to identify mechanisms through which customization in sportswear attracts and retains customers, as well as its role in shaping sustainable consumer behavior patterns. The analysis highlights key vectors of personalization: technological adaptation of materials, digital solutions for interactive product engagement, and individualized marketing strategies. The author's contribution lies in systematizing existing perspectives on personalization and providing recommendations for its optimization. Additionally, suggestions for future research directions are proposed. The findings will be of interest to marketing professionals, textile material developers, retail analysts, and researchers studying behavioral economics and digital technologies in the sports industry.*

**Keywords:** customization, loyalty, marketing, materials, personalization, sales, sportswear, technologies, digital solutions

## 1. Introduction

The modern sportswear market is characterized by rapidly evolving consumer expectations combined with increasing demands on brands. Personalized products reflect the unique style of each athlete. Collaboration and creative campaigns are key to attracting customers.

Approximately 80% of consumers prefer to own something one - of - a - kind. More than three - quarters of sportswear manufacturers have embraced customization, not merely responding to consumer preferences but leading the way [10]. This marks the beginning of a new era where personalization becomes a defining determinant.

The main challenge lies in the fact that traditional mass production models fail to fully meet the growing demand for individuality and product uniqueness. Consumers increasingly expect not just a standard product range but the ability to influence the design and functional characteristics of their purchases.

In this context, contemporary researchers seek to examine how customization serves as a key tool for attracting and retaining consumers while also impacting sales performance. The study aims to identify the correlation between the degree of personalization and consumer loyalty, which is particularly relevant for optimizing marketing strategies in a highly competitive environment.

## 2. Materials and Discussion

The literature and sources on the discussed topic cover various areas, including functional materials and technologies, the impact of customization on customer loyalty, market trends, statistical data, and digital solutions for personalization.

K. Çetin and I. Bayburtlu [1] analyze material properties that can adapt to user needs, representing one form of product individualization. The authors emphasize the importance of "intelligent" fabrics capable of altering their characteristics depending on operating conditions. A similar approach is presented in the study by I. Salopek Čubrić et al. [7], which focuses on the functionality of knitted fabrics, particularly in enhancing athlete comfort.

Another research direction examines the influence of customization on customer satisfaction and brand loyalty. C. Saricam [8] analyzes service quality in the retail segment of sportswear, exploring how the level of service and product personalization options correlate with consumer loyalty. A review published on the Venuenz platform [10] examines the global trend of customization, highlighting consumer preferences across different regions and assessing the degree of personalization's impact on purchasing behavior.

The role of digital technologies in this field is reflected in J. E. Park's publication [6], which explores the influence of virtual fitting rooms on the selection process. The author emphasizes that the latest developments enhance customer engagement and reduce the likelihood of product returns, a

crucial indicator of the effectiveness of a personalized approach in the industry.

Market trends and forecasts are also extensively covered. K. Mahajan's review [5] presents statistical data on the sector's development, including key market segments and anticipated shifts in consumer preferences. Additionally, the Verified Market Research report [9] provides insights into the future of customization in sportswear.

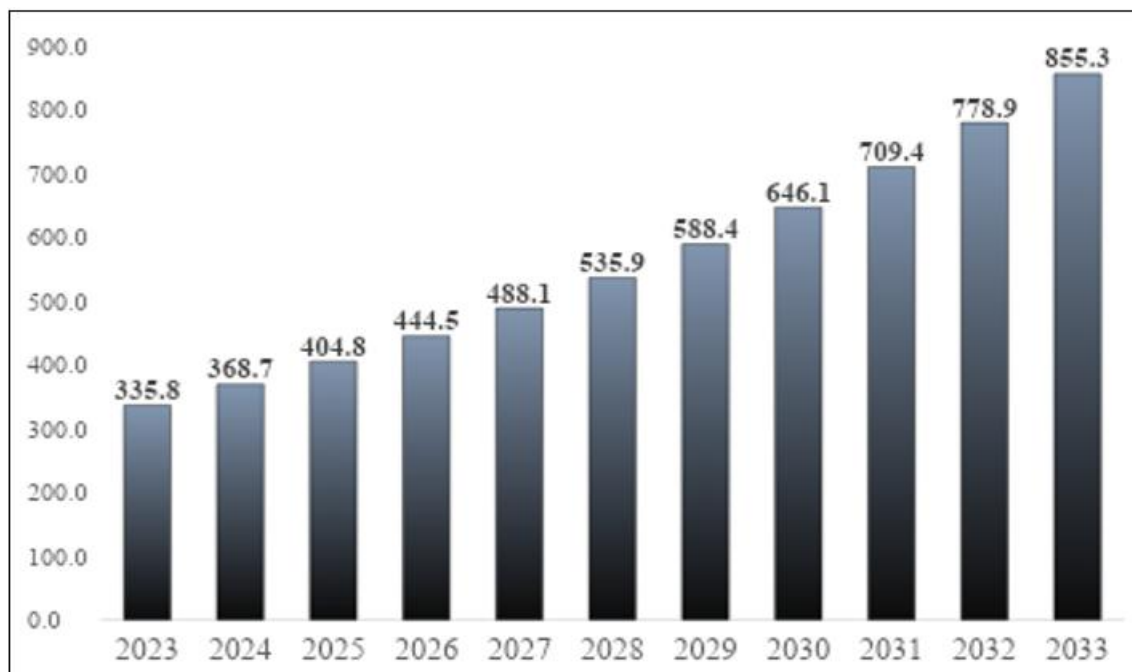
Several studies address specific product characteristics influencing consumer choices. J. Li et al. [2] examine sportswear designed to collect anthropometric data, which can be considered a form of personalization based on biometric parameters. Similarly, X. Liu and Z. Li [3] focus on applying neural network models to adapt materials to individual athlete needs. Yu. Lu [4] systematizes behavioral differences in product selection based on gender factors, highlighting opportunities for more precise targeting of personalized offerings.

A review of the literature reveals several contradictions. One of the ongoing discussions concerns the extent to which personalization directly affects actual sales. While researchers acknowledge its importance for customer loyalty, quantitative data on its impact on business profitability remain limited. Additionally, the long-term effects of personalized approaches have not been thoroughly examined. Another unresolved issue is balancing individualization with production costs, which is particularly crucial for the mass market.

The methods used in this study include comparative analysis, processing of statistical and forecast data on market trends, content analysis, and systematization.

### 3. Results and Discussion

The global sportswear market was estimated at approximately \$335.8 billion in 2023 and is projected to reach \$444.5 billion by 2026, with further growth expected to drive its value to \$855.3 billion by 2033 [5] (Fig.1).



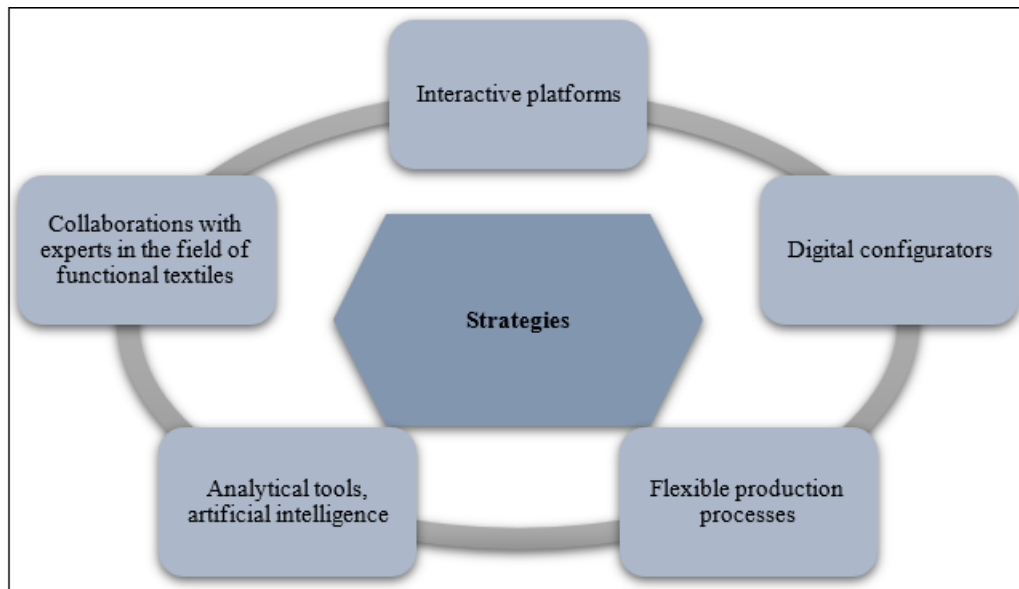
**Figure 1:** Projected dynamics of the global sportswear market, billions of dollars (compiled by the author based on [5])

Personalization as a concept extends beyond traditional market segmentation, allowing consumers to participate in shaping the final product. The sportswear customization market was valued at \$182.01 billion in 2023 and is expected to reach \$305.67 billion by 2031, with an average annual growth rate of 6.72% [9].

From a theoretical perspective, customization is viewed as a synthesis of aesthetic, functional, and emotional components integrated into product development processes [1, 3, 8]. This paradigm significantly transforms the interaction between brands and consumers, creating favorable conditions for fostering a unique customer experience.

An analysis of conceptual models reveals that customized products contribute to the development of stronger emotional connections with brands and enhance the perception of a product as exclusive and high quality.

In practice, individualization strategies in sportswear are implemented through innovative technologies that enable rapid product adaptation to specific customer preferences (Fig.2).



**Figure 2:** Systematization of approaches to the customization strategy in the sportswear industry (compiled by the author based on [1 - 3, 6, 7])

The use of web tools and mobile applications that allow consumers to choose colors, materials, and decorative elements facilitates direct participation in the design process.

The integration of modern additive and small - batch manufacturing methods positively impacts order fulfillment speed and minimizes time costs, which is particularly important given the rapidly shifting demand.

Machine learning algorithms enable trend forecasting and the creation of personalized recommendations based on historical data and individual customer preferences.

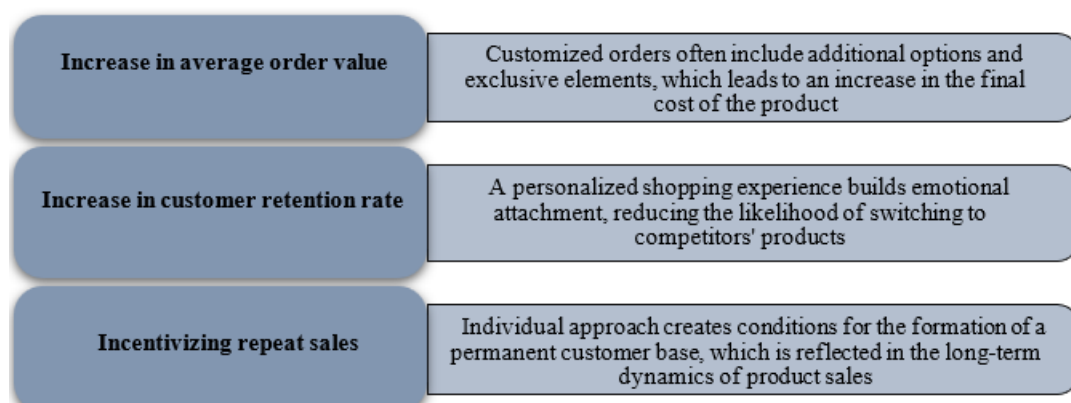
Collaborative projects contribute to the development of unique collections aligned with current trends in sports and fashion while providing exclusive offers for target audiences.

The effectiveness of these strategic approaches is determined by technological innovation and precise targeting capabilities,

leading to increased customer satisfaction and, consequently, stronger loyalty.

In practical terms, incorporating personalized services into the purchasing process fosters long - term relationships with brands. Consumers involved in creating unique products exhibit a higher level of commitment and are more likely to recommend the brand to others. The individual approach influences perceived product value, reinforcing a sense of exclusivity and enhancing the perceived worth of a purchase. Customization thus becomes not only a differentiating factor in a competitive landscape but also a crucial tool for shaping a sustainable brand image.

The economic efficiency of implementing personalized solutions is reflected in several key performance indicators, as illustrated in Fig.3.

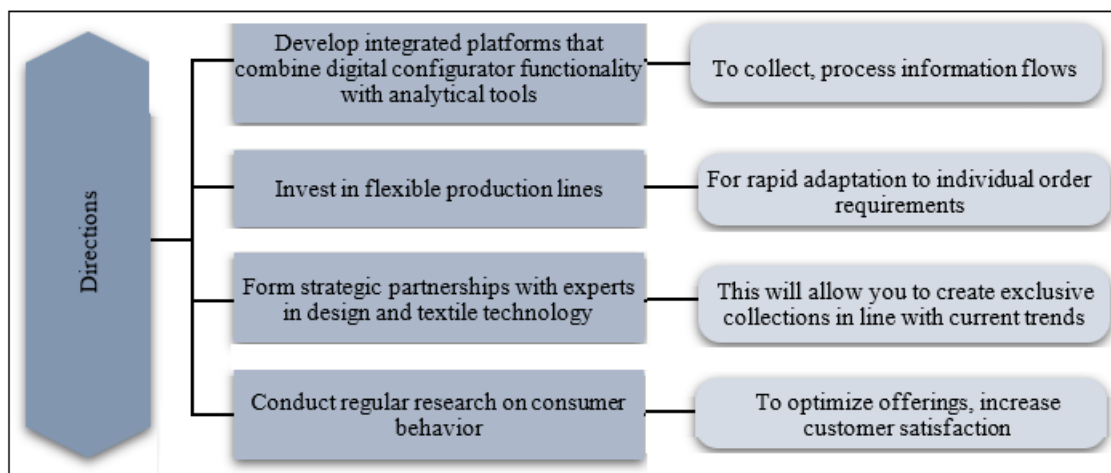


**Figure 3:** Measuring the economic efficiency of implementing personalized solutions (compiled by the author based on [2, 4, 8])

Strategies based on customization contribute both to a direct increase in revenue and the optimization of marketing campaign costs. Moreover, this approach enables brands to swiftly adapt to changing market conditions, effectively responding to evolving trends and audience preferences.

It is important to emphasize that personalization serves as a powerful tool for enhancing competitiveness in the sportswear industry. The implementation of customized services requires a systematic approach that integrates technological innovations and a deep understanding of

consumer psychology. To ensure the effective application of these strategies, recommendations have been formulated (Fig.4).



**Figure 4:** Suggestions for optimizing personalization in the sportswear industry in order to increase customer loyalty (compiled by the author)

Given these recommendations, particular attention should be paid to security and the confidentiality of personal data, as the individualization process involves the collection and analysis of large volumes of consumer information.

Regarding investment, an illustrative example with calculations is appropriate.

Suppose a company invests \$1, 000, 000 in transitioning to flexible production lines. Under the traditional approach, the cost per unit of sportswear is \$500, resulting in total production expenses of \$5, 000, 000 for 10, 000 units. Storage costs amount to 10% of this sum, or \$500, 000, leading to total expenditures of \$5, 500, 000. With a retail price of \$700 per unit, annual revenue reaches \$7, 000, 000, and net profit amounts to \$1, 500, 000.

Switching to flexible production lines reduces the unit cost to \$480 and optimizes logistics, cutting storage costs to 5% (\$240, 000 for the same volume). Customization allows for a 5% price increase to \$735 per unit. Consequently, annual revenue reaches \$7, 350, 000, with total costs calculated as follows:  $480 \times 10,000 + 240,000 = \$5,040,000$ . Net profit rises to \$2, 310, 000, which is \$810, 000 higher than with the traditional method.

The payback period for the investment in flexible production lines would be approximately 1.23 years ( $\$1,000,000 / \$810,000 \approx 1.23$ ).

This example demonstrates how strategic investment can reduce costs, enhance competitiveness through customization, and significantly increase profitability.

#### 4. Conclusions

Personalization in sportswear is not merely a trend but a strategic necessity in today's dynamic economy.

Customization, as a key driver of customer loyalty and sales growth, requires brands to fundamentally rethink traditional production and marketing approaches.

The integration of innovative digital tools and adaptive manufacturing processes enables the creation of a unique consumer experience, which is crucial for establishing long-term customer relationships.

Future research in this field should focus on optimizing the integration of personalized solutions into overall business models, which will serve as a foundation for developing competitive advantages in the future.

In summary, customization improves economic performance, fosters emotionally engaging interactions between companies and consumers, and acts as a critical success factor in the modern sportswear industry.

#### References

- [1] Çetin K. Functional materials as an innovative approach to sportswear design / K. Çetin, I. Bayburtlu // Design. Art. Industry. – 2023. – No.10. – Pp.32 - 44.
- [2] Li J. Fashionable sportswear working as a body measurement collecting tool / J. Li, S. Xia, A. J. West, C. L. Istook // International Journal of Clothing Science and Technology. – 2022. – Vol.34. – No.4. – Pp.589 - 604.
- [3] Liu X. Influence mechanism of running sportswear fatigue based on bp neural network / X. Liu, Z. Li // Eurasip Journal on Advances in Signal Processing. – 2021. – Vol.2021. – No.1.
- [4] Lu Yu. The analysis of demand for sportswear and sports supplementation in fitness among gender differences / Yu. Lu // Korean Journal of Sports Science. – 2022. – Vol.31. – No.5. – Pp.121 - 128.
- [5] Mahajan K. Sportswear Statistics 2025 By Best Varieties / K. Mahajan // URL: <https://www.news.market.us/sportswear-statistics/> (date of request: 03/04/2025).

- [6] Park J. E. A study on the continuously intention to use of sportswear virtual fitting application / J. E. Park // Korean Journal of Sports Science. – 2022. – Vol.31. – No.2. – Pp.87 - 99.
- [7] Salopek Čubrić I. Material and structural functionalization of knitted fabrics for sportswear / I. Salopek Čubrić, V. M. Potočić Matković, Ž. Pavlović, A. Pavko Čuden // Materials. – 2022. – Vol.15. – No.9. – P.3306.
- [8] Saricam C. Analysing service quality and its relation to customer satisfaction and loyalty in sportswear retail market / C. Saricam // Autex Research Journal. – 2022. – Vol.22. – No.2. – Pp.184 - 193.
- [9] Sportswear Customization Service Market Size And Forecast // URL: [https://www.verifiedmarketresearch.com/product/sportswear - customization - service - market/](https://www.verifiedmarketresearch.com/product/sportswear-customization-service-market/) (date of request: 03/11/2025).
- [10] The Shift Towards Customization in Sportswear Across Markets // URL: [https://www.venuez. dk/the - shift - towards - customization - in - sportswear - across - markets/](https://www.venuez.dk/the-shift-towards-customization-in-sportswear-across-markets/) (date of request: 03/15/2025).