Fraunhofer

IAIS

Intelligent Goods Flow Management

The right products in the right place at the right time?

Our solution for Intelligent Assistance across various scenarios

Seasonal Merchandise Planning: Optimizing inventory and stock levels and ensuring the timely arrival of seasonal merchandise across various locations.

Product Launches: Ensuring efficient allocation of new products or limited-edition releases to minimize bottlenecks by predicting demand patterns and optimizing distribution routes.

Returns Processing: Improving the returns process to swiftly reintegrate products into sales, boosting product availability, and enhancing the overall customer experience.

Real-Time Inventory Visibility: Providing real-time updates on inventory levels, enabling accurate decision-making to reduce storage costs, and to prevent stockouts or over-stock situations.

More information

https://www.iais.fraunhofer.de/en/
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Intelligent Goods Flow Management

An AI-based solution for merchandise management

Intelligent goods flow management utilizes AI algorithms to dynamically allocate goods and products based on real-time demand, trends, and other relevant factors, ensuring efficient distribution. As a result, companies can benefit from higher product availability, increased customer satisfaction and improved competitiveness in retail.

Our AI-based Solution

- is a no-brainer to integrate and is easily usable due to its user-friendly interface.

- adapts to your unique needs through automated model training, testing, adaptation, and deployment.

- allows realtime and data-driven decisions minimizing logistic processes.

Technological Features

- Application of machine learning algorithms to analyze historical data, seasonal trends and market dynamics to forecast demand and optimize inventory levels.

- AI-driven algorithms that adjust pricing dynamically based on real-time demand, competitor pricing, and market conditions.

- Application of predictive analytics to identify potential stockouts, overstock situations, and optimize reorder points.

Your Benefits

- Revenue Growth: Reduce operational costs associated with inefficient allocation practices, resulting in a sales growth of up to 25 percent.

- Higher Product Availability: Prevent stockouts and ensures timely delivery, meeting customer expectations for shorter and more flexible delivery times, enhancing satisfaction.

- Agile Adaptation: Enable quick adjustment to fluctuating demand and market trends, facilitating agile decision-making.

You would like to know more? Contact us!

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