

AI system automatically analyzes shelves, high accuracy, increases warehouse management capabilities

Japan's largest mobile operator NTT Docomo has developed an artificial intelligence tool (AI) that it claims can accurately analyze how products are stored on shelves in stores. and storage using photos from smartphones or other devices.

Japan's largest mobile operator NTT Docomo has developed an artificial intelligence tool (AI) that it claims can accurately analyze how products are stored on shelves in stores. and storage using photos from smartphones or other devices.

The AI system uses detection technology to detect objects in an image with a accuracy of more than 98% and its object identification technology that identifies specific products with accuracy of over 95% by How to combine them with images in the database.



Docomo said that this AI system can recognize products on shelves without special arrangements or even when they are stacked together. Previously, shelf analysis technology required products to be placed in the front row and forward to ensure identification with higher accuracy. This new change means that almost any product possible in the database is identified by the AI.

The operator expects this AI system to be widely used in the distribution and retail industry to manage products and manage sales. Specifically, companies will use the system to check inventory faster.

Docomo said it intends to partner with many different companies to use this system to improve its sales and inventory management capabilities.

Japanese cloud company Cyberlinks is the first company to adopt an AI system with an application that allows devices including smartphones to be used to quickly analyze store shelves and create Data needed to create a graph, an image representing the product in a store.

See more:

1. Microsoft is using artificial intelligence to help detect patients' early illness with a blood test
2. Xiaomi began to develop MIUI 10, which will focus on artificial intelligence features
3. Bkav 2018 uses artificial intelligence to detect viruses and protect computers

You finished reading the article "**AI system automatically analyzes shelves, high accuracy, increases warehouse management capabilities**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.