

Build a model for counting, classifying, and packaging products by color.

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Abstract: This topic focuses on researching and implementing an automated system for counting, classifying, and packaging products based on color. In practice, this process faces many challenges due to the diversity of color patterns and product sizes. The objective of the topic is to design an efficient solution that can handle inventory management in warehouses, optimize production processes, and minimize errors during packaging. The applied method combines both theoretical research and experimentation to ensure high accuracy and practical applicability of the system. The expected results will provide a useful solution for businesses to improve operational performance.

Keywords: Automation system, Color-based classification, Inventory management