

Garbage Classification System

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Abstract: *The accumulation of garbage in the urban area is a great concern, and it would result in environmental pollution and may be hazardous to human health if it is not properly managed. In this paper, proposes an intelligent garbage material classification system, using YOLOv5 algorithm. The system classifies garbage accurately that can save manpower and improve work efficiency. The purpose of the system is to build a real-time application which recognizes the type of garbage and categorizes it into a defined category. The experiment result shows that the proposed system can accurately identify the garbage's type.*

Keywords: Deep Learning, YOLOv5, Garbage Classification, Computer Vision

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