

In the light of the experiments performed, it can be said that: high Precision can be achieved in the classification of the state of waste container that are in the outdoor through the use of DCNNs. Since those models can classify a waste container as “full or not”, real-time waste monitoring systems can use them to determine when to empty the waste containers. In the next study, the size of the dataset will be increased to obtain more successful results and even less biased estimation.

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