

TITLE: DL-Powered Quality Control for Packaged Food

DESCRIPTION:

In contemporary manufacturing, the assurance of product quality is paramount to meet consumer expectations.

Objectives

Object Detection and Classification: To develop a deep learning model capable of accurately detecting and classifying defects in packaged food.

Quality Improvement: To improve the quality of chips and chocolates supplied to consumers by detecting and removing defective products.

Real-time Processing: To implement a real-time system that can process images, providing rapid and efficient quality control.

The proposed project aims to achieve these objectives by using deep learning to create a sophisticated quality control system.

Project Domain

IOT

Machine Learning

Deep learning

Data Science

