

# Recycling using Deep learning

## Goal of the Project:

The objective of this project is to take images of a single piece of recycling or garbage and classify it into six classes consisting of glass, paper, metal, plastic, cardboard, and trash. We also create a dataset that contains around 400-500 images for each class.

plastic



paper



metal



paper



glass



paper



paper



metal



metal



plastic



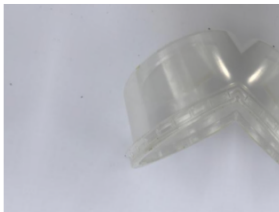
plastic



metal



plastic



paper



cardboard



paper



**TEST CONFUSION MATRIX:**

The seems to have confused metal for glass and plastic for glass. With more time, I'm sure further investigation could help reduce these mistakes

