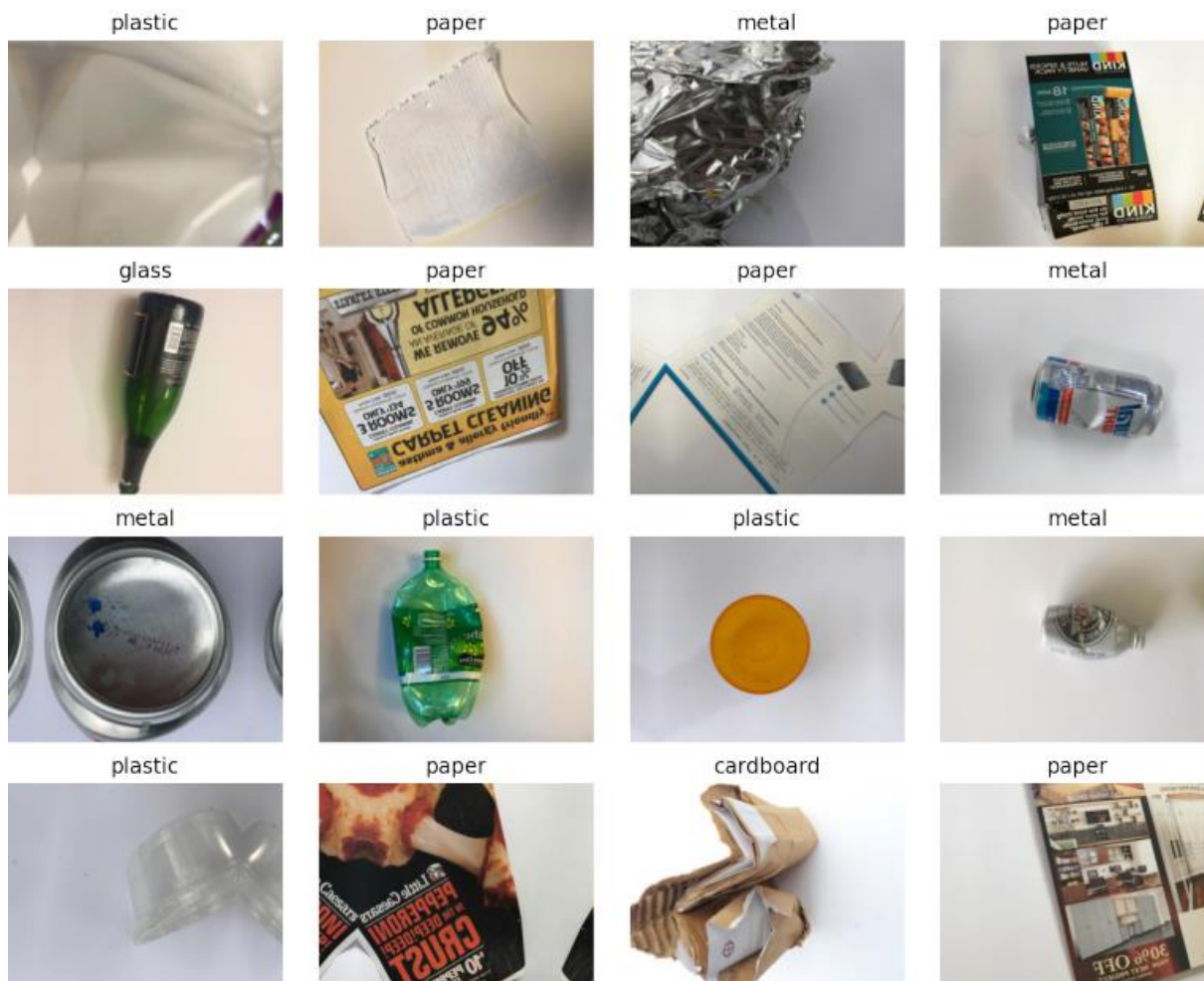


# Recycling using Deep learning

## 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.



## Test Confusion Matrix:

Resnet34 is a CNN with 34 layers

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

