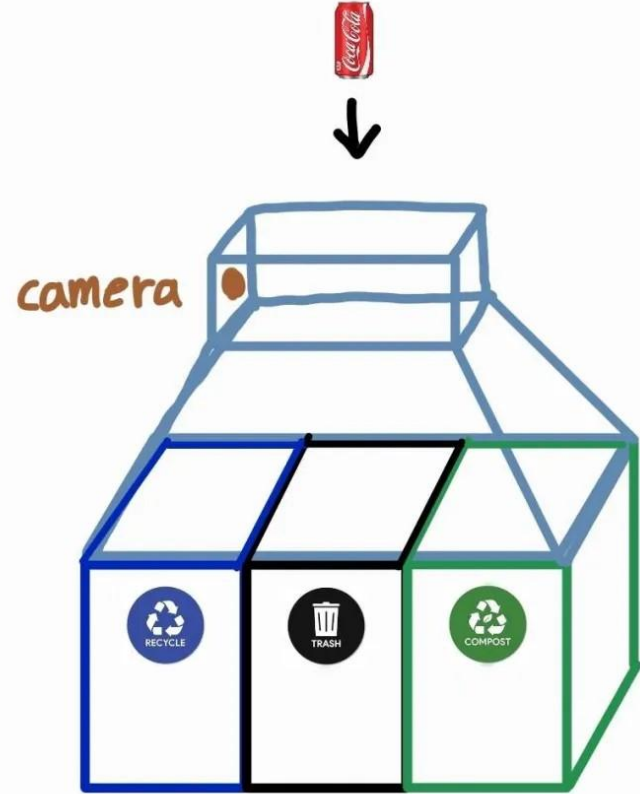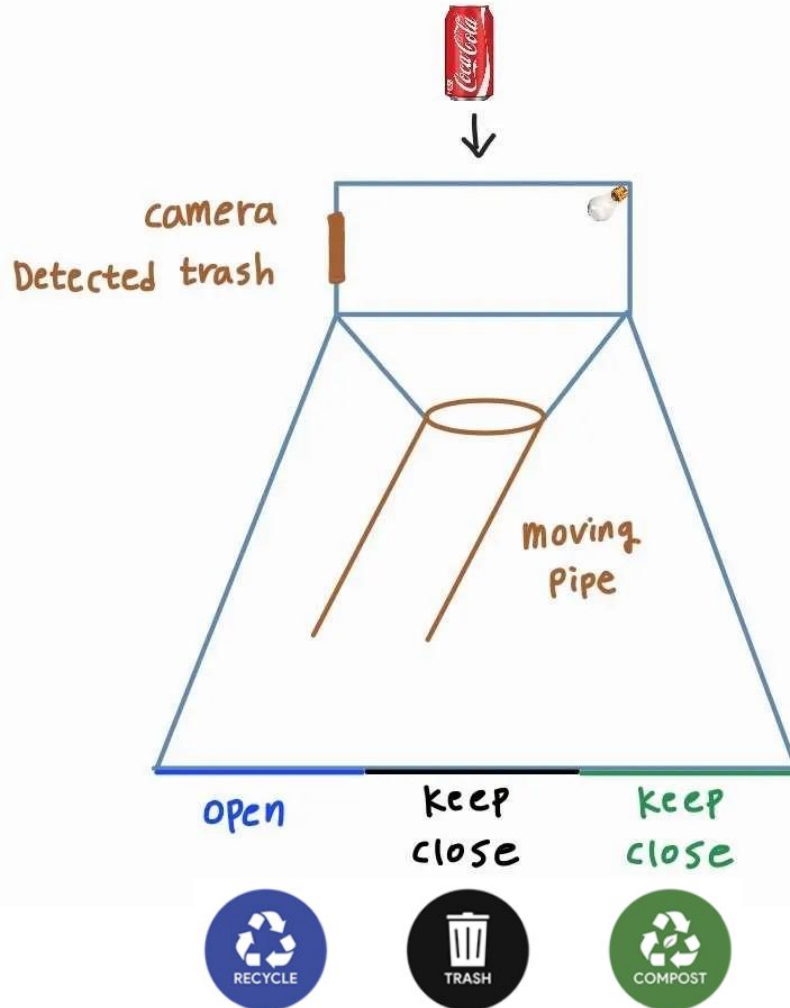# BinGenius
Garbage Classification AI model

What's the Problem

- Recycling is key to creating a sustainable environment by reducing energy consumption and minimizing environmental pollution.

- However, due to confusion or inconvenience, we often fail to engage in effective trash separation, leading to ineffective recycling practices.

Use in Real Life

camera
Detected trash

moving
Pipe

open

keep
close

keep
close

RECYCLE

TRASH

COMPOST

① camera detected trash

② moves pipe

③ open matched door

Our Target Audience

- Public Spaces Authorities
  - Improve waste management in public
  - Drive efficiency and cost savings

- Environmental Protection Enterprise
  - Optimizing recycling process
  - Minimize environmental pollution by reducing landfill use