project\_report.md 4/15/2023

Checkin 04/14/2023: one person in your group should send the professor an email with a 1 paragraph project description, the names of your group members, and a progress update.

- names: Yizhou Li, Tianyu Yang, Ni Liu
- project description: We are doing the plastic classification tasks as described in the canvas announcement about final project ideas. To be more specific, we are training our own model based on the 4 labels 6k images dataset provided by the professor. The final goal is letting our model predict whether the given image is an product. If it is, what 3 categoris ("heavy-plastic", "medium-plastic", "no-plastic") of this product belong to.
- project update: Now we are doing research online, reading some related papers to get the general project ideas. In the mean time, we implemented some baselines models based on the dataset, and trying to know how good our models behave.