

## **Module 5: Portfolio Milestone**

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### **Portfolio Milestone**

One of the main elements of my portfolio project is using classification. It will use multi-class classification to categorize images of waste into classes such as paper, plastic, metal, glass, or non-recyclable materials. This is also an example of supervised learning since all the training data is already labelled (Belcic, I., Stryker, C., 2024)). By using classification, it will the user will upload an image of waste and receive feedback on the kind of recyclable material it is.

## References

Belcic, I., Stryker, C., (2024) *What is supervised learning?* IBM.

<https://www.ibm.com/think/topics/supervised-learning>