REPORT

Week 3

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1 Experimental Results:

Dataset	Backbone model	Learning rate	Accuracy
Scan ImageCLEF12	MobileNetV2	schedule	64.04%
Scan ImageCLEF12	EfficentNetB04	schedule	59.39%

2 Comments

- Scan-only dataset achieve better results.

- Wrong predictions are mostly because of shapes.

- To achieve higher results, leaf tips and bases are two important features.

3 Ongoing work

- Add image segmentation by using Otsu's threshold.

  – Using too much memory, which is probably caused by bad scripts and OS kill process after around 10 epochs.
  – Cannot use numpy on Tensor.