Image data:
- [Tomato Leaf DIseases Detect Dataset > Overview (roboflow.com)](roboflow.com)
- Number of training data: 92 (31 test images, 61 validation images)
- Classes
  0: Bacterial Spot
  1: Early_Blight
  2: Healthy
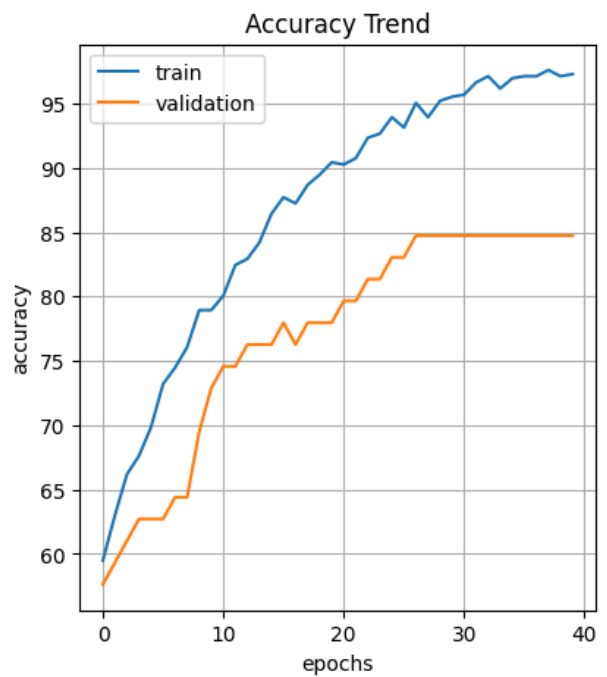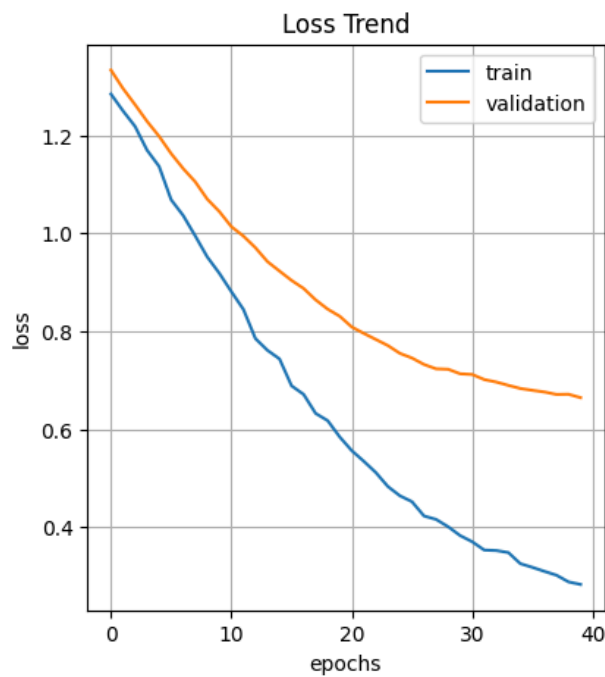 3: Late_blight
  4: Leaf Mold
  5: Target_Spot
  6: black spot

Deep learning model:
- The visionTransformer (VisionTransformer — Torchvision 0.19 documentation (pytorch.org))
- Used pretrained weights (vit_b_16 — Torchvision 0.19 documentation (pytorch.org)
- Modified header of model to classify 7 types of disease.
- Used Google colab with T4 GPU.
- With 40 epochs, it took 21 minutes to train.

Result:
- 97.29% training accuracy and 84.75 validation accuracy.

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label:Healthy
pred:Healthy

label:Healthy
pred:Healthy

label:Early_Blight
pred:Early_Blight

label:Early_Blight
pred:Early_Blight

label:Early_Blight
pred:Early_Blight

label:Healthy
pred:Healthy

label:Healthy
pred:Healthy

label:Healthy
pred:Healthy

label:Early_Blight
pred:Early_Blight

label:Bacterial Spot
pred:black spot

label:Healthy
pred:Healthy

label:Early_Blight
pred:Early_Blight

label:Early_Blight
pred:Early_Blight

label:Late_blight
pred:Late_blight

label:Early_Blight
pred:Early_Blight

label:Healthy
pred:Early_Blight