

0: 'daisy'

764 images



2: 'rose'

1054 images



3: 'sunflower'

784 images



4: 'tulip'

733 images



1: 'dandelion'

984 images



1: 'dandelion'



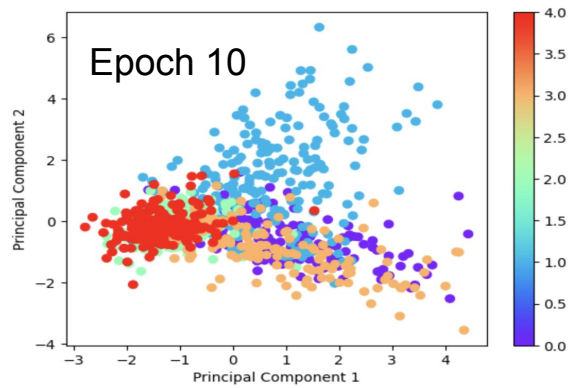
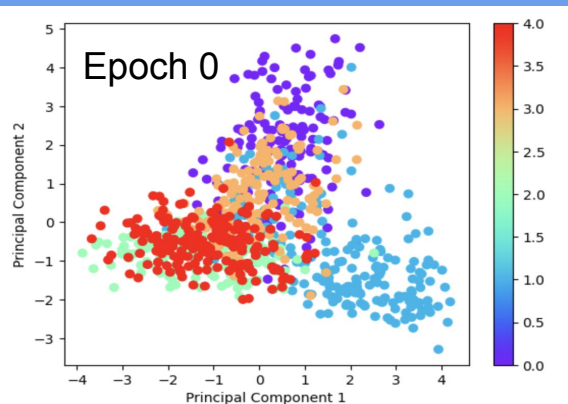
# PSET 1

Ariel Fuchs

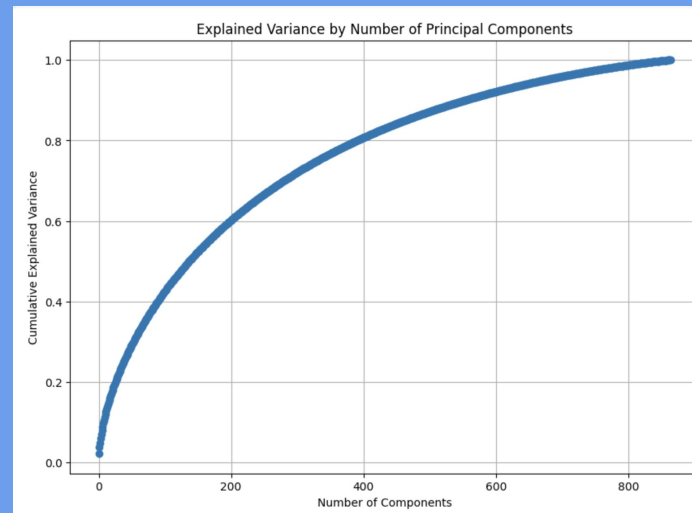
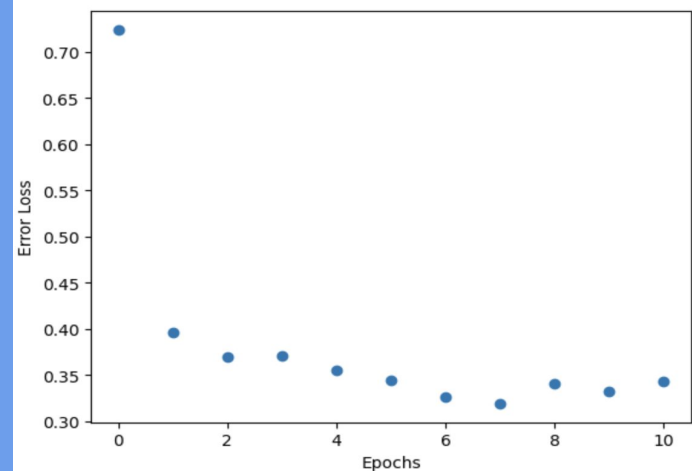
80/20 training testing split  
Pretrained resnet50

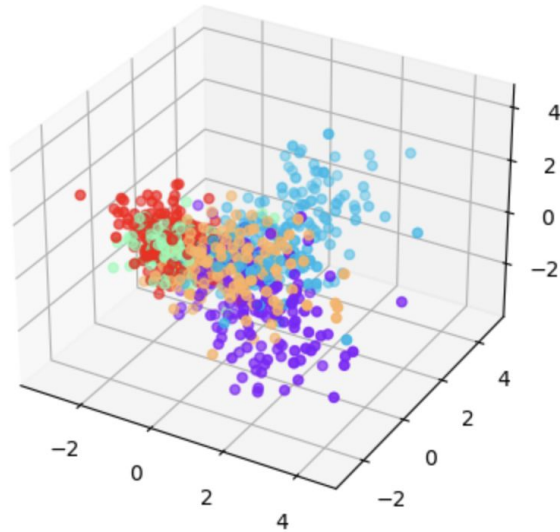
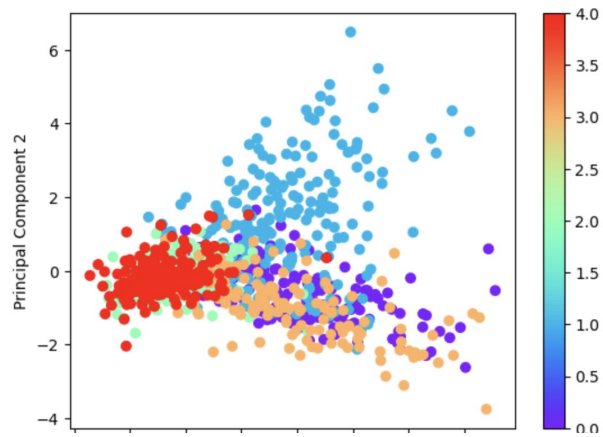
<https://www.kaggle.com/datasets/alxmamaev/flowers-recognition/data>

# Dynamics + Optimization



Epoch 0/0, Loss: 0.7833  
Epoch 0/9, Loss: 0.3963  
Epoch 1/9, Loss: 0.3700  
Epoch 2/9, Loss: 0.3709  
Epoch 3/9, Loss: 0.3553  
Epoch 4/9, Loss: 0.3442  
Epoch 5/9, Loss: 0.3261  
Epoch 6/9, Loss: 0.3193  
Epoch 7/9, Loss: 0.3407  
Epoch 8/9, Loss: 0.3328  
Epoch 9/9, Loss: 0.3432





Reasons for overlap include lots of overlapping similarity and diversity within species.

4: 'tulip'



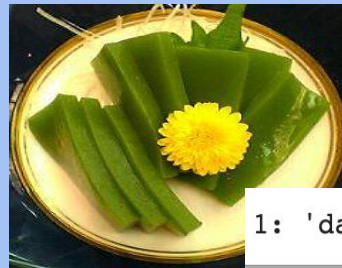
2: 'rose'



3: 'sunflower'



0: 'daisy'



1: 'dandelion'

