6-10-10

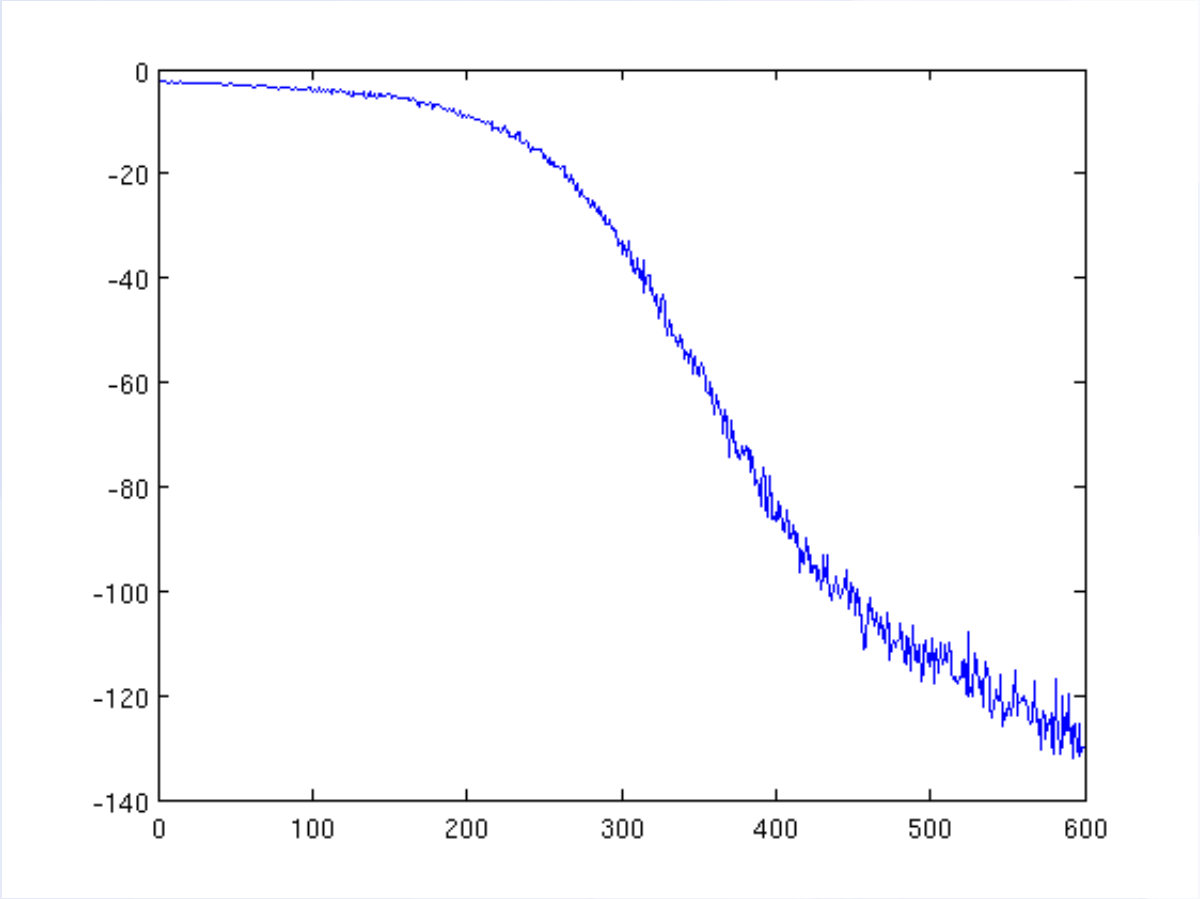
- Working on One-Shot
- Extending to action recognition
- Working from existing Optimizing One-Shot using Microsets project code.
- Familiarizing and performing early testing on the Caltech 101 category feature set.

Early Work Done

- Testing the earlier provided code with 3 training images across all 101 categories.
- Testing if PCA across all images vs. PCA across training images provides significantly better accuracy.

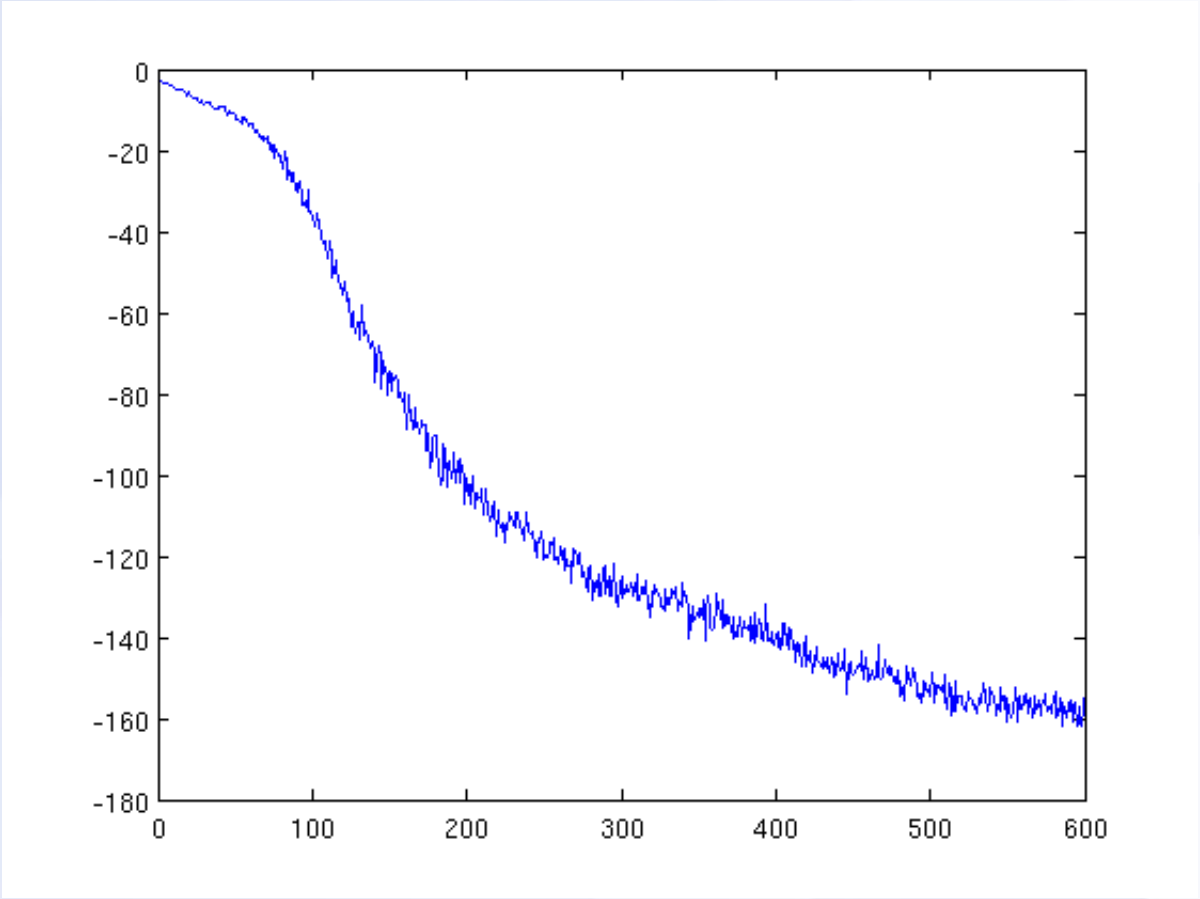
1-1-2 PCA over Training 600 iter.

- 1.95%
- 1 microset per iter.
- 1 training
- 2 testing
- 600 iterations



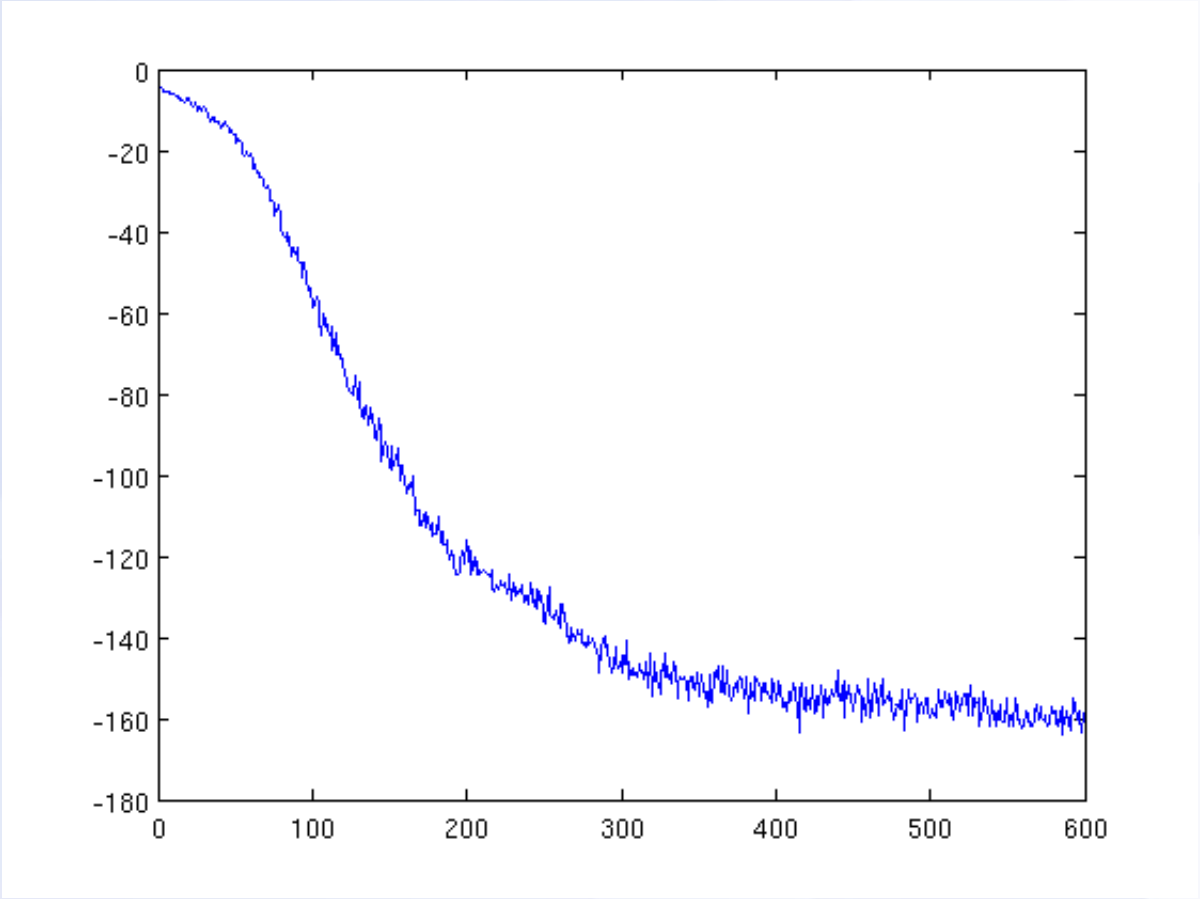
1-1-2 PCA-40cat-all. 600 iter.

- 10.12%
- 1 microset per iter.
- 1 training
- 2 testing
- 600 iterations



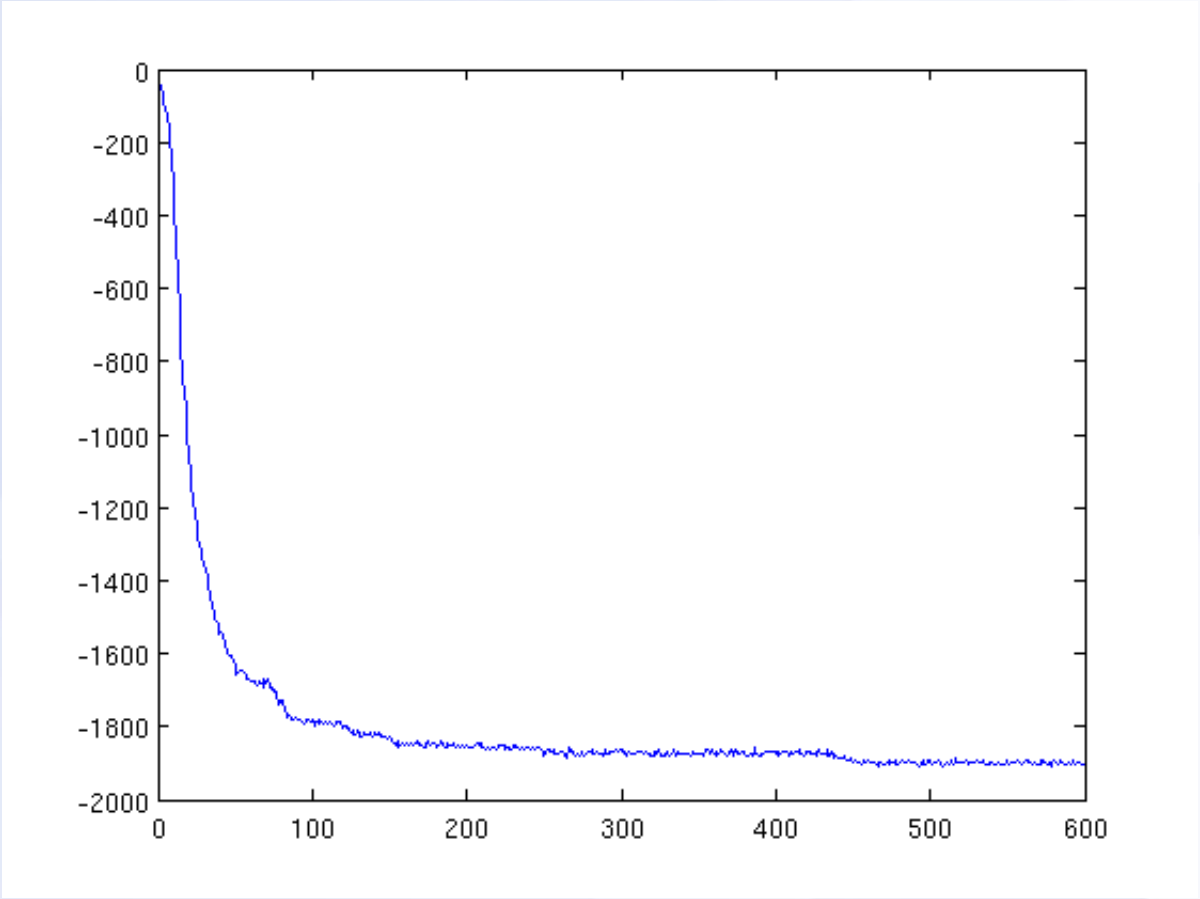
1-1-2 PCA-101cat-23img 600 iter.

- 8.95%
- 1 microset per iter.
- 1 training
- 2 testing
- 600 iterations



10-1-2 PCA-40cat. 600 iter.

- 9.83%
- 10 microsets per iter.
- 1 training
- 2 testing
- 600 iterations



Observations

- Value of the calculated loss is not indicative of accuracy or performance.
- The number of microsets per iteration thus far has not consistently improved accuracy.