

Hien Dao

CSE 4310-001

Feature Extraction Summary

In the feature extraction code, we train a simple classifier on the CIFAR-10 dataset using SIFT features. First, we created a bag of visual words. It then uses those representative features to train a support vector machine. The number of features extracted using SIFT is 15986 features, the number of correct matches found is about 4156, and the accuracy of the SIFT classifier when evaluated on the test set is 0.26.