Student Project – Picture Classification

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1 Image Preprocessing

Image resize to 64x64. Why? Maybe image adding for better and more classification images

2 Feature Generation

HOG features with cellsize 16. what is the solution with other cellsizes? Haarlike features

3 Feature Reduction

PCA?

4 Classifier

Boost Classifier vs. SVM

5 Validation

10 Fold

6 Results (Confusion Matrix)

Matrix + Results