



Image

Multi-scale
SIFT

SIFT
codebook

Non-linear
SVM

Color

Color
codebook

Non-linear
SVM

Multi-scale
LBP

LBP
codebook

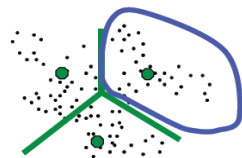
Non-linear
SVM

Class1
Class2
...

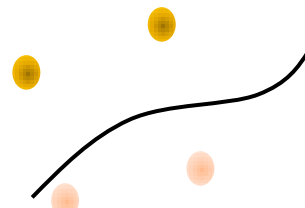
Class
labels



Visual Vocabulary



K-Means Clustering



Classification