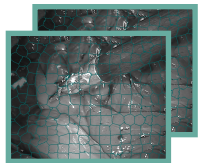
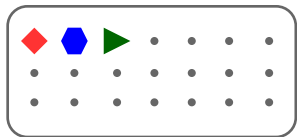


Raw Images with
Superpixel Segmentation



SIFT Descriptors
(for each pixel)

Codebook



Assign class to
each pixel

Create histogram of classes
for each superpixels

Feature Matrix
 \mathbf{X}