Train Substract the mean image. Test 1000 the index of the class of X= SVM Loss (a.k.a Hinge Loss) Li = E [mox (0, X; Wj - X; Wy; iterates over iterates over parameter all ( classes all Nexamples ( ) harve (xzwj-xzWyz+A) >0 (2) vectorized Scores Score of correct class  $max[0, (xw - xw[c_1,...,n],y] +$ CNXI) classifying as class j

(means: XIW3-XIW4 +A >D) > row-Sum: # of (- Xi) D { | X1 ... X2 ... XN | Class dw