```
/usr/bin/python /Users/LT/Documents/Uni/MA/increOCSVM/evaluation.py
pima
increment evaluation
                error  f1-score  precision    recall
incremental  0.597396  0.505349   0.355644  0.876119
batch        0.562500  0.442757   0.352705  0.720149

*** PROFILER RESULTS ***
increment (/Users/LT/Documents/Uni/MA/increOCSVM/ocsvm.py:109)
function called 1022 times

         357370 function calls in 337.520 seconds

   Ordered by: cumulative time, internal time, call count
   List reduced from 73 to 40 due to restriction <40>

   ncalls  tottime  percall  cumtime  percall filename:lineno(function)
     1022   25.749    0.025  337.520    0.330 ocsvm.py:109(increment)
     1022  302.000    0.295  302.963    0.296 linalg.py:454(inv)
     2044    0.016    0.000    6.569    0.003 ocsvm.py:74(gram)
     2044    0.016    0.000    6.553    0.003 pairwise.py:1164(pairwise_kernels)
     2044    0.008    0.000    6.537    0.003 pairwise.py:949(_parallel_pairwise)
     2044    2.633    0.001    6.529    0.003 pairwise.py:740(rbf_kernel)
     2044    1.853    0.001    3.550    0.002 pairwise.py:136(euclidean_distances)
     2044    0.009    0.000    1.419    0.001 extmath.py:171(safe_sparse_dot)
     2044    1.406    0.001    1.406    0.001 {numpy.core._dotblas.dot}
     1022    0.891    0.001    0.891    0.001 {method 'astype' of 'numpy.ndarray' objects}
     6132    0.029    0.000    0.685    0.000 numeric.py:136(ones)
     4088    0.673    0.000    0.673    0.000 {method 'dot' of 'numpy.ndarray' objects}
     4088    0.024    0.000    0.562    0.000 pairwise.py:57(check_pairwise_arrays)
     6132    0.527    0.000    0.527    0.000 {numpy.core.multiarray.copyto}
     6122    0.061    0.000    0.493    0.000 validation.py:268(check_array)
     5105    0.480    0.000    0.480    0.000 {numpy.core.multiarray.zeros}
    11232    0.235    0.000    0.235    0.000 {method 'reduce' of 'numpy.ufunc' objects}
     6122    0.062    0.000    0.208    0.000 validation.py:43(_assert_all_finite)
    16332    0.029    0.000    0.167    0.000 numeric.py:462(asanyarray)
    25520    0.158    0.000    0.158    0.000 {numpy.core.multiarray.array}
     2044    0.009    0.000    0.144    0.000 fromnumeric.py:1762(any)
     6122    0.009    0.000    0.136    0.000 {method 'sum' of 'numpy.ndarray' objects}
     6132    0.130    0.000    0.130    0.000 {numpy.core.multiarray.empty}
     6122    0.012    0.000    0.127    0.000 _methods.py:23(_sum)
     6122    0.030    0.000    0.109    0.000 validation.py:126(_shape_repr)
     1022    0.009    0.000    0.108    0.000 fromnumeric.py:2632(mean)
     1022    0.030    0.000    0.100    0.000 _methods.py:49(_mean)
     1022    0.008    0.000    0.087    0.000 fromnumeric.py:1842(all)
     6122    0.033    0.000    0.076    0.000 {method 'join' of 'str' objects}
     6122    0.034    0.000    0.063    0.000 shape_base.py:60(atleast_2d)
     3061    0.008    0.000    0.063    0.000 extmath.py:57(row_norms)
     2044    0.006    0.000    0.055    0.000 {method 'any' of 'numpy.ndarray' objects}
     3061    0.051    0.000    0.051    0.000 {numpy.core.multiarray.einsum}
     2044    0.007    0.000    0.049    0.000 _methods.py:31(_any)
     4088    0.026    0.000    0.045    0.000 pairwise.py:33(_return_float_dtype)
    18366    0.043    0.000    0.043    0.000 validation.py:153(<genexpr>)
     6122    0.016    0.000    0.037    0.000 validation.py:105(_num_samples)
     1022    0.003    0.000    0.036    0.000 {method 'all' of 'numpy.ndarray' objects}
     1022    0.005    0.000    0.033    0.000 _methods.py:35(_all)
     1022    0.005    0.000    0.033    0.000 {method 'min' of 'numpy.ndarray' objects}
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*** PROFILER RESULTS ***
train (/Users/LT/Documents/Uni/MA/increOCSVM/ocsvm.py:35)
function called 10 times

        8481 function calls in 1.443 seconds

   Ordered by: cumulative time, internal time, call count
   List reduced from 117 to 40 due to restriction <40>

   ncalls  tottime  percall  cumtime  percall filename:lineno(function)
       10    0.025    0.003    1.443    0.144 ocsvm.py:35(train)
       10    0.205    0.021    1.352    0.135 ocsvm.py:78(alpha)
       10    0.006    0.001    1.044    0.104 coneprog.py:4159(qp)
       10    0.009    0.001    1.037    0.104 coneprog.py:1441(coneqp)
       30    0.000    0.000    0.922    0.031 coneprog.py:1984(kktsolver)
       30    0.060    0.002    0.922    0.031 misc.py:1389(factor)
       30    0.360    0.012    0.360    0.012 {cvxopt.base.syrk}
       30    0.357    0.012    0.357    0.012 {cvxopt.base.gemm}
       60    0.129    0.002    0.129    0.002 {cvxopt.lapack.potrf}
       20    0.000    0.000    0.120    0.006 ocsvm.py:74(gram)
       20    0.000    0.000    0.120    0.006 pairwise.py:1164(pairwise_kernels)
       20    0.000    0.000    0.120    0.006 pairwise.py:949(_parallel_pairwise)
       20    0.051    0.003    0.120    0.006 pairwise.py:740(rbf_kernel)
       10    0.000    0.000    0.066    0.007 ocsvm.py:46(rho)
       20    0.033    0.002    0.065    0.003 pairwise.py:136(euclidean_distances)
      320    0.064    0.000    0.064    0.000 {cvxopt.base.gemv}
       50    0.002    0.000    0.063    0.001 misc.py:1489(solve)
       40    0.000    0.000    0.051    0.001 coneprog.py:2333(f4)
       40    0.001    0.000    0.051    0.001 coneprog.py:2291(f4_no_ir)
       20    0.000    0.000    0.029    0.001 extmath.py:171(safe_sparse_dot)
       20    0.029    0.001    0.029    0.001 {numpy.core._dotblas.dot}
       60    0.000    0.000    0.024    0.000 coneprog.py:1900(fG)
       60    0.001    0.000    0.024    0.000 misc.py:801(sgemv)
       20    0.000    0.000    0.022    0.001 shape_base.py:179(vstack)
       20    0.019    0.001    0.019    0.001 {numpy.core.multiarray.concatenate}
      100    0.019    0.000    0.019    0.000 {cvxopt.blas.trsv}
       30    0.015    0.001    0.015    0.001 {cvxopt.blas.trsm}
       20    0.007    0.000    0.014    0.001 twodim_base.py:221(diag)
       40    0.007    0.000    0.007    0.000 {numpy.core.multiarray.zeros}
       40    0.000    0.000    0.006    0.000 pairwise.py:57(check_pairwise_arrays)
       30    0.000    0.000    0.006    0.000 coneprog.py:1847(fP)
       30    0.006    0.000    0.006    0.000 {cvxopt.base.symv}
      280    0.002    0.000    0.006    0.000 {numpy.core.multiarray.array}
       60    0.001    0.000    0.005    0.000 validation.py:268(check_array)
       20    0.002    0.000    0.004    0.000 data.py:29(Xs)
      190    0.000    0.000    0.004    0.000 numeric.py:462(asanyarray)
       10    0.004    0.000    0.004    0.000 {method 'dot' of 'numpy.ndarray' objects}
      100    0.000    0.000    0.004    0.000 shape_base.py:60(atleast_2d)
       50    0.003    0.000    0.003    0.000 _internal.py:361(_dtype_from_pep3118)
       20    0.002    0.000    0.003    0.000 misc.py:422(update_scaling)


Process finished with exit code 0
```