Class Project

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The class project
Is for each student
To do a few experiments
With variants of the N-Tuple Subspace Classifier
On real data sets
That can be found in repositories
And are associated with published papers
Although the experiments are all different
Students wanting to work in a group to develop the code
Are encouraged to do so
You must first determine the subroutines needed
The input and output arguments
And the data structures involved
Those who want to program alone can do so
Those that want to divide up the programming can do so
What has to be done to give confidence that the code is bugfree
The Experimental Protocol

Specifies how the experiment will be done
- The training set size
- The testing set size
- Cross Validation
- The efforts taken to make sure that for the given training set size
- The requisite variety criterion is maintained

What the fixed parameter settings will be
What variable parameter values will be tried
How the analysis of the experimental results will be presented
What kind of graphs and figures will be used