**Email Classification Project**

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Our team will be working on an email classification project. We will implement classifiers corresponding to five Machine Learning algorithms, including *Multinomial Naive Bayes*, *Bernoulli Naive Bayes*, *K Neighbors*, *Ridge Regression*, *Support Vector Machine* and *Random Forest*. The models will be trained using a dataset that contains *c.a.* 4000 pre-labeled emails. We also plan to compare different models in terms of run time, accuracies and other performance measures. Moreover, detailed mathematical derivations will be critically discussed in the report.