

Errors, and What to Do

Examples of errors

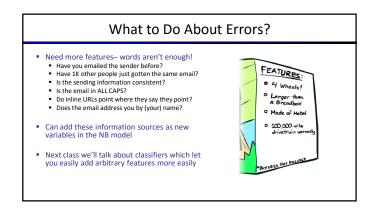
Dear GlobalSCAPE Customer,

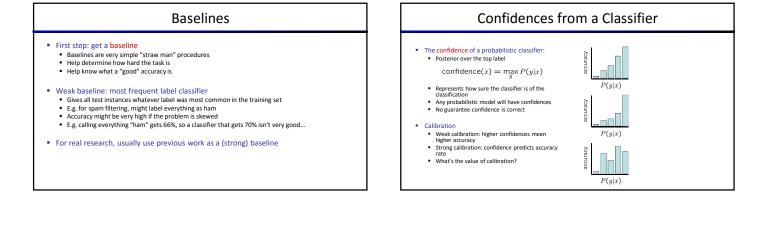
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Summary

- Bayes rule lets us do diagnostic queries with causal probabilities
- The naïve Bayes assumption takes all features to be independent given the class label
- We can build classifiers out of a naïve Bayes model using training data
- Smoothing estimates is important in real systems
- Classifier confidences are useful, when you can get them

Next Time: Perceptron!

