In my Naive Bayes algorithm, by counting the frequency of each feature in the training data and calculating the percentage rate, I get 100% accuracy in classifying integers, 60-65% accuracy in classifying names, 55%-70% accuracy in classifying the blogs corpus with bag-of-words as features, and 90% accuracy in classifying the imbalanced data set

By using tokenization (a.k.a removing non-alphanumeric characters), the accuracy slightly improved. (60%-70% for classifying the blogs corpus with bag-of-words as features)