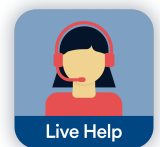




Python Lab - SMS Spam Ham Classifier : Bernoulli

In the last section, we looked at the Naive Bayes Multinomial Classifier to classify the SMS Spam/Ham data. In this session, we will be using the same dataset but will be fitting a Bernoulli Naive Bayes Classifier.

Please find the code file [here](#).





Did you note how business objectives govern our model evaluation and selection? In this case, you wanted the False positives i.e the ham being classified as spam as low as possible which you could achieve by using Bernoulli Naive Bayes classifier even though the overall accuracy and sensitivity was less than Multinomial Naive Bayes classifier.

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PREVIOUS



Python Lab - SMS Spam
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Multinomial

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Comprehension - Naive
Bayes for Text
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