











Review 1: The food is bad and the service is horrible. Would not recommend anyone to go there. Not that great of an experience.

7 Analytics Vidhya

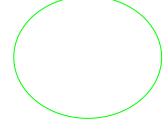
Review 2: Love the delicious food served here and the service is also great. Not bad at all!



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Analytics Vidhya

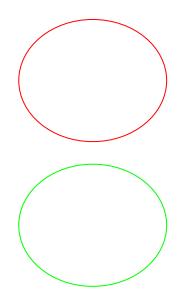




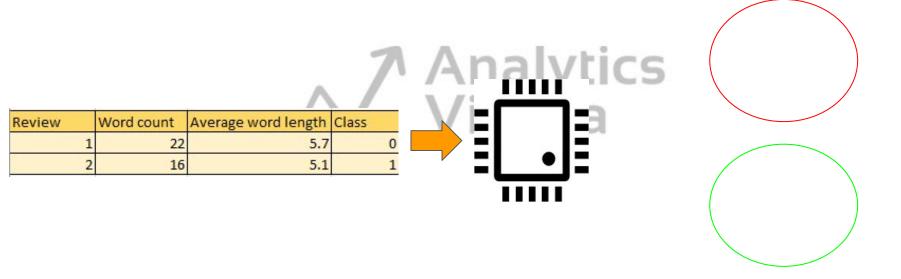
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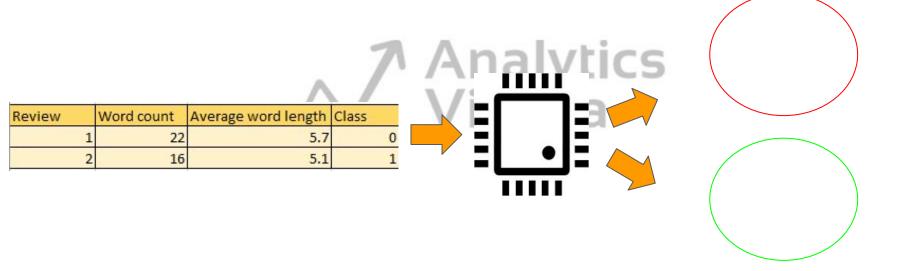
Analytics Vidhya







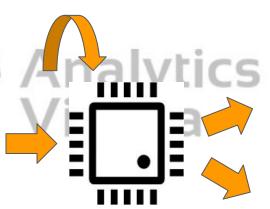






Review	Word count	Average word length
3	5	3.2

Review		Word count	Average word length	Class
	1	22	5.7	0
	2	16	5.1	1







Naive Bayes





- Naive Bayes
- Logistic Regression





- Naive Bayes
- Logistic Regression
- Support Vector Machines (SVM)



Vidhya

- Naive Bayes
- Logistic Regression
- Support Vector Machines (SVM)
 K-Nearest Neighbours

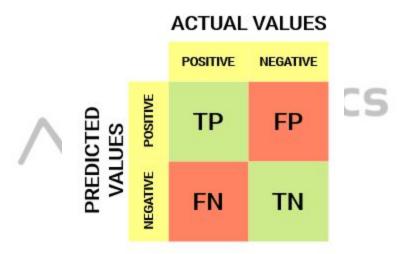




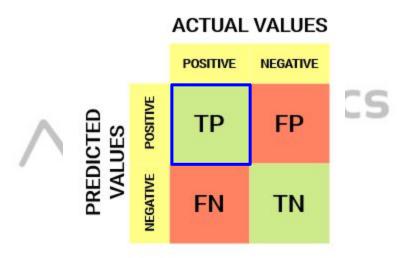




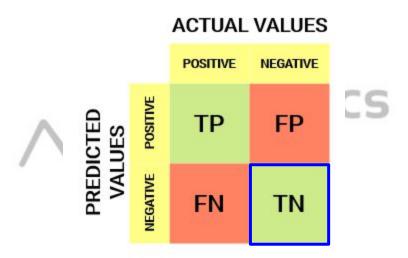




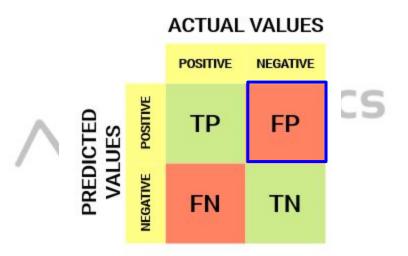




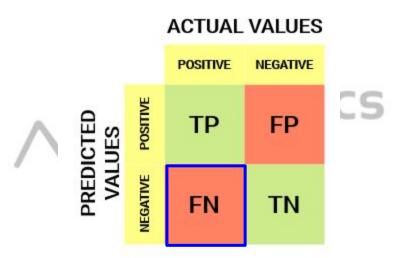














Accuracy =
$$\frac{TP + TN}{TP + TN + FP + FN}$$



Accuracy =
$$\frac{930 + 30}{930 + 30 + 30 + 10}$$
 = 0.96











