9.10%

bet us split the data into two equal parts for training & texting.

confusion Matrix: Prediction.

	0	*
Truth.	TN	FP
X	FN	TP.

* The nearest neighbours for 1 are (2,3,6) with valuer Caot, exoss, exoss)

so the predicted value for 1 is cross therefore it

The nearest neighbours for 6 are (6,3,4) with valuer (exost, cross, det).

(exost, cross, det).

so the predicted value for 6 is cross, therefore it is a true positive".

* The nearest neighbours for 7 are (3,6,6) with values (cross, cross, cross). the Predicted value for 7 is cross, therefore it is "False position".

It The nearest neighbours for 10 are (11,6,3) with valuely (dot, cross, cross). so the predicted value for 10 is cross therefore it is "False positive".

O OTN S FP

Accuracy &

Specificity =
$$\frac{7N}{FP+TN}$$
 $\Rightarrow \frac{0}{3+0} = \frac{0}{3}$

$$=0$$