Performance Analysis

09 May 2022 12:33

Actual	Predictions	
(î)	\bigcirc	VV
Ď	0	
1	0	
1	0	
0	0	✓
0	0	
0	0	\mathcal{N}
0	0	ノ
0	0	\checkmark
0	0	✓
0	0	✓
0	0	
71)	0	
1	0	
0	0	\checkmark
0	0	<i></i>
0	0	\checkmark
0	1	
0	0	\mathcal{I}
Ф	Ð	\checkmark

Accuracy = 14*100/20 = 70 % Recall = 2/7 = 0.2857 *100 = 28.57 % Precision = 2/3 = 0.6667 *100 = 66.67

Testing - 100 customers Actual 90 = 0 - not leave 10 1 - left

Predictions - model 1

95 - 0 - not leave - 90

05 - 1 - leave - 05

A = 95 = 95%

Recall (Relevant Business Areara) = 5 = 50%

Recall (Relevant Business Ar

Predictions - model2 80- 0 - not leave - 80

FP. 1-30 - more experience

[- customs vill de furt 0- not defendt

Prediction

Confusion Matrix

Actual Predictions	0	1
0	True Negative TN	False Positive FP
1	False Negative FN	True Positive TP

$$\mu = \frac{\chi_1 + \chi_2 + \chi_3 - -\chi_3}{\eta}$$

$$\mu = \frac{\eta}{\frac{1}{\chi_1} + \frac{1}{\chi_2} + \frac{1}{3} + - -\frac{1}{\eta_3}}$$

Recall =
$$\frac{TP}{TP + FN}$$

Precision = $\frac{TP}{TP + FP}$

FI Score =
$$\frac{2}{\frac{1}{R} + \frac{1}{P}}$$
FISCORD =
$$\frac{2x RxP}{R+P}$$