Confusion Matrix & Accuracy

		Prediction	
		NEG	**POS**
Actual	**NEG**	43	12 ⚠
	POS	4 ⚠	41

Type II Error
(False Negatives)

Type I Error
(False Positives)

Accuracy Rate and Error Rate:

$$AR = \frac{Correct}{Total} = \frac{TN + TP}{Total} = \frac{84}{100} = 84\%$$

$$ER = \frac{Incorrect}{Total} = \frac{FP + FN}{Total} = \frac{16}{100} = 16\%$$