Model Evaluation

Negative Class

TN

True Negative

FP

False Positive

Positive Class

FN

False Negative

TP

True Positive

Predicted Negative

Negative Class

TN

True Negative

FP

False Positive

Positive Class

FN

False Negative

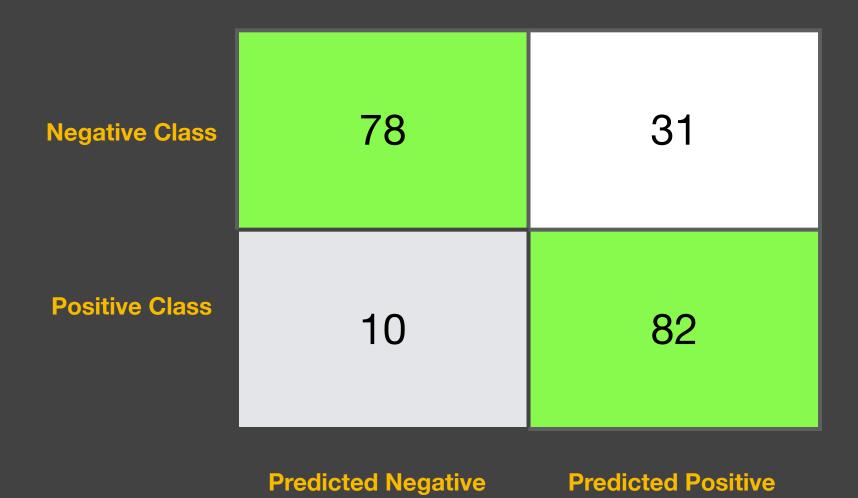
TP

True Positive

Predicted Negative

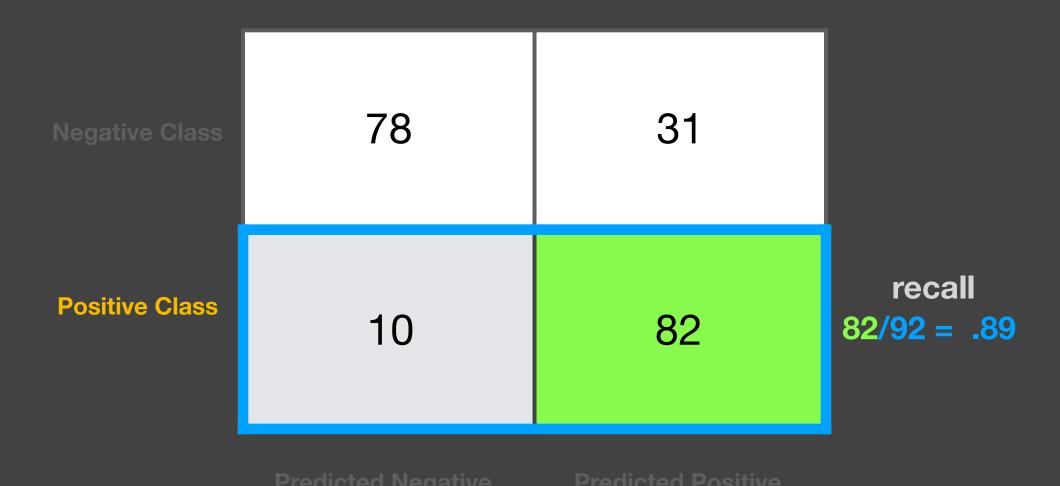
Negative Class	78	31
Positive Class	10	82

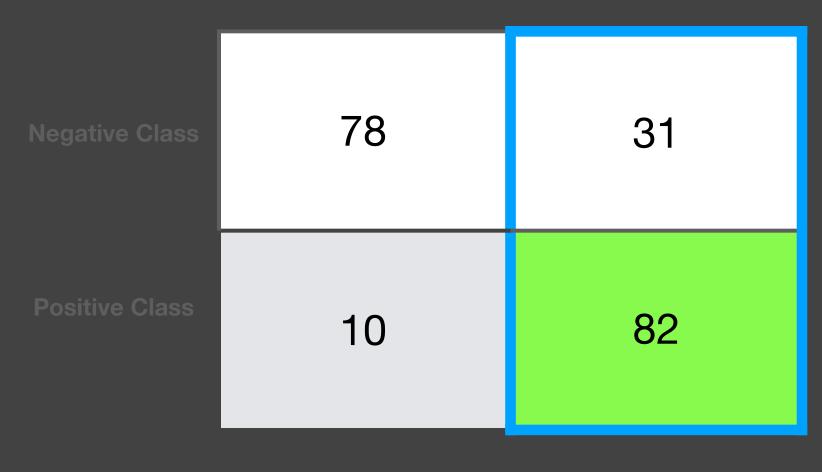
Predicted Negative





Predicted Negative





Predicted Negative

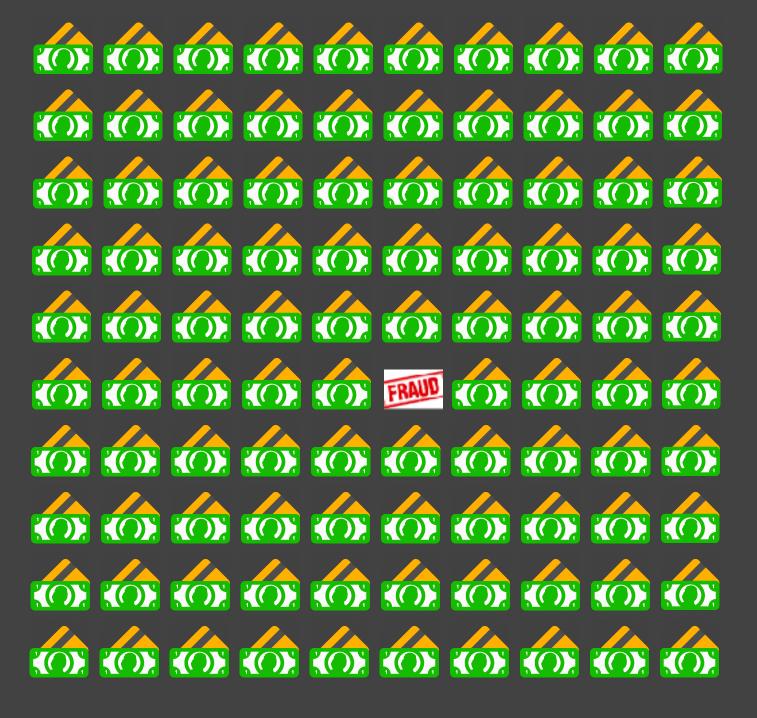
Predicted Positive

82/113 = .73 precision

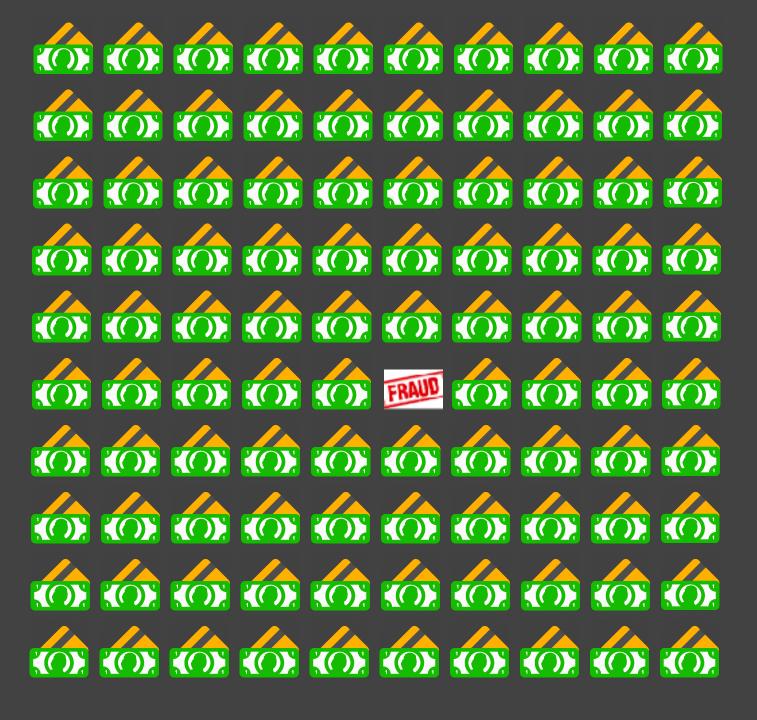
Fraud Detection





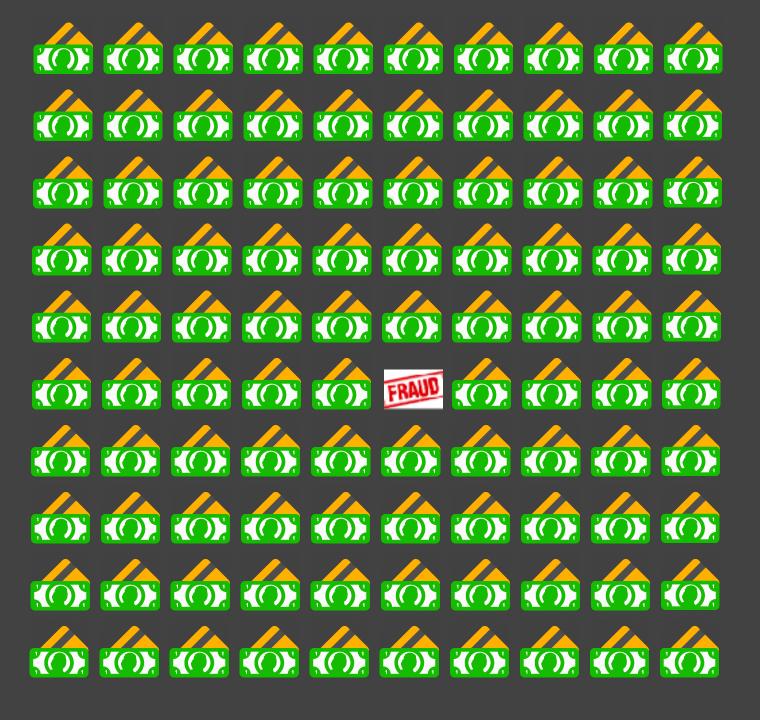


Accuracy

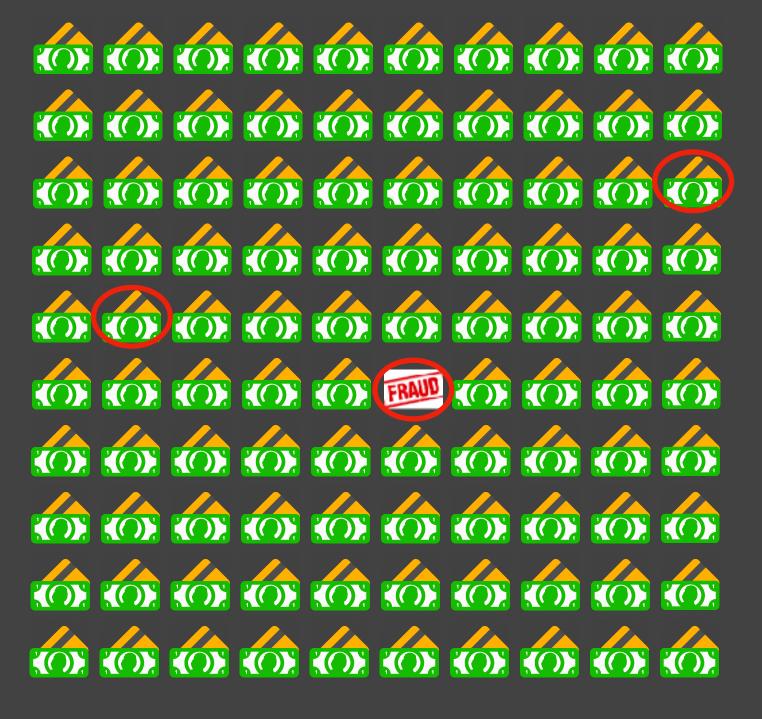


Accuracy 99%

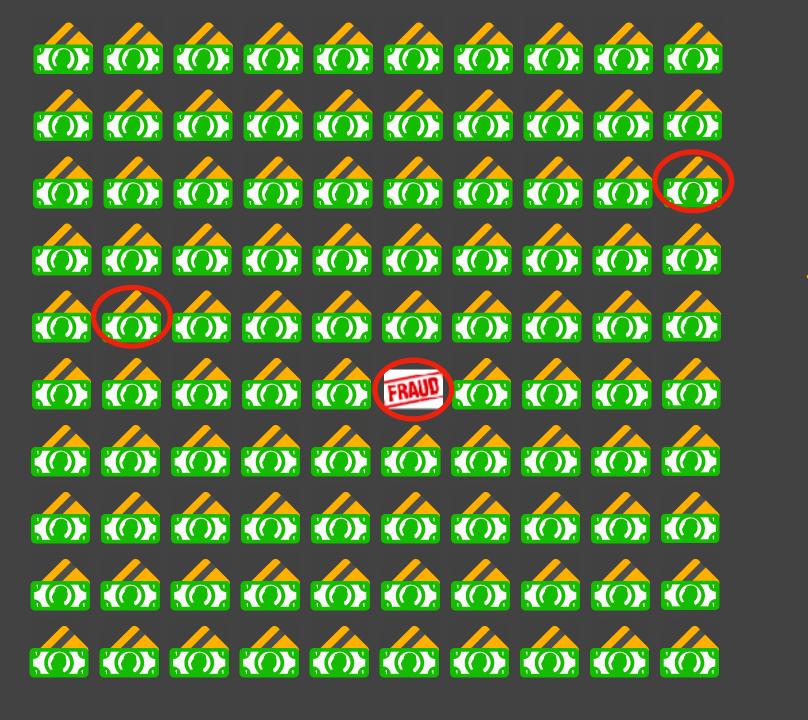




Precision & Recall



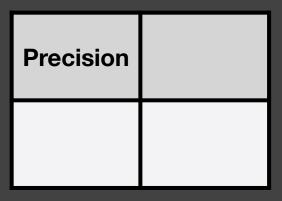
Precision

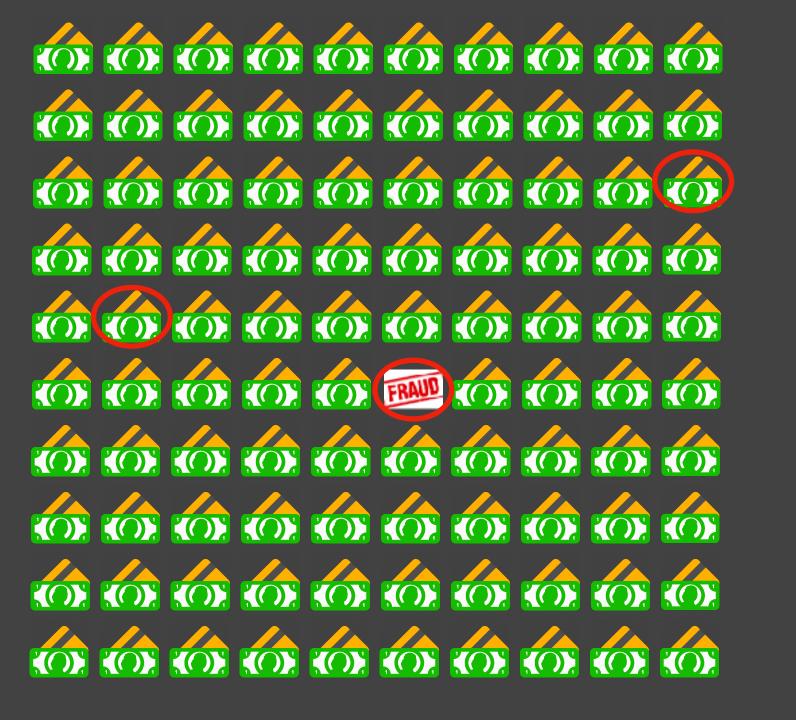


True Neg 97 2

True Pos 0 1

Pred Neg Pred Pos



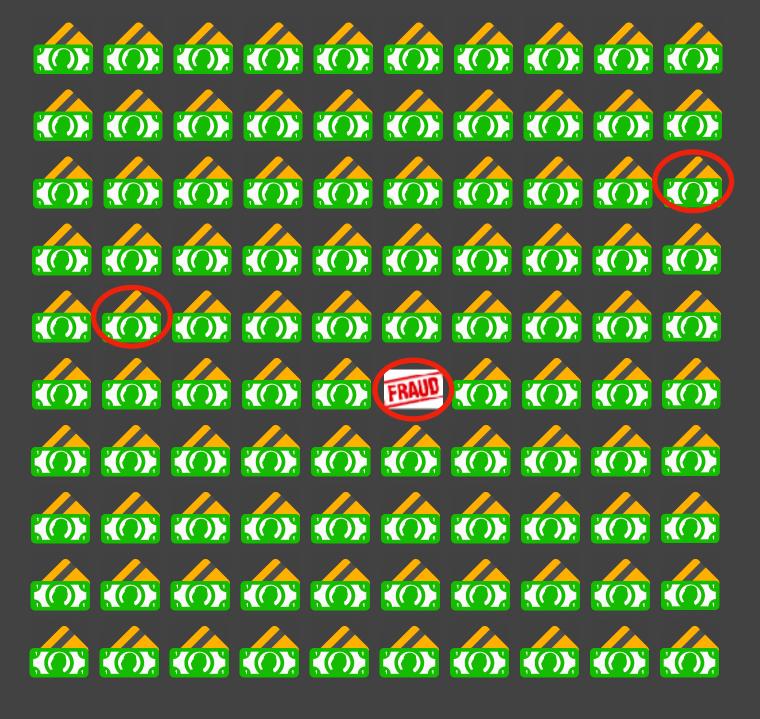


True Neg 97 2

True Pos 0 1

Pred Neg Pred Pos

Precision	
33%	



Recall



True Neg 97 2

True Pos 0 1

Pred Neg Pred Pos

Precision	Recall
33%	



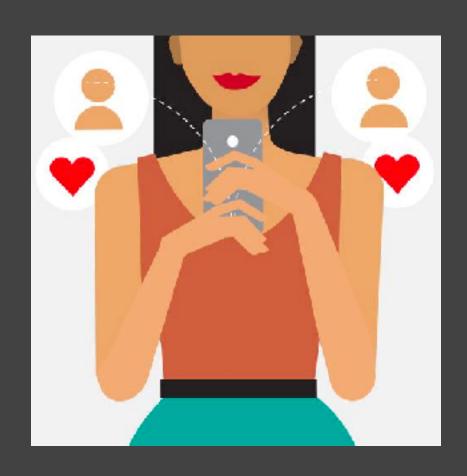
True Neg 97 2

True Pos 0 1

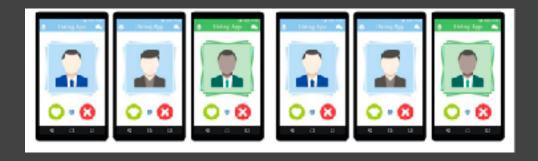
Pred Neg Pred Pos

Precision	Recall
33%	100%

Dating App











Match











Match









Recall



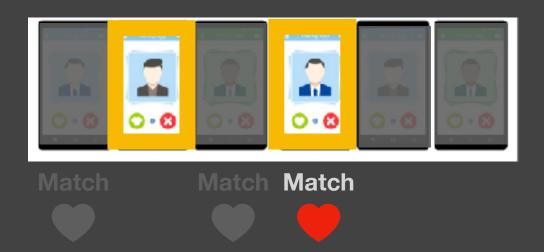
Match







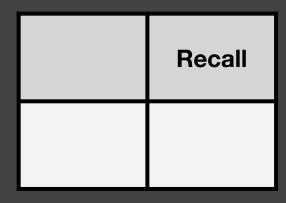




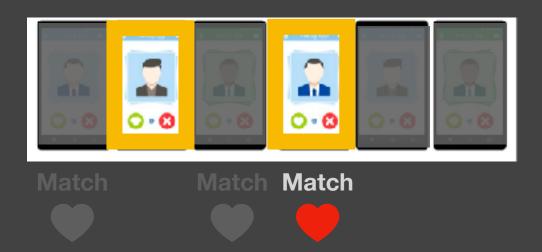
True Neg

True Pos

2 1
2 1
Pred Neg Pred Pos







True Neg

True Pos

2 1
2 1
Pred Neg Pred Pos

Recall
33%



Precision



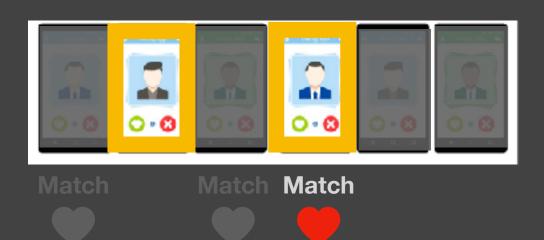
Match











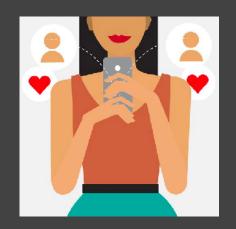
True Neg

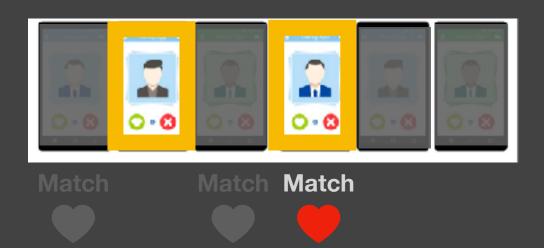
True Pos

2121

Pred Neg Pred Pos

Precision Recall
33%





True Neg

True Pos

2 2 **Pred Pos**

Pred Neg

Precision Recall 50% 33%