

Exercise 2 – April 30th
Accuracy criteria

A supervision classification program has been run on a training set of 100,000 medical images in order to train an algorithm for identifying the images corresponding to a cancer diagnostic. The result of the classification is as follows

Actual	Predicted	
	Negative	Positive
	Negative	Positive
	94,000	500
	3,500	2,000

1. What is the accuracy of the trained algorithm on the Training Set?
2. What is the recall of the trained algorithm on the Training Set?
3. What is the precision of the trained algorithm on the Training Set?
4. What is the F1-Score of the trained algorithm on the Training Set?
5. Are you satisfied with the results? Why?