Evaluation Metrics: and alam are tre what is a false alarm?

\* Classification: which category new instance belongs to .: e example: is object is a hat or a cor

A Regression: here we want to make a prediction of continuous data.
eg: we have data on hight, weight and garden and we want to
predict weight. we are interpotating the results.

\* acuracy: how accurately com the classification algorithm identify on label correctly.

\* Accura y is the default metric for score() method for classifier in SKLEARN

\* accuracy: no of items labeled correctly
all items in that class

to altral class

The guen point in the box

The guen side of the predicted line greated line = free to a -ve -ve

The guent is a -ve -ve

result / but the to

\* The red x point \ got gredited on the -re ride. hence it is in the tre-re burket

The pt was truly the pedicted -ve.

\* example: suppose we have a burgler alarm system. And burgler as

of you can shift the curve to true the acuracy. 15 /

\* Recall: probablity of algorithm to correctly identify the object given the object is present

\* Principal nate of prediction of algorithm to identify the object.

here the alorithm observes the object in the matrix and what is the rate it correctly identificate?

precision = True tre Truetre+ Falorite

reall = True + ve + False-ve

\* Recall: is incorrectly identifying an object, it a probability rate.
it is a false-ve when it is really the actual object.

\* Precision: is the probability of income they identifying the object a
being there when its not really there. it is a false tree rate

\*F1 Score: is the weighted average of recall and preision

F1= 2\* (Recoll \* Precision)

(Recoll \* Precision)

\* Regression: => we expect the production to arbitude a done results here

\* mean Abdolute Errol: it is the predicted distance from the true value.

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\*\*Expression to arbitude a done results here

\*\*The prediction to arbitud

It make the assidual error the natures.

It emphasizes larger errors over smaller ones.

Buy differentiable allows us to use calculas to find min & max values.

Increasing efficiency.