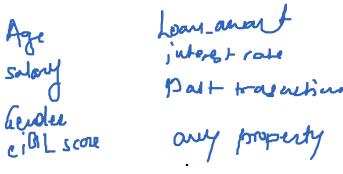
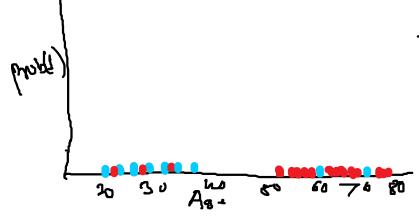
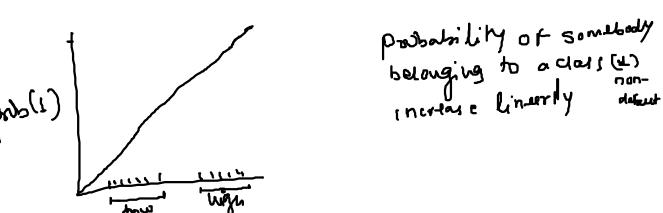
we will predict pur values based on probability of an observation belonging to sur certain class. (4 13)

Predict_proba() > probability of value

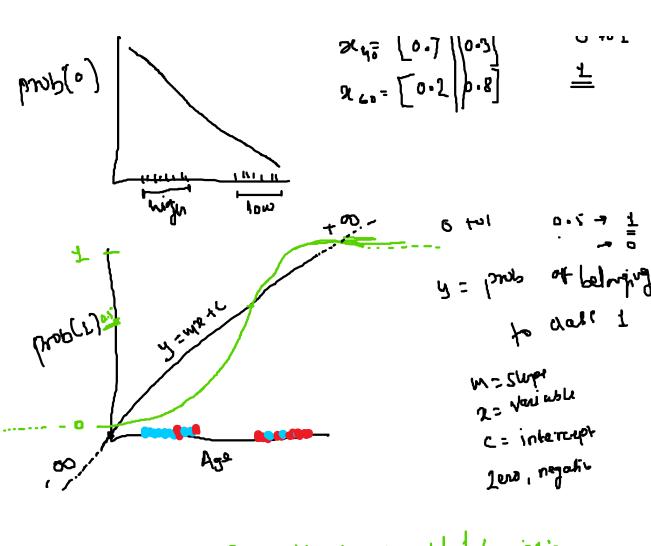
ex. defailt | non-default.







[oldina



This s-curve is called signald | Logistic.

It is used to find out probabilities (0 \$051)

Sigmoid = P(y) = 1 = 1 + e (M24+c)

le hare Bflicanni.

deniahant signerid furthan

A = prob at A belong to class

1

O.1

Which many 1+

belong to class D.

thud = 0=7 defaut 49

A = Actual = 0=7 defaut 49

pred = 0

pred = 0

pred = 0

for point B. prob of B belonging to class 1 = 6.9 m high qct= 1=49 crror= Probabi et C belouging to class L= 0.76 >7 high for point = orer = 1 = 4p mismeter for pointo prob of o belong to cros(1) = 0.08 >7/00 pres: 40 = 0 } e-nor Training error, error in training Age

anbsjh