Muite hypothesis fun for logistic regression?

hypothesis fun. for logistic regression can be written as:

$$\hat{\gamma} = h(x) = g(f(x))$$

where

9(z) is called as logistic fun" or sigmoidal fun".

$$\hat{y} = h(x) = g(f(x)) = 1$$

1+e<sup>-f(x)</sup>

1+e-(Mo+W,x, +W2X2+W3X3+ - - +WnXn)

input 1 | logistic | input 2 | regression | p (oulput:1 input)

So output of logistic regression is the probability of output to 1 for given input.

logistic regression of example classification

	of many classes.
P. 2	
	ex. student can be brilliant average poor
Lary locate	Bowlet can be fast/medium/slow.
•	classification: -
	Oclassification is a process of putting an object
	into a specific category based on its properties
	into a specific category based on its properties @ classification is a process of labelling an inpu
A Section 1	as putting the input into specific class
	Category based on its certain properties.
(	Category based on its certain properties.  3) A process / Function/Algorithm that does the job  Of classification is called as classifier or
- 1. <del>1</del> 1	Of classification is called as classifier or
	$argmin_0$ to $c$ .
	4) Mathematically classifier is a function f
_	
	where x is the input   input attributes.
No. of the second	C is set of classes C= {C1, C2, C3, C4, (n)
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55.	