Mainine Learning		
Assignment 2		
The second bear columbate and address a gradual and a second seco		
1) what is the difference between linear	Hegnessian and Logistic Hegnessian.	
Ans.		
Linear Regression	Logistic Regression.	
1 Life	Charles and the Charles and th	
15 A linear approach that models the	A statistical model that preduts the	
relationship between a dependent	probability of an outcome that can	
variable and one on more	only have a values.	
independent variables		
24 Used to solve regression problems.	used to solve clossification problems.	
Sound in a section of the section		
3} Estimates the dependent variable	calculates the presibility of an	
when there is a change in the	event occuring.	
independent variable.		
	Output value is discrete.	
4) output value is continuous.		
5) uses a straight line:	uses an 5 curve on algmoid function.	
by uses a strong to		
Gy Example : predicting the GIDP of a	Example: predicting whether an email	
country, predicting product price,	is opam as not, preduting whether	
predicting the house selling price,	the wedit could transaction is froud	
BIONE PREDICTION.	on not, predicting whether a unstomer	
	will take a loan on not.	
st Give some real life sum appl	ications.	
Ans. some common applications of sym are:		
i) Face detection - sym classify parts of the image as a face and		
	non-face and create a square boundary around the face.	
non-face and crease a square		

ii) Text and hypertext categorization - gyms allow Text and hypertext
categorization for both indutive and transductive models.
They we braining data to classify documents into categorius.
Cure is and to use position bond out the
iii) Handwriting recognition - SVM is used to recognize handwritten
characters used widely.
The state of the first war with the state of
iv) Bioinformatics : It includes protein and cancer classification. Sum is
wed for identifying the classification of genes, patients
on the basis of genes and other biological problems.
v) classification of images - we of syms provide better search
accuracy in companison to the traditional query-based
seauching techniques.
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