

Experiment No: 4

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	MI method without using Sklearn.
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	logistic regression is absupervised learning
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	the good is to prediction the probability that
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	not. Accomique concepts . ton
•	Logistic regression is a statistic algorithm
	which analyse other relationship it between the
1	twostdata factorsoint rod or vivo
	Logistic regrécéros ispoluced : Pour binary docsification
_	where we use signoid function, that Halses
2	input as independent variables and produces
	a probability value between 0 and 2.
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	-1
	(Logistic or sigmoid Function)
	(Lugistic of Signold Turierian)

TSEC ENGINEERING COLLEGE Z = bot by Mi + be Me + - ... + bomn In the net input equation on reprecents When we were optimized over ficient copy (lacista in in will about sucressful iborg at ai loop at - toptimized be can be calculated willing the optimization technique/concepts. 1-011 Inologisticil regression ztone between 10 and I only so for this moteste divide othe itaria solo de l'antito de l'a where we use signoid function, that duces 222 Ularg Za califorce Forbatalate and winfinite - Zand O nearlantor visz = fillidodom o But we need range between - 00 to 1 to 1 then tales logarithm of the equation it will become? it will become : log (Z) = bo + bim, + b2 m2+ ... + bmm For Logistic Regression the Final equation (notional biompie co