ML Experiment 2

	ML Expessiment 2. DATE:
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	C ¹ 32
	Aim: To implement sp understand the basics of logistic
	Theroup:
	Logistic Reguession is a superivised machine learning algorith
	used for classification tasks where the goal is to priedict the
	perobability that an instance belongs to a given class are not
	It is a statistical algorithm which analyze the relationship between
	two data factoris
	Types of Ingistic Reguession:
	(1) Bînomî a
	(2) Multinomia
	(3) Oadinal
	$x = \omega \cdot x + b$
	X: independent inputs
	b: bias team (introacopt)
	w: weights
	Sigmoid Function
	The output (x) is mapped to get the polobability
	$\sigma(z) = 1$
	1-e-z
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	FOR EDUCATIONAL USE



