Logistic Regression Training Algorithm	
Step	Description
1	function logistic_regression_training()
	input: data, labels, $\alpha$ : learning rate, threshold: convergence threshold
	output: $\theta$ : learned parameters
	labels: training labels
3	d: number of rows in data
4	theta; random(d)
6	for random selection of $x_i$ in data without replacement
7	Update $\theta$ using Gradient Descent