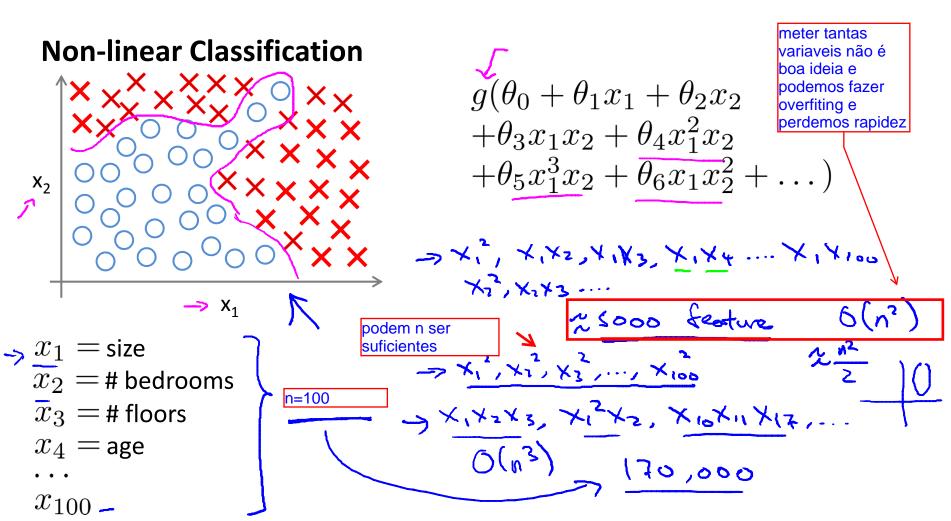


Machine Learning

Neural Networks: Representation

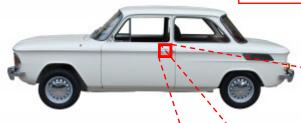
Non-linear hypotheses



What is this?

You see this:

queremos um algoritmo que ao observar imagem nos diga se é um carro



But	the	cam	era	see	s thi	S: pp	oi				
194	210	201	212	199	213	215	195	178	158	182	209
180	189	190	221	209	205	191	167	147	115	129	163
114	126	140	188	176	165	152	140	170	106	78	88
87	103	115	154	143	142	149	153	173	101	57	57
102	112	106	131	122	138	152	147	128	84	58	66
94	95	79	104	105	124	129	113	107	87	69	67
68	71	69	98	89	92	98	95	89	88	76	67
41	56	68	99	63	45	60	82	58	76	75	65
20	43	69	75	56	41	51	73	55	70	63	44
50	50	57	69	75	75	73	74	53	68	59	37
72	59	53	66	84	92	84	74	57	72	63	42
67	61	58	65	75	78	76	73	59	75	69	50

Computer Vision: Car detection

training set de carros e nao carros



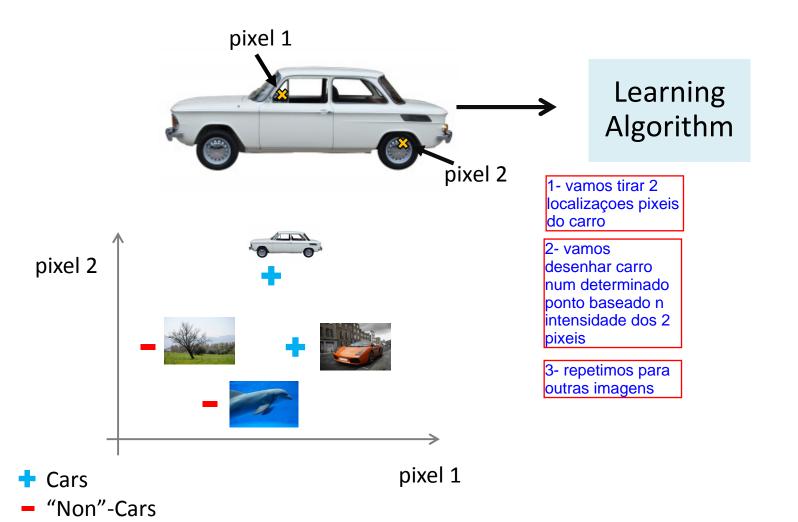


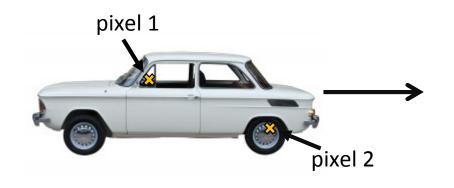
Testing:





What is this?

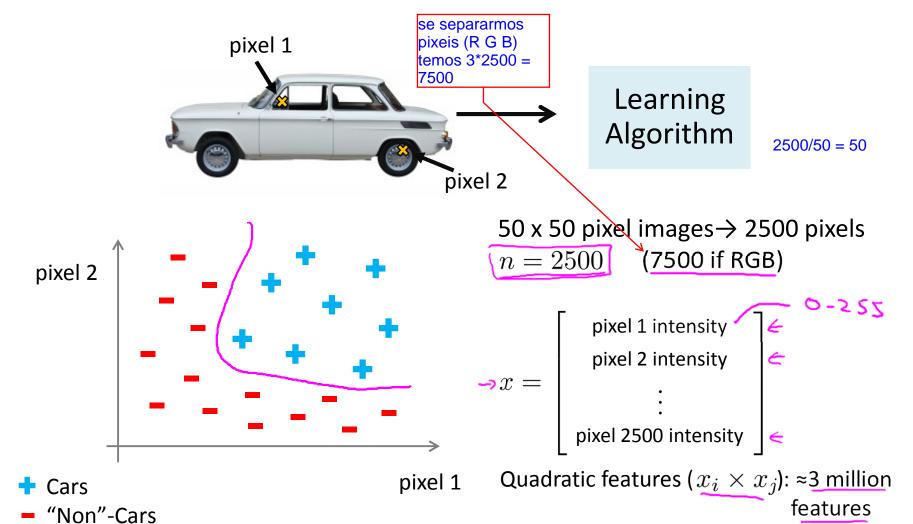




Learning Algorithm



- 1- vamos tirar 2 localizaçoes pixeis do carro
- 2- vamos desenhar carro num determinado ponto baseado n intensidade dos 2 pixeis
- 3- repetimos para outras imagens



Andrew Ng