and the last reason.	Clustenina
	Clustening
	the state of the s
	K-mans
	K-means
	-72 / / /
Performance of Egy accept	- Pardon durtes certroit
	- Each iteration assigning points to each combroid
	- Each iteration moving the cantroid to the centre
-	of its group
	K = number of élisters
	Training set = 1 x1, x2, x m4; x: EIR
	Randomly initialize & cluster centrales pra, M2.
	Mu, KEIR
	For i = [1, m]
	10. 1- [1, W]
	in the section of the contract
	c':= index (from 1 to 16) of cluster certoid  closest to x' -> min   x'-mill2
	closest to x - will (1x - will)
	For $K=1$ to $K$ :
	For $k=1$ to $k$ : $\mu_k := \max_{k \in \mathbb{N}} \int_{\mathbb{R}^{2}} \int_{\mathbb$
	(distortion)
	· Optimisation de jechie -> 5 cci cm, prpa) = 15 ( xi-ni ) mi=1
	T
	uninimize it
	7
	c'=in\ax of cluster [1, 1/2] to which example  x' :s awrently assigned
	c=1/182 of closer [., . ]
	2 is wrently assigned
•	mª = cluster centrais k, MRETE
anglakening ang karang	
•	Ma = cluster centrais of cluster to which example  xi has been assigned
	x has been assigned
nert party for descriptions by	

· Random initialization - should have keen - randomly pick K training examples - set  $\mu(..., \mu \mu = \chi^{(i)})$ · Choosing the value of K Cthe elbow) signification change before not getting any better K (nº of clusters)