			*	
	· OTEN SOUTH OF OTHER	KNEANS	Perception step function	SVN Dual gorm (eoorer to solve)
(Xij - pj)2	of and le double de Bouyen	· K can be found using	Minimite E(B) = - 2 sign (B. x) En	Primal po: mio 1 well of CCE; devent duel po ?
	- chainir / paint parclare à metre dons S - Y ac de training & S, emayer	the elbaw method - y average within cluster sum of squares	· center the xps so that up = 0 HP - set ux to 0 - epochs · theretizely pick a random n - learning role	max & a; -1 & d; d; y; q; \frac{2}{2}; \frac{2}{2};
	de le clanofier avec un 1-2000 sur s	- oc: the verted &	if an well-chapted to nothing - botch size otherse, well = we + Enin	
2 N		(not necessarily to another sof) PCA	no guarantee that it works no man margin at most Promistates marge or marginal margi	w = E diy; z; (any support vectors coll)
ر اے م	· Descharge our des données à	On charche les eigenvectors de la coupraise matrix de nos features.	Logisha (Legronia) max lixil	Pb: pao lin sep On remplace > pao \$(x)
70	haute dimension cor ellos vival dons un law dimensional marifold	max 3 CTC3 · C= 1 Exis	ci. use $\sigma(z) = \frac{1}{1+e^{-z}}$ indeed of step func	SVN Kornel
	KKT LOA)	(3) On move les vectour propries.	(5 00 differentiable	Autien de calculer $\overline{\Phi}(x_i), \overline{\Phi}(x_j), \overline{\Phi}(x_i)$ on a josk $h(x_i, x_j) = \overline{\Phi}(x_i) \Phi(x_j)$
3200	2) (a,), p)=0 matrice de dispusion	matrice de disposson se = ¿ Ne inter-clone (pe-p) (pe-p)	(1-4n) h (1-4n) h (1-4n)	3(2)=5190(=5,0); k(2;,2)]
至五		40)(201-60), win Em = m12mm	ovec yn= o (w-x) =) to yearliere	Polu: k(Z X') = (X' X +c)
Dvanishin gradiente-	lew max (0x) 2: Drago	ou normalization)	1) W = 0 - 0 7((0)	RBF: exp(-> = = = = = 12) Kernel ridge regression
	OSC 1 51 -1 2 menes	certains neurons (on tes désochie) Louerfilhing (on regarde TOU JOURS la Jeahures	Max-noran dosofter (SUN)	$\vec{g}(\vec{x}) = k(\vec{x})(\vec{k} + \lambda \vec{I})^{-1} \vec{T}$
دم المركبان	ME: 1/N [y; -t;] [[]	regression) NSE closed from w=(xTX)^1XTy	dn = En (W.xn) distance	kinj = h(xing) - neatron
	(K-Fold Dista	onces) Auto-encod	live scale in to him only me have (KE	3 + Gaman Kernel exp (11 x-x 11)
2 phr	· 1 ersemble de validation 2 x	lanhalton NLP qui pri y- > ol y arrive dos uclidean > péralise et les magnes	and I Am (w xm) & 1 for all don points (with equality for at look one point) res and w* - arginin 2 [w] (avecla contact) a characteristics	Linear kunel xTx' Poly- kenel (1 + xTx')
	Puis on Soil pour Chaque 12 12) Sold, la moderne de l'accouracy, le giscore,	grandes varide décadeur ens	up Roll Ograin:	
Molkeloro E(wnwe	ere. Ip:	[[xd-xd P]/1 p de retrover le données Ol'union		
= 10		*	Smal C with cross-validation (gnd booth)	